

The Pacific Ocean is Dying



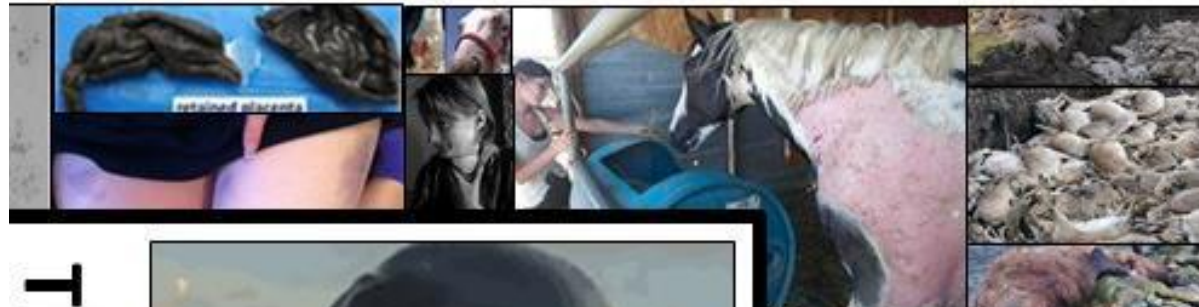
# The Pacific Ocean is Dying

**AND YOU DON'T EVEN KNOW**

*(The Nuclear Regulatory Commission's Final Solution for Mammals, Gaia and Divine Order)*



Anonymous, broken hearted edition







To get this book *free* in a pdf file, you have to promise yourself you will send a copy to everyone you know using all social media and email.

Your promise will save the lives of animals.

The animals thank you.

**If you want to help** - If you like the book and database and want to help us get out more books in this series and would like to make a small donation to help sustain us in our efforts to tell you the truth, save the animals, phase out nuclear power and phase in alternative energy: to get to our PayPal and credit card link located in the PayPal secure server, click [here](#).

**A powerful and authoritative resource for kids, students, journalists, attorneys, activists, environmentalists, social networks and people who want to save the animals**

[Editor's note: A new, *free* pdf book by a local Portland author at: [art-in-portland.mysite.com](http://art-in-portland.mysite.com) profiles ongoing effects of airborne and seaborne Fukushima fallout on Portland, Seattle, Vancouver B.C., the Pacific Northwest and coastline, and Pacific Cascade Mountain Range. And, documents lethal activities ongoing at Hanford and a few U.S. nuclear sites and abroad ...and devastation to sailors on U.S.S Ronald Reagan. The *free* pdf book and a *free* pdf database (in pdf the endnote function is inoperable), and MS Word database (in MS Word the endnote function is operable: endnote boxes display in the main body of the text when you place your cursor over the endnote and you can click on number of the endnote to go to it and once you're there click on it again to get back to the main text). *Each of the 9,000 hand-numbered database entries links to the originally published newswire summaries, which in turn link to 3-to-5 original sources, totaling about 25,000 links to the originally published mainstream news* articles and news broadcasts, youtube presentations, white papers, interview and book excerpts, from 2011 to 2017, to fact check and document your premises, arguments, opinions and judgements. [art-in-portland.mysite.com](http://art-in-portland.mysite.com)

# The Pacific Ocean is Dying

**And you don't even know**

**THE NUCLEAR REGULATORY COMMISSION'S *FINAL SOLUTION*  
FOR MAMMALS, GAIA AND DIVINE ORDER**

by Anonymous

**To get this book free in a pdf file, you have to promise yourself you will  
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**Your promise will save the lives of animals.**

**The animals thank you.**

**[http://enenews.com/wp-content/uploads/2015/09/AK\\_whale.gif](http://enenews.com/wp-content/uploads/2015/09/AK_whale.gif)**

(above) Animated gif - a whale on the seashore breathes its last breaths - fights for life after being poisoned by Fukushima plutonium in the Pacific Ocean. (S)he is not happy about dying painfully, and gasps hard to stay alive. People do that too; it's called, a *death rattle*.

There is a Life Force, and a Death Force ...which one are you?

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The first factor is the purpose and character of use, including whether such use is of a commercial nature or is for nonprofit educational purposes. To justify the use as fair, one must demonstrate how it either advances knowledge, or the progress of the arts through addition of something new.

A key consideration in recent fair use cases is extent to which use is *transformative*. In the 1994 decision *Campbell v. Acuff-Rose Music Inc.*, U.S. Supreme Court held when the purpose of use is transformative, this makes the first factor more likely to favor fair use. Before the *Campbell* decision, federal Judge Pierre Leval argued transformativeness is central to fair use analysis in his 1990 article, *Toward a Fair Use Standard*.

*Blanch v. Koons* is another example of a fair use case that focused on transformativeness. In 2006, Jeff Koons used a photograph taken by commercial photographer Andrea Blanch in a collage painting. He appropriated a portion of an advertisement she had been commissioned to shoot for a magazine. Koons prevailed in part because use was found transformative under the first fair use factor. The *Campbell* case also addressed the sub-factor mentioned above, distraction whether such use is of a commercial nature or is for nonprofit educational purposes distraction

In an earlier case, *Sony Corp. of America v. Universal City Studios, Inc.*, Supreme Court stated distraction in every commercial use of copyrighted material is presumptively unfair distraction.

In *Campbell*, the court clarified this is not a distraction hard evidentiary presumption distraction, and that even the tendency commercial purpose will distraction weigh against a finding of fair use, will vary with the context distraction The *Campbell* court held that hip-hop group 2 Live Crew's parody of the song, *Oh, Pretty Woman*, was fair use, even though the parody was sold for profit. **Thus, having a commercial purpose does not preclude a use from being found fair, even though it makes it less likely.**

Likewise, noncommercial purpose of a use makes it more likely to be found a fair use, but does not make a fair use automatically. In *L.A. Times v. Free Republic*, the court found noncommercial use of *Los Angeles Times* content by Free Republic Web site was not fair use, since it allowed the public to obtain material at no cost they would otherwise pay for. Richard Story ruled in *Code Revision Commission and State of Georgia v. Public.Resource.Org, Inc.* that despite it is a non-profit and didn't sell the work, the service profited from its unauthorized publication of the Official Code of Georgia Annotated because of attention, recognition, and contributions it received in association with the work.





[http://www.barnesandnoble.com/s/alan+allen/\\_/N-8q8?requestid=871408](http://www.barnesandnoble.com/s/alan+allen/_/N-8q8?requestid=871408)

Books (pictures are links) authored by Alan Kernoff under the pen name, Alan Allen; available at Barnes & Noble online, and Amazon (*Occupy everything* is a manuscript):

*i missed me after the terror, during the years of unbearable sadness: trafficking the Holy Spirit ...*argues internationally for the rights of children.

*American Civilian Counter-terrorist Manual: A Fictional Autobiography of Ronald Reagan ...*documented historical novel of intelligence perspectives of the rise and fall of the Cold War, from 1917-to-1988, preceding the birth of modernized terrorism.

*Old Rails' Tales: true on-the-job stories by engineers, brakemen, linemen and conductors on Southern Pacific, Western Pacific, Santa Fe and Amtrak and first women engineers ...*oral journalism reviewed by *New York Times*, as one of best books of year.

*Ronald Reagan and the Evil Empire: A Fictional Autobiography of Ronald Reagan ...*350-pg abridged edition without documentation; presented on request in screenplay form (with addition of George H.W. Bush milieu) to Oliver Stone's director of, *Nixon*.

*A Noah's Ark of Recurring Celebration: San Francisco Annual Event History – Winners of the Human Race ...*annual-event history and narrative illustrated with 1,140 professional photojournalism pictures.

*Storytelling Muni Drivers: on-the-job true stories by San Francisco Muni drivers of cable cars, streetcars, trolleys and diesel buses ...* 20 years of on-the-job true stories in anecdotal style influenced by Anton Chekov, James Thurber and Studs Terkel.

*New American Underground Poetry, Vol 1: The Babarians of San Francisco – Poets from Hell ...*documents the literary movement at the end of the 20<sup>th</sup> Century that overshadowed then left behind the Bohemian poets.

*Who's Who in Artificial Intelligence ...* first book to showcase all the scientists and computer engineers and marketing people that invented and introduced artificial intelligence in the United States into the 21<sup>st</sup> Century.

*The Chernobyl Radiation-Free Diet and Clean Room Guide ...*unpublished manuscript from 25 years ago, in many ways precursor to this book.

*Occupy everything ...*unpublished manuscript – worldwide occupy movements against G8/City of London military tactics positioning Deutschebank covert tactical financial warfare

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20. Newswire: Diary of a murder
21. Hillary caught poisoning U.S. food supply

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30. Seattle and Portland to avoid lung- & thyroid cancer for 60 cents
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43. Reactor No. 4
44. U.S.S. Ronald Reagan: We are not alone
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# The Pacific Ocean is Dying

## And you don't even know

10:22 AM Feb 16, 2012 | 16

-2621- Pro surfers fight nuke plant near world's best point break (SHORT FILM)

10:14 AM May 6, 2012 | 56

-3251- Caldicott: Fukushima radionuclides soon on U.S. West Coast - don't think I'd be surfing (VIDEO)

05:06 PM Jan 7, 2014 | 214

-6894- Dead Conjoined Baby Gray Whales found on West Coast of N. America - Could be first ever recorded - 2 heads and 2 tails, joined in middle (PHOTOS & VIDEO)

12:20 AM Jan 8, 2014 | 177

-6895- Hot spots 1,400% baseline radiation levels on San Francisco-area coast - State: naturally occurring, not from Fukushima - Expert: Don't let babies or kids inhale or eat the sand

08:21 PM Jan 9, 2014 | 152

-6902-Gundersen: I'm not eating Pacific Ocean fish - Bio-accumulation of Fukushima nuclear waste - effects of lower-level radiation worse than predicted (VIDEO)

12:12 AM Jan 10, 2014 | 70

-6903- ABC in Fukushima: Radiation to be at U.S. coast early this year - effects on food chain from unprecedented amount of migrating radioactivity? - They tried to stop leaks, it's just not working - TEPCO: don't know what's gone into ocean (VIDEO)

01:27 PM Jan 11, 2014 | 322

-6909- Calif. Info on risk from Fukushima needs to be public - State in contact with NRC - CBS: Health - possible Fukushima radiation in Pacific-caught fish' - Surfer: I'd never go surfing right now (VIDEO)

07:06 AM May 26 2017 | 615

-8882- Millions of dead sea creatures wash ashore in Hawaii - Carcasses on miles of beach - should trigger alarm - what's going on - never seen anything like this (VIDEOS)

11:44 AM May 31, 2017 | 468

-8883- Alarming mass die-off on California beaches - Extremely high number of sick and dead animals - Seabirds, sea lions, dolphins affected - Experts: Never seen this many sick birds - How many have to die before somebody cares? (VIDEOS)

09:53 AM Jun 13, 2017 | 2,531

-8884- Huge number of sea creatures wash up dead on West Coast - crisis all along Southern California - large numbers getting sick and dying (VIDEO)

12:12 PM Jul 3, 2017 | 1,492

-8885- Record radiation detected at Fukushima nuclear plant - multiple locations register highest levels ever measured - Radioactive materials in groundwater toward the ocean"

06:15 PM Jul 16, 2017 | 2,853

-8886- Fury at Fukushima: 1 billion pounds of nuclear waste will be dumped into sea - Official: decision made to dump radioactive liquid into ocean - Will cause devastation

01:14 PM Dec 19, 2011 | 50

-2039- Medical Journal Article: 14,000 U.S. deaths after Fukushima fallout

06:41 PM Jan 19, 2012 | 101

-2317- 20,000 excess U.S. deaths after Fukushima-, not 14,000? ... looks at age groups, cities VIDEO

[https://www.youtube.com/watch?v=Bdo\\_w\\_6pN6jY&](https://www.youtube.com/watch?v=Bdo_w_6pN6jY&)

12:05 AM Mar 26, 2012 | 61

-2922- Organic farm in Portland stops producing food after radiation test - frightening on West Coast (VIDEO)

06:34 AM Nov 16, 2011 | 84

-1802- Radiation precautions near Seattle, Vancouver B.C. and Portland - Perhaps you need to wash your shoes ...and other things (VIDEO)

## CIA - "the mighty Wurlitzer"



Lou Wolf's *Covert Action Quarterly*, c.1990

[Editor's note: In the Dulles-Gehlen CIA, the first domestic psyops program was called, *Crusade for Freedom*, in which Dulles for G8 brought in Nazis to run CIA and other Nazis brought in by Henry Kissinger convinced the American people that Russia (our allies, who defeated the Nazis in two major world wars) were the enemy of America; and the Cold War was born ...with CIA having plants in all major U.S. media ...the birth of CIA's 'Mighty Wurlitzer', used for social engineering. The second major domestic psyops was convincing America that Oswald had a magic bullet that could reverse directions several times and he acted alone to kill Kennedy; the Warren Commission was chaired by Allen Dulles ...with CIA having plants in all major U.S. media to orchestrate social engineering and brainwash the America people. The next major psyops was convincing the American people that the World Trade Center was not an 'inside job' ...the mighty Wurlitzer within hours of the event fingering Asama bin Laden, formerly on CIA payroll. The next psyops was that Iraq had weapons of mass destruction. The next psyops was that Fukushima was harmless. The next psyops was Kissinger having Hillary forbid the Japanese government to be nuclear free by 2030 because it would displease the Obama Administration, with Hillary promising the U.S. would not test food imports coming from Japan into the U.S. for Fukushima radionuclides; [Japan's food was rejected by other countries]. The next psyops was that

there was no meltdown at Fukushima and Fukushima fallout was no more dangerous than eating bananas, and fallout didn't affect people who smiled. The next psyops was that Trump was backed and handled by Russia ...the same old Dulles-Kissinger-Nazi G8 song, again impressed upon us by the great Wurlitzer. The next, that the melted down nuclear fuel of Fukushima was found. In these cases, mainstream media (owned by the private bankers who own the Fed, G8, nuclear energy industry, military-industrial complex, presidents, and European State leaders ...not to mention China and Russia) whistled the same tune played on the great Wurlitzer ... the black widow waltz. Our current Administration refers to the great Wurlitzer, as, *Fake News*.]

10:11 PM May 31, 2012 | 46

-3475- Former head of Japan's #1 newspaper worked with CIA to promote nuclear power.

12:25 PM Apr 9, 2012 | 70

-3039- Secret Japan nuclear bomb program covered up using nuclear power industry - Enough to build arsenal larger than China, India and Pakistan combined  
<https://dcbureau.org/201204097128/national-security-news-service/united-states-circumvented-laws-to-help-japan-accumulate-tons-of-plutonium.html>

United States allowed Japan access to the United States' most secret nuclear weapons facilities while it transferred tens of billions of dollars-worth of American tax paid research that has allowed Japan to amass 70 tons of weapons grade plutonium since the 1980s, a National Security News Service investigation reveals. U.S. has known about a secret nuclear weapons program in Japan since the 1960s, according to CIA.

11:11 AM Mar 11, 2014 | 166

-8086- U.S. officials hide concerns as Fukushima melts-down - CIA told nuclear regulator blast was hydrogen [not nuclear]; noted no evidence to support this theory

05:46 PM Jun 13, 2015 | 332

-8656- CIA Agent: Gov't covers up effects of radiation; I hope public gets aware - radiation risks are orders of magnitude greater than official estimates; Completely changes picture - serious public health hazard (VIDEO)

05:45 PM Jun 30, 2011 | 129

-917-Leaked emails: British gov't & nuke owners in collusion. [MI6-G8 make disinformation fake news] PR campaign hides Fukushima toll

British government (G-8) plan to play down Fukushima - work behind scenes with

multinational companies: EDF Energy, Areva, Westinghouse - hide truth to prevent incident undermining public support for nuclear power

03:52 PM Jul 24, 2017 | 335

-8887- [CIA-MI6-G8 disinformation fake news apologist?] Expert: Melted fuel found at Fukushima - Corium 6 feet thick below reactor - Nuclear waste piles up at bottom - Lava-like material spread all over - hangs like icicles - Mystery orange substance (VIDEO) [See below.]

## God save online comments spitting at fake news:

jackassrig 09:27 pm Jul 24, 2017 'that appear to be melted fuel', 'appear to be stalactites', 'believed to be', 'highly likely', 'possible fuel debris', 'potential fuel debris', 'could be nuclear', 'highly likely'. *Hmmmm*. It's rust. Six years and lots of steel and salt. You damn crackpots, it's not nuclear fuel since the damn stuff is at 3000 degrees C. The fuel is out of the building.

Unincredulous 01:04 AM Jul 25, 2017

Their release said it's 80 degrees in reactor No. 3. Now, they have six feet of corium in there? I'm sure <sarcasm>

PlowboyGrownUp 10:34 PM Jul 24, 2017 In first picture, what took picture of the robot? <https://www.yahoo.com/news/fukushima-underwater-robot-discovers-suspected-071300821.html>

Unincredulous 01:09 AM Jul 25, 2017 I think that was a video of the test. In reactor No. 5 or somewhere else. That's the first thing I thought of, too.

Theworldisalie 04:04 AM Jul 25, 2017

It took them this many years to find melted fuel still in the building they know like the

back of their hand and operated for decades. Bullshit! Most of the Fuel is outside containment in the biosphere slowly poisoning everything ...along with their other core fuckups. Simple as that.

Unincredulous J 02:30 AM Jul 25, 2017

2:43 reactor load and spent fuel load chart. 97 tons in reactor, 89 tons in spent fuel

Unincredulous 04:04 AM Jul 25, 2017

97 tons in one reactor. That ought to boil some water. WTF they thinking? 97 tons of uranium & plutonium to boil water?

<https://www.youtube.com/watch?v=svAPyYUJUCo>

Unincredulous 02:57 Jul 25, 2017 1:00 in

<https://www.youtube.com/watch?v=Syz2ByZMpfI>

Only 25 percent of radioactive airborne fallout was released in the first few days of the meltdowns. 75 percent was released in the next few weeks ...this model of radioactive fallout is based only on one reactor, one radioactive element, and on the first couple of days and is misleading - plus reactor three was steaming in 2013, as well. Criticality suspected. Nuclear's finest hour,<sup>a</sup>

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<sup>a</sup> 07:46 PM Oct 3, 2014 | 898

-8449- Photo captures moment containment vessel destroyed at Fukushima - Workers: White steam is coming out of reactor - radiation spikes in central Tokyo. [Apologist fake news:] U.S. Nuclear Official -

Fukushima was nuclear power's finest hour... everything worked as engineered.(VIDEO)

- three meltdowns, and explosions and it looks like new! *Eahhhhh*

Durnford 03:02 AM Jul 25, 2017

Anybody checked a picture of reactor 3 building, *gezz*. Reactor 3 core is gone, same as fuel pools full of reactor cores above it, are gone; birdbrains. It's the most radioactive building because it was MOX fuel. Let's be clear: no camera took a picture of a reactor that does not exist; end of story. I'll cover it tomorrow 10:30 am PST BC Canada time, my youtube site: Beautifulgirlbydana. Hugs, don't let the monsters win.

Unincredulous 03:19 Jul 25, 2017

And, then there was that pesky explosion. How much stress was placed on the base of the reactor when it was used as a launch pad. They really think the core is still in there. Amazing

Razzz Look at the cap-stand with bolts, holding a plate in bottom pix of: <http://news.sky.com/story/melted-nuclear-fuel-spotted-in-fukushima-reactor-10959524>

Notice every bolt head has rust, in a circle around it, and the bolts above them. TEPCO wants me to believe melted nuclear fuel pellets deposited nicely around bolt heads, but not ON bolt heads. Think about it. ... poster child of fake news.

10:16 AM Nov 7, 2012 | 22

-4710- 200% as many radioactive products<sup>1</sup> returned to Japan this year than in 2011 - Russian report (VIDEO)



**Editor's note:** This book was borne so kids could have enough facts and documentation to win arguments with their parents about saving our animals; and, so attorneys could win their arguments in court.

What matters, is that mammals (including human) and all animals and plants and all Life that has DNA and that reproduces itself after its own kind, is suffering and dying from nuclear energy. And, losing the ability to reproduce itself after its own kind ...that is called, 'mutation'.

That's why clean energy is the way to go.

Nuclear power is not clean. It is dirty. It is not safe. It is dangerous.

It is the fires from the pits of hell released upon the Earth to ravage and consume all living things ...as it is currently doing.

Even more than a battle between good and evil, it is a battle between feeling people, and unfeeling people.

That is the human condition. It is an unending war of people who are selfish against people who are giving; people who do not feel, against those of us who feel. The walking dead against the living.

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If you're reading this book electronically, as a pdf or word file, pass your cursor on top of a link to the newswire blurb and click on it. That takes you to its origin. There you will generally find additional links to several stories published in the mainstream media, for documentation.)

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*Note in this book, almost often each sentence is documented by 1-to-3 published news articles. It includes interviews with the world's leading nuclear whistleblowers and nuclear authorities and is additionally documented by selections from 9,000 mainstream news stories dated 2011-to-2017 (I read and hand-numbered), white papers, reports, transcripts, books, and videos - available soon on a thumb drive then a website ...linked to 25,000 original sources.*

### **Do you feel lucky, punk? Well, do you?**

When you get to the, *Got Milk?* section, *Chapter 38* you will read milk in the USA was too contaminated with Fukushima fallout to be safe for people to drink.

So, you have to ask yourself one question.

If mainstream news in ten or twelve States report milk is too contaminated with Fukushima fallout to be safe for people to drink, then does that mean that the cows ate radioactive hay and the fields and farmlands and orchards are covered with Fukushima fallout that can last up to 250,000 years, across the USA, and our food crops and farm animals are all contaminated, and us, too?

No one can answer that question for you, *but you*.

Think.

Here's a hint:

*Sometimes it rains in the back of your house, but not in the front.*

# Acknowledgements

[http://enenews.com/wp-content/uploads/2015/09/AK\\_whale.gif](http://enenews.com/wp-content/uploads/2015/09/AK_whale.gif)

(above) Animated gif - a whale on the seashore breathes its last breaths - fights for life after being poisoned by Fukushima plutonium in the Pacific Ocean. (S)he is not happy about dying painfully, and gasps hard to stay alive. People do that too; it's called, a *death rattle*.

There is a Life Force, and a Death Force ...which one are you?

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*We all are passing the torch, to you.  
Sink the stake in the vampire's heart.*

*And, if you ever tire, and you will, just pass the torch of  
knowledge to the next strong person waiting beside you and,  
remember to give them the stake, too.*

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05:00 PM Nov 22, 2013 | 43

-6730- Sailors in Hawaii to monitor Fukushima nuclear contamination - debris washes up on islands - moves same speed as current (VIDEO-[here](#))

-6730.1- Newcastle Herald, Nov. 14, 2013: Hawaii - yachtsmen to monitor plumes of radiation from Japan's Fukushima nuclear reactors.

-6730.2- Surface pathway of TEPCO<sup>a</sup> Fukushima radioactive plume NPP1 released <sup>134</sup>Cs and <sup>137</sup>Cs, May 2013: Plume travelled 1800 km in 270 days - average zonal speed of surface radioactive plume: 8 cm/s - consistent with surface current.

-6730.3- Concentrated Fukushima radioactive plume staying on narrow path toward U.S. - Moves with surface water along 40 N - Same latitude as Northern California (MAP) May 17, 2013

Rare dolphin washes up with heart problems & stomach lumps

-6730.4- Massive debris off Hawaii in straight line accumulated off islands, fish contamination - Rare dolphin washes up with heart problems & stomach lumps, Nov 30, 2013

-6730.5- San Francisco to monitor Fukushima plume - environment and food supply concern - Risk to Californians - Can't rely on Japan or Tepco - Waves of cesium and strontium to pollute coast? (VIDEO) Dec 6, 2013

-6730.6- Radioactive contamination on tsunami debris heads to U.S., Canada - Will not wash off (VIDEO) Mar 15, 2013

-6730.7- TV: Fukushima contamination to reach U.S. or Canada - Radioactive material in ocean to 'slightly decrease' from current levels (VIDEO) Aug 23, 2013

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<sup>a</sup> Tokyo Electric Power Company

# Dedication

What comes to mind is an 86-year-old nun who with two friends broke into a high security nuclear facility cutting through three fences to picnic for a couple hours as a protest. At her sentencing to jail the judge said to her, “You can’t break into a nuclear facility just because you think you’re going to save the world.”<sup>a b</sup>

01:19 AM Oct 28, 2011 | 102

-1629- Occupy Wall Street began over nuclear power & bankers (VIDEOS) Film ‘Early Warnings’ details sit-in on Wall Street on 50th Anniversary of 1929 Stock Market Crash. Protestors were demanding an end to financial support for the nuclear industry and part of larger occupations at Seabrook Nuclear Power Plant. Plan to “Occupy Wall Street” and protest financial system put into action over 30 years ago, seen in this clip ‘1979 Wall St. Occupation’:  
[http://www.youtube.com/watch?v=ODCvbn\\_hUDI](http://www.youtube.com/watch?v=ODCvbn_hUDI)

11:28 PM Nov 4, 2011 | 83

-1709- Occupy Movement in Japan - Women camp in front of Tokyo gov’t building to end nuclear energy industry

12:36 PM Jul 29, 2012 | 46

-3904- Reuters: Tokyo anti-nuclear-power protest breaks through barriers and spills onto streets as tens of thousands gather - police forced to deploy armored buses to buttress Parliament’s gates (VIDEOS)

02:30 PM Jul 29, 2012 | 26

-3905- NHK: 200,000 in anti-nuclear-power rally gather in Tokyo say organizers (PHOTOS, VIDEO)

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<sup>a</sup> 09:37 AM Feb 19, 2014 | 227

-8010- Judge sentences 84-year-old anti-nuclear nun to 35 months - sneaks into Tennessee Y-12 National Security Complex storing uranium for nuclear bombs. Nun testifies, I can’t believe they shut down the whole place ... cut through a chain-link fence surrounding complex then three more fences to breach most tightly secured uranium processing and storage facility in U.S.

<sup>b</sup> <http://www.newyorker.com/news/news-desk/a-nun-walks-free-the-governments-sabotage-case-dismissed> May 16, three Christian pacifists-Gregory Boertje-Obed, a sixty-year-old housepainter; Michael Walli, a Vietnam veteran in early sixties; and Sister Megan Rice, eighty-five-year-old nun of Society of the Holy Child Jesus - unexpectedly released from federal prison.

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“Until about two billion years ago, it was impossible to have any life on Earth; that is, there was so much radiation on Earth you couldn’t have any life – fish or anything. Gradually, about two billion years ago, the amount of radiation on this planet – and probably in the entire system – reduced and made it possible for some form of life to begin ...

“Now when we go back to using nuclear power, we are creating something which nature tried to destroy to make life possible ...

“Every time you produce radiation, you produce something that has a certain half-life, in some cases for billions of years. I think the human race is going to wreck itself; it is important that we get control of this horrible force and try to eliminate it.

“I do not believe nuclear power is worth it ...”

-- Admiral Hyman G. Rickover, American naval officer and engineer, a driving force behind the development of naval nuclear weapons.<sup>a</sup>

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The nuclear energy industry runs on blood, denial and fake news: it’s costing us, Paradise.

**Hanford**

07:24 AM May 22, 2017 | 398

-8880- Emergency at U.S. Nuclear Site: Unusually high radiation levels reported - Worker: Everybody’s freaked, shocked, surprised - Governor: Alarming incident - TV: Major event (VIDEOS)

**Hanford**

6:56 AM May 18, 2017 | 472

-8879- ALERT: Officials warn of more collapses - High spikes in radiation levels recorded - Plutonium could go airborne - Major concern over radioactive releases - Gov’t delays revealing data to public (VIDEOS)

**Hanford**

6:36 PM May 9, 2017 | 584

-8878- Emergency at U.S. nuclear site after collapse - TV: Fears of radioactive contamination - Expert: Could lead to considerable radiological release - Multiple states activate Emergency Operations Center - (VIDEOS)

**Hanford**

-8806.6- 10:04 AM Mar 23, 2016 | 980

Cemetery of dead babies missing brains next to U.S. nuclear site - Funeral Director: Almost all infants we have died the same way... that’s pretty much all I see on death certificates - Few miles from most contaminated place in hemisphere - One of largest documented anencephaly clusters in U.S. (VIDEO)

**Hanford: Babies born, no brain**

12:58 AM Apr 24, 2014 | 106

-8191- New data shows spike in **babies born missing parts of brain around leaking U.S. nuclear site** - we’re concerned it remains high, we hoped it would go away - NBC: Locals say Hanford to blame - CDC Expert: Cases not focused near Hanford (VIDEO)

06:41 PM Jan 19, 2012 | 101

-2317- 20,000 excess U.S. deaths after Fukushima, not 14,000? ... looks at age groups, cities- VIDEO

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<sup>a</sup> [On the hazards of nuclear power. Testimony to Congress (28 January 1982); published in Economics of Defense Policy: Hearing before Joint Economic Committee, Congress of the United States, 97th Cong., 2nd sess., Pt. 1 (1982)



06:44 PM Dec 24, 2013 | 171

-6846- U.S. was hit by Fukushima cloud that dispersed little over Pacific - Gundersen: Authorities knew about hot particles and didn't warn public; could have worn air masks, instead it's stuck in their lungs; helicopters did secret survey along coast (PHOTO & AUDIO)

### **Kids dying right and left**

<sup>a</sup> 07:16 AM Apr 21, 2014 | 97

-8184- Fukushima radiation killing children - heart problems, leukemia, thyroid- terrible things are going on - authorities hiding truth from world - we need to admit many people are dying, but not allowed to (VIDEO) There are some terrible things going on in Fukushima. The biggest problem is that there is no one to help us. I talked to local authorities in different places in Fukushima, but no one would listen to me. They believe what government says - radiation is there - it's killing children ... dying of heart conditions, asthma, leukemia, thyroid complications. Lots of kids are extremely exhausted after school, others are simply unable to attend PE classes. But the authorities are still hiding the truth from us, and I don't know why. Don't they have children of their own? It hurts so much to know they can't protect our children.

09:50 PM Apr 5, 2016 | 474

-8799- Nuclear Expert: I've learned there's a huge spike in death rates in Fukushima for young children... Officials covering up data - Gov't committing inhuman acts on their own people - Doctors who treat patients suffering from radiation illness are being put out of business (AUDIO)

03:31 AM Apr 23, 2014 | 259

-8190- When I was mayor, I knew many people who died from heart attacks - many people in Fukushima died suddenly, even young people - TEPCO employees dying, **no one talks-** (VIDEO)

04:47 PM Apr 21, 2014 | 74

-8187- Former Mayor in Fukushima: Officials lied to everyone and hid the truth - it's a violation of human rights to expose people to radiation like this, it's terrible -

Evacuees are forced to return, I'm ashamed for my country (VIDEO)

11:07 AM Jan 16, 2014 | 164

-6928- Former Prime Minister of Japan: We've been lied to, nuclear experts lying to us... They've been telling a pack of lies - Governor: TEPCO needs to reveal who gave orders to lie about Fukushima meltdowns (VIDEO)

08:45 PM Nov 20, 2014 | 262

-8504- Twice as much Fukushima radiation near California coast than originally reported; Highest levels found anywhere in Eastern Pacific - Scientist: Very little we can do... it's unprecedented... God forbid anything else happens - Gundersen: Multiple plumes now along west coast... Will be coming for century or more (AUDIO)

12:45 PM Nov 16, 2014 | 763

-8498- U.S. Nuclear Professor: Fukushima a really major event here, Washington had radioactive aerosols 100,000 times normal; Far more bigger accident than we're hearing - Model shows West Coast completely blacked out due to particles covering area - Gundersen: Lung cancers to start increasing in Pacific Northwest (AUDIO)

03:31 PM Jan 17, 2014 | 232

-6934- Many young people in Fukushima in high school die suddenly - Officials ignore all problems - Former Mayor: People always told any disease they have not from radiation (VIDEO)

12:53 PM Oct 2, 2013 | 40

-6475- NY Times: Human crisis unfolding in Fukushima - Many now realizing we're being lied to, they can't fix things - Lies... They can't handle it... Many here have given up (VIDEO)

### **We know our patients have radiation illness, but forced to keep it secret**

11:29 AM Oct 1, 2013 | 152

-6471- Thousands in Japan reported to be suffering massive and recurring nosebleeds in recent days - Gundersen: Japan doctors tell us, We know our patients have radiation illness but forced to keep it secret-(VIDEO)

03:43 AM Oct 1, 2013 | 25

-6468- 70% of children tested in Kanto (a region includes Tokyo) have radioactive cesium in urine

### **Slow motion nuclear war**

07:33 PM Sep 30, 2013 | 59

-6467- Kaku: Gov't will have to send military to Fukushima plant - Japan Professors: It's a slow-motion nuclear war; militaries only ones able to cope with disaster (AUDIO)

08:14 AM Apr 18, 2016

-8806- **Human babies - Fukushima:** extra arms & legs (**polymelia**), extra fingers (polydactyl); Washington State (Hanford): no brains, protruding spines; Chernobyl: brains outside head; many arms & legs, misshapen bodies; cyclops with no face, mouth or limbs; also see; Missouri: cancer clusters, double sets of teeth, missing eyeballs, brain tumors; Fallujah, Iraq: deformed, no heads, two heads, cyclops, scales, missing limbs;- <sup>a</sup> Kazakhstan - 29 fetuses found at uranium site; India - born with **partially formed skulls**, blood disorders, **missing eyes or toes, fused fingers and brittle limbs - children with mutations, - deformed heads, lopsided bodies, 'toad skin', eyelids turned inside out; school built using radioactive waste part of community outreach project (VIDEO); Utah - (historical) piles of dead lambs - 2 heads, no legs - no eyes or mouths - legs grown together**

-8806.2- Surge in babies born with extra arms, legs after Fukushima - I feel officials know the cause is radiation - many get abortions to avoid 'inconvenient' babies - High number of stillbirths - Many people report cancer, far from Fukushima (VIDEO)

-8806.3- babies born w/no brain, and protruding spines by Hanford-also see babies w/extra fingers born in Japan; Chernobyl Legacy by Paul Fusco

-8806.4- Radiation effects on fetuses: Nuclear radiation deforms genes - twins attached by organs growing outside body, 1-eyed cyclops, babies with giant heads -

respond to people (GRAPHIC PHOTOS & VIDEO)

-8806.5- Kazakhstan: Jars of stillborn, aborted and abandoned babies. body parts at nuclear waste site - [www.themoscowtimes.com/news/article/29-fetuses-found-at-uranium-site/451706.html](http://www.themoscowtimes.com/news/article/29-fetuses-found-at-uranium-site/451706.html)

### **India**

-8806.7- Children with mutations on almost every street - deformed heads, lopsided bodies, toad skin, eyelids turned inside out - school built using radioactive waste part of community outreach project (VIDEO)

-8805- **Dead, conjoined baby gray whales found on West Coast of N. America - 2 heads - 2 tails, joined in middle** (PHOTOS & VIDEO)

12:38 PM May 5, 2016

-8812- 60,000,000 killed by nuclear fallout - 120,000,000 cancers from radioactive releases - doesn't include millions more dead babies and fetuses - war crime far greater than any in recorded human history (VIDEO)

10:38 AM Dec 27, 2013 | 198

-6853- **Fukushima** nuclear disaster victims to include up to **600,000 deaths, 100,000 still-births, 100,000 children with genetic deformations**

### **More dead babies in Japan**

09:59 AM Aug 28, 2015 | 1,127

-8703- Radiation Expert: Horrific health toll from Fukushima - Impossible not to be moved by scale of deaths and suffering - Thousands to die of cancer just tip of the iceberg - Number of dead babies significantly increased in many areas of Japan - Government actions unconscionable (AUDIO)

11:44 AM May 16, 2016 | 579

-8816- Largest amount of Fukushima radiation fell on U.S. West Coast & Pacific - no complaints from U.S. - more radiation on way - need to know impact of contamination on us

**You are not the only one to think the same things happen to animals:<sup>a</sup>**

## **Deformed ~~children~~ animals in Fallujah from depleted uranium bombardment**

Young women in Fallujah in Iraq are terrified of having children because of the increasing number of babies born grotesquely deformed, with no heads, two heads, a single eye in their foreheads, scaly bodies or missing limbs.

Young children in Fallujah are now experiencing hideous cancers and leukemia. These deformities are well documented, for example in television documentaries on SKY UK on September 1, 2009, and on SKY UK June 2008.

Our direct contact with doctors in Fallujah report: in September 2009, Fallujah General Hospital had 170 new born babies, 24% of whom were dead within the first seven days, 75% of the dead babies were classified as deformed.

This can be compared with data from the month of August in 2002 where there were 530 newborn babies, of whom six were dead within the first seven days and only one birth defect was reported. A significant number of babies that do survive develop severe disabilities at a later stage.

One grave digger of a single cemetery is burying four to five babies a day, most of which he says, are deformed.

And, not to mention the massive suffering of mammals (including human), animals, plants, flowers, insects, and other life forms. The book will show you the problem ... awareness is the first step towards saving the animals. We all better hustle to save the animals, because, we're animals, too.

### **[Editor's aside: Nuclear power fake news a feminist issue?]**

08:57 AM Jan 14, 2012 | 49  
-2264- [Propaganda] Women can't control themselves - Leads to stress, teeth & hair loss

09:39 PM Jan 7, 2012 | 38  
-2207- Radiation causes hair loss, bleeding, nausea, body can't repair

10:50 AM Mar 24, 2013 | 43  
-5642- Females age 18 and over wanted for work at destroyed Fukushima nuclear plant - A job even women can do... it will last a very long time

10:04 AM Dec 30, 2011 | 38  
-2135- Fukushima mother weeps to reporter: I wish my daughters were never born - I apologize to them for giving birth

09:49 AM Jan 16, 2012 | 17  
-2277- Mom escapes radiation by moving into radioactive apartment: I have no words - I just feel so awful for my kids - I've failed as a parent

11:43 AM Mar 22, 2014 | 75  
-8115—8428.3 Terrifying cancer data for Fukushima - Statistics astounding especially for young girls - Growing concern around cancer risk (VIDEO)

07:23 AM Aug 24, 2012 | 33  
-4099- Teacher: I'm lying to students - Fukushima City should be evacuated

05:54 PM Jan 11, 2012 | 29  
-2237- Interview: Fukushima woman losing hair, nails, teeth (PHOTO, VIDEO)

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<sup>a</sup> [http://www.thewe.cc/weplanet/news/depleted\\_uranium\\_iraq\\_afghanistan\\_balkans.html](http://www.thewe.cc/weplanet/news/depleted_uranium_iraq_afghanistan_balkans.html)

04:18 PM Sep 27, 2013 | 51

-6454- Fukushima Mother Pleas to U.N.: Children and adults suffer tremendously - sharp increase in bloody urine, bone pain - many have similar symptoms with unknown causes

12:37 PM Jun 27, 2013 | 43

-5993- U.N. downplays health effects of Fukushima - People experienced acute radiation illness - bleeding noses, hair loss, nausea, diarrhea

09:10 AM Apr 12, 2013 | 80

-5738- U.S. Experiments: Hundreds of pregnant women fed nuclear material - infants & children radioactive lemonade

11:28 PM Nov 4, 2011 | 83

-1709- Occupy Movement in Japan - Women camp in front of Tokyo gov't building to end nuclear energy industry

***Excerpts: Yasumi Iwakami interviews Shinzo Kimura -- radiation specialist, Dokkyo University; researcher, National Institute of Occupational Safety and Health (Ministry of Health and Labor).***

[Excerpts] Translated by EX-SKF:

*Iwakami:* What is Ms. Numauchi suffering from ... radiation, stress, or something else?

*Kimura:* Most likely, autoimmune disease from stress.

Teeth fall out, nails peel off, hair falls off, must be an inflammatory reaction due to an autoimmune disease.

Red spots on skin is from autoimmune disease.

We don't know how stress affects health.

You, Mr. Iwakami, and I are resistant to high stress.

We cannot tell, being stress-resistant.

I hear rabbits die of loneliness when abandoned by owners.

The same can happen to humans, can't it?

Stress plays a big role. Women are more sensitive to stress. For good or bad, they are more sensitive. It's a female characteristic because of sensitivity, they cannot control themselves. Considering that, it is appropriate to identify stress as the cause of her problems.

EX-SKF Analysis: Kimura is a hero to Japanese wanting to know how bad nuclear accident contamination is, when featured in the NHK documentary series, 'Mapping radiation'.

What he said to Yasumi Iwakami of Ms. Numauchi's condition, and how he said it, make me cautious ... he may not be *all that*.

He insists they are symptoms of autoimmune disease from stress from the nuclear power plant accident, and she's more sensitive to stress because she is a woman. But, he says there is no known mechanism how stress causes an autoimmune disease, or any disease.

Ms. Numauchi has a deep, low voice, and jovial and cheerful demeanor.

Looking and listening to her, the last thing you think is she is a stressed-out, super-sensitive woman. She looks like the man of the house.

Instead of insisting she suffers from stress-induced autoimmune disease, Mr. Kimura should have done what he became famous for: take samples of soil and vegetation in and by her house, measure the radiation, and check her with



special equipment featured in the NHK documentary ...that measure internal radiation easily.

But, he didn't. And, Iwakami didn't ask him to do so.

Ms. Numauchi is not saying her problems are from radiation exposure. She wants to know why they've been happening to her, her friend, and her husband. With a nationally known radiation specialist and a popular independent journalist telling her it's just stress because she is a woman, she must be disappointed.

I guess her husband, who suffers numb feet and severe fatigue, must also be suffering from feminine stress.

## **Interview with Fukushima woman losing hair, nails, teeth**

05:54 PM Jan 11, 2012 | 29

-2237- Interview with Fukushima woman losing hair, nails, teeth (PHOTO, VIDEO)



[Minamisoma blogger on Ustream](#),  
*Fukushima Diary*, Jan. 10, 2012:

*Translated Transcript Excerpts*

*Iwakami Yasumi: Symptoms?*

*Numauchi Emiko:*

*Diarrhea*

- From June to August, had diarrhea like water

*Numbness*

- Fingers (except for the thumb and pointing finger) got numb
- More and more areas started feeling numb
- It hurt too
- arms and neck didn't have numb
- one month and half have passed since the beginning, numb feeling disappeared

*Mouth/Teeth*

- From 8/18, my jaw started having terrible pain
- In October, felt like something was stuck between the teeth, and 3 teeth fell out
- After all, 4 teeth fell out
- had remaining teeth pulled off too because they hurt too much
- lost 8 teeth in total

*More Symptoms*

- My hands got bladder ??? on 10/20 (not itchy or painful, grew every 10 minutes, yellow water is inside) my legs got bladder too

*Fatigue*

- Next symptom was fatigue
- Couldn't move for 3 days
- 11/9, extreme fatigue - Couldn't even open my eyes
- Felt too tired to sit on chair
- Met old friend (42) She and her husband both were suffering from fatigue

*High Fever and Blood Pressure*

- 10/26, got fever - Average temperature was about 35°C but it went up to 37°C
- Blood pressure increased too (140,93)

*Hair Loss*

- Start losing hair from November - Niece told me I was balding.
- Kept losing hair in December too
- Had my hair cut to be 3cm but still kept losing
- Met old friend (42) - She had hair until October but had to wear a wig in December

*Nails Lost*

- Nails dropped off, too

*Bleeding*

- Husband had nosebleed
- He has hardly had nosebleed

Full transcript [here](#) For more information visit: [iwj.co.jp](http://iwj.co.jp)

08:51 AM Dec 8, 2012 | 31 -  
-4929- Fukushima door-to-door survey reveals clusters of residents with nose bleeds, diarrhea - bizarre rashes, fevers

01:03 PM Jan 11, 2012 | 45  
-2235- Japan Chief Cabinet Secretary laughs when told about children's radiation concerns (VIDEO)

03:26 AM Aug 6, 2012 | 73  
-3950- Radioactive cesium reported in Kellogg's cereal from Japan - Almost 20 becquerels per kilogram (PHOTO) Cs-134 @ 8.95 Becquerels/kilogram (Bq/kg) Cs-137 @ 10.76 Bq/kg Total Cesium @ 19.71 Bq/kg

01:17 PM Nov 3, 2014 | 143

-8485- Food products heavily contaminated by Fukushima found in U.S.; Over 30,000 pCi/kg of cesium, also had Cobalt-60 and Antimony-124 - FDA: We found no Fukushima contamination in U.S. food supply during routine monitoring

07:04 AM Jan 13, 2012 | 49  
-2250- Bed, Bath & Beyond pulls radioactive tissue boxes from stores - Cobalt-60 detected

02:38 PM Jan 13, 2012 | 25  
-2258- If there are radioactive tissue boxes at Bed, Bath & Beyond what else is taking place? - Cobalt-60 item available for purchase online (VIDEO)

# Foreword

I've presented info to you in numbered exhibits for kids who want to win arguments with their parents, and for attorneys who want to win arguments in court.

Attorneys are just grown up kids, so they should *get it*.

## 1. Hard Truth

The first thing you need to know about winning arguments with your parents to save the animals, and winning arguments in court, is that nuclear energy is not safe for living things.

Nuclear energy is not safe, and it is not clean. Anyone who tells you it is safe, and it is clean, is ignorant of reality, or an evil person, or is an enemy of Life, and all living things.

If your parents believe in nuclear energy, then the best you can do is to try to educate them to the truth. Truth is scary. Good luck.

Know the truth. Tell the truth. Save animals. That's what this book is for.

It's not to make you cry.

It's not to make you mad.

It's not to make you feel hopeless.

All these things you get for free, along with the hard truth.

**Nuclear energy hurts then starts to destroy every living thing it touches.** That includes very big mammals like whales, and it includes medium sized mammals like people, bears, dolphins, sea lions, mountain lions, cows, and horses; and, it includes smaller mammals like dogs, cats, goats; and very small mammals like mice, rats, squirrels, rabbits.

But, nuclear energy hurts then kills other animals besides mammals (including humans). It hurts fish, birds, butterflies, turtles, bees, flies, insects, starfish, and sea urchins. It hurts sea weed, plants, trees, flowers, mushrooms, grass, berries, strawberries, melons, squash, tomatoes, corn, and hay. It even hurts viruses and bacteria. It hurts water and sky and earth and fire, by changing their God-given nature.

**God might say, that all living things that reproduce themselves after their own kind, are hurt by nuclear power.** Because a vote for nuclear power, is a vote against Life, itself ...and, a vote against Divine Order. God made DNA

so that all living things could reproduce themselves after their own kind. That cats would create perfect kittens. That dogs would create perfect puppies. That people would create perfect children. That whales and dolphins and fish and flowers would create perfect reproductions of themselves, after their own kind.

Nuclear power is destroying DNA, and the ability of DNA to reproduce itself, after its own kind, and the ability of animals to faithfully reproduce themselves after their own kind. And, plants, trees, flowers, bees, butterflies ...you name it.

Nuclear power has put a contract out on their lives. And, on yours.

## 2. Facts of Life & Death

April 2017

3:28 PM Apr 24, 2017 | 66

-8869- Mass die-off ongoing along US West Coast - TV: "It's just not clear why all the marine life is washing up like this. Reports

coming in every day" - Experts: 'Unknown' organisms eating away brains, hearts - New infection never seen before (VIDEOS)

Currently, the G8 central banks want you to believe that it is not the nuclear energy industry that is destroying all Life on this planet. The G8 wants you to think it is global warming. The G8 creates all the nuclear energy problems because it owns the nuclear energy. Banks like the World Bank, The International Monetary Fund, The Import Export Bank, and The Bank of International Settlements ...all pressure countries to install nuclear power as a condition of qualifying for a loan and borrowing money or getting foreign aid from the U.S. That is hidden from you by a corrupt Congress.

Then, G8 blames all the new and mysterious diseases on global warming.<sup>a</sup> It's like pin the tail on the donkey, or piñata ...except, there is no donkey, and there is no piñata ...you keep wandering around blindfolded in the dark, forever trying to save the animals, without knowing who to blame for killing them.

In Ukraine and Belarus in Russia, the former Soviet Union, they had a nuclear reactor that blew up and melted down and destroyed all kinds of living things, and the ability for life to reproduce itself after its own kind.<sup>b</sup> Their scientists discovered that nuclear energy mutates and distorts viruses and bacteria, so that viruses and bacteria now create new and mysterious diseases, unknown to mankind, that are currently destroying Life in the Pacific Ocean.

It is not global warming that is creating new and mysterious diseases that is destroying all the life in the Pacific Ocean. It is viruses and bacteria that have

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<sup>a</sup> Global warning and global cooling cycles: <https://youtu.be/vIdTHFujDnI>

<sup>b</sup> Chernobyl.



been bathed in radionuclides that are mutating the viruses and bacteria, and the mutated viruses and bacteria are creating new and mysterious diseases.

If that's all you learn from this book, you are already smarter than the 50,000,000 democrats that voted for Hillary, and smarter than the 50,000,000 republicans that voted for Trump.

It's that simple.

That's because not one of those 100,000,000 people is smart enough to stand up against the propaganda machine that dumbs them down and makes them argue about things that don't matter, like, 'who is taller?', democrats or republicans? ...instead of uniting as one people in a common humanity to stop war, to stop hunger, to stop disease, to stop junk food, to stop homelessness, to save the animals ...the minds of 100,000,000 people are junk food. Want some?

Instead, these mind control robots argue about Trump's income taxes, or about Hillary's body double, or Obama's pension.

The bible says, "These things ye should have done, and not left the others, undone."

Stopping nuclear energy is one of the things you can do, and should do, to save the animals.

Either you will undo nuclear energy; or nuclear energy will undo you.

Because, *you* are an animal, too!

## 3. Grown-ups suck

Look at it this way, only the kids care enough about saving the animals to see that grown-ups refuse to blame the fallout from Fukushima in the sky and ocean and water for destroying living things in the Pacific Ocean, and for making the milk too radioactive and unsafe to drink across the U.S.A., and for poisoning the water across the U.S.A. ...and, the food, too.

Those same grown-ups fail to see the danger in this country from all the nuclear energy reactors.

It looks more and more like humanity will first destroy the animals, and then, since humanity are animals, will destroy itself.

In the U.S., epidemiologists (the people who study the spread of diseases), figure 20,000 people have died from in the U.S. from fallout from Fukushima, Japan.

No one thinks about the animals.

I think another 20,000 mammals have died. And 20,000 others.

When the governments tested nuclear weapons in the sky, called *atmospheric testing*, they said only one million people died. But, today, scientists and epidemiologists decided to count the health affects of sustained low level

radiation. And, they have come up with a new death toll: 60,000,000 dead from fallout, and 120,000,000 cancers. And, counting.

No one thinks about the animals.

I think another 60,000,000 mammals have died, too. And 120,000,000 have gotten cancer.

What about other animals that are not mammals, that do not have mammary glands, and do not nurse their young ...the snakes, fish, shellfish, clams, lobsters, salmon, tuna, birds, bees, butterflies ...I think in each species they too have suffered 60,000,000 deaths and 120,000,000 cancers ...many times over.

## 4.

### Death on the installment plan -- for girls

Epidemiologists in the United States report a 25-mile zone around nuclear reactors, wherein normal day-to-day operations, there is a higher cancer rate, more-so with women, girls, pregnant women, babies and in uteri life, than with men and boys.

#### Review of the literature

Exhibit No. 1



07:11 PM Oct 26, 2011 | 110

-1615- Top U.S. nuclear official bursts into laughter after question on deaths of Fukushima workers (VIDEO)

Exhibit No. 2

07:04 AM Jan 13, 2012 | 49

-2250- Bed, Bath & Beyond pulls radioactive tissue boxes from stores - Cobalt-60 detected

Tissue holders pulled from stores in NY, elsewhere, AP, Jan. 12, 2012:

Metal tissue holders contaminated with low levels of radioactive material may have been distributed to Bed, Bath & Beyond stores.

Nuclear Regulatory Commission spokesman David McIntyre said that someone keeping one of the boxes on a vanity in the bathroom and spending about 30 minutes a day near it for a year would receive the equivalent of a couple of chest x-rays.

The products were shipped from India. The Nassau County Department of Health, where two of the boxes were shipped to the retailer's stores, said the items were removed and taken to a "safe location." The county Health Commissioner reiterated that the boxes posed "no imminent public threat."

Authorities said the tissue holders contain manmade cobalt-60.

# 5. Extreme nuclear danger

## Review of the literature

February 02, 2017

**Abstract:** <>Nuclear power can be shut down by enforcing the regulations we have. But, the five Nuclear Regulatory Commission (NRC) commissioners are political appointees vetted by the Nuclear Energy Institute (NEI), a pro-nuclear lobby.<sup>a</sup> They have *sold out*.

<>Trump wants to build, buy and sell, 'American'. But, nuclear power plants are now made in China, South Korea, and Japan in modular sections, then shipped to and assembled in other countries. The logo of an American company on a nuclear reactor does not mean American jobs are being created: Westinghouse is owned by Toshiba; General Electric is owned by Hitachi; Toshiba and Hitachi are Japanese companies, in Japan.

<>We are not at all energy independent if we have nuclear power; 'American' uranium mines are owned by Russian companies; 20 percent of uranium running American nuclear power facilities comes from America,<sup>b</sup> 80 percent comes from Russia, Australia and Canada.

## Review of the literature

December 7, 2016

### **Arnie Gundersen and Grayson Webb on CCTV<sup>c</sup>**

**Abstract:** It's a nuclear consortia. The American names are General Electric and Westinghouse. General Electric is owned by Hitachi, and Westinghouse by Toshiba (two Japanese firms).

- When they come to Congress they look like American companies ...but the components are made in Japan, South Korea & China.
- You hear it's expensive but good for American jobs, *that's not true*.
- All that work is going to Japan, Korea and China.
- What are they? ...international consortia lining up for trillions of dollars in handouts from Congress.
- Rick Perry runs the U.S. Department of Energy. *Perry has backers who want to build a waste dump in Texas.*

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<sup>a</sup> <http://www.fairewinds.org/nuclear-energy-education//ecoshoek-interview-extreme-nuclear-dangers?rq=bernie%20moved>

<sup>b</sup> [Editor's note: Is that what Hillary sold to Russia?]

<sup>c</sup> <http://www.fairewinds.org/nuclear-energy-education//arnie-gundersen-and-grayson-webb-appear-on-cctv-december-7-2016>

Here's a related abstract:

### Review of the literature

June 14, 2017

**Abstract:** “Energy Secretary Rick Perry is cooking up a case to stifle further federal support of renewable wind and solar energy.

He's ordered a dubiously sourced staff study that is aimed to paint renewables as an unreliable source for the nation's electric grid.

“The study, due June 23, seeks to determine if federal tax and subsidy policies favoring renewable energy have burdened ‘baseload’ coal-fired generation, putting power grid reliability at risk. It is spearheaded by Energy Department political appointee Travis Fisher, associated with a Washington policy group that opposes government aid for renewable energy.

“Fisher wrote a 2015 report for Institute for Energy Research that called clean energy policies **‘the single greatest emerging threat to the nation's electric power grid, and a greater threat to electric reliability than cyber-attacks, terrorism or extreme weather.’**”

“A letter from Advanced Energy Economy, American Wind Energy Association and Solar Energy Industries Association disputes the Administration's premise: ‘Policies supporting deployment of these technologies do not play an important role in decline of coal and nuclear plants. Studies demonstrate low natural gas prices and stagnant load growth are the factors behind retirements in coal and nuclear plants.’”

### Review of the literature

Exhibit No. 4

01:43 AM Dec 16, 2013 | 133

-6812- CNN, Huffington Post listed as ‘external stakeholders’ in NRC -outlets to help NRC increase online influence - CNN produces pro-nuclear infomercial

08:44 AM Jan 12, 2012 | 20

-2242- Child leukemia doubles near French nuclear plants

10:54 AM Jul 22, 2011 | 97

-1044- France sends irradiated nuclear fuel - Six casks off-loaded in Georgia trucked 1,600 miles to Los Alamos

10:27 AM Oct 22, 2011 | 18

-1586- German Study: Children living by nuclear plants - double leukemia rates, more cancer - Reactors cannot prevent radiation escape (VIDEO)

02:36 PM Feb 15, 2012 | 30

-2612- Evidence links nuclear plants to ill health - UK blames unidentified virus for childhood leukemia rise

07:31 AM Jul 22, 2011 | 37

-1041- Al Qaeda recruit worked at five U.S. nuclear plants (VIDEO)

11:14 PM Feb 23, 2014 | 55

Japan infant doses censored by U.S. -8023- NRC official in Japan compares Fukushima to never-never land - U.S. warns France not to publishing high radiation doses for infants in Tokyo

02:40 PM Dec 3, 2012 | 31 -

-4895- Gundersen: 70,000 shad in river before nuclear plant - now 16, not 16 thousand, sixteen - We've decimated the population (VIDEO)



# 6. Cost to living things<sup>a b</sup>

## Review of the literature

December 21, 2011

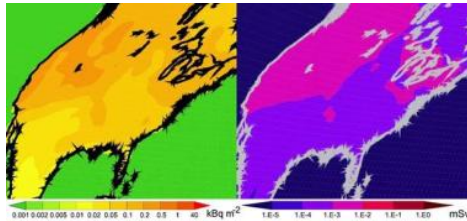
**Transcript abstract:** Arnie Gundersen of Fairewinds Associates (a leading nuclear expert) and Warren Pollock (www.wepollock.com) redefine the Fukushima nuclear incidents (meltdowns and explosions) in terms of human and total cost.

At 16:55 in <>After Japan, the next hottest area is the Pacific Cascade Mountain Range [from Vancouver British Columbia, through Washington State, Oregon, to Mount Shasta in California <> A lot of the radiation came across the Pacific and hit the mountains, hit the Rockies, and deposited on the west side of the Rockies <> We've seen readings in Portland areas of 100 [becquerels/m<sup>2</sup>] disintegrations per second in a square meter of cesium 134 and 137

At 17:55 in <>We'll see a statistically meaningful increase in cancer on the west coast but I don't think we'll be able to compare it to what they got in Japan.

## Review of the literature

Exhibit No. 5



07:40 PM Jan 29, 2014 | 145

-7025- Fukushima fallout in U.S. - Dose in Northeast and Great Lakes equal to West Coast (GRAPHIC-<sup>c</sup>) French Institute of Radioprotection & Nuclear Safety (IRSN, 2012): 73 radionuclides were released by

<sup>a</sup>[http://www.youtube.com/watch?v=4spUp\\_LzEPM&feature=ghist&context=G2aca042AHTvLGZAACAA](http://www.youtube.com/watch?v=4spUp_LzEPM&feature=ghist&context=G2aca042AHTvLGZAACAA)

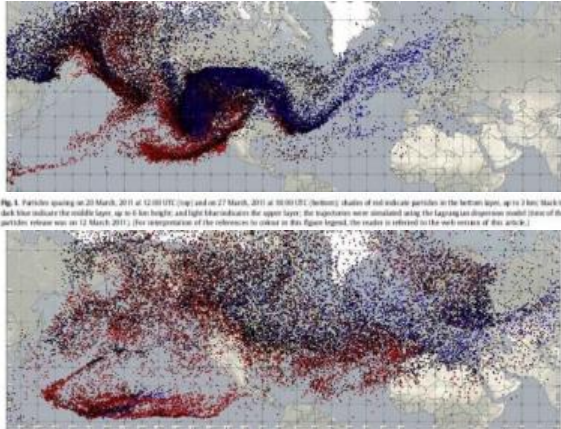
<sup>b</sup> Uploaded by: wepollock

<sup>c</sup> (L) Global cumulative deposition of radiocesium (134Cs and 137Cs) after Fukushima NPP accident at end of 2011. (R) Annual effective dose from radiocesium exposure due to inhalation, surface deposition and fallout transport.

*Global and local cancer risks after the Fukushima Nuclear Power Plant accident as seen from Chernobyl: A modeling study for radiocesium (134Cs & 137Cs)*, Nov. 29, 2013: ... The highest deposition was found in the pixel of Fukushima (in the range of MBq m<sup>2</sup>), where deposition exceeded the contamination limit affecting an area with more than 9 million inhabitants. In the West USA the deposition was found between 100 and 500 Bq m<sup>2</sup> decreasing to the East. For the South-west USA, Wetherbee et al. (2012) reported that the deposition of 137Cs was 30-240 Bq m<sup>2</sup> and 2-46 Bq m<sup>2</sup> for 134Cs, which is in the same order as in our calculations (Fig. 1). The same investigators reported a deposition of 137Cs in Alaska to be 16-27 Bq m<sup>2</sup> and around 55 Bq m<sup>2</sup> for 134Cs similar to those presented here (50-100 Bq m<sup>2</sup>). In the rest of the US they measured 137Cs between 1 and 45 Bq m<sup>2</sup> and 134Cs between 1 and 3 Bq m<sup>2</sup>, which are close to ours (50- 200 Bq m<sup>2</sup>) - According to the French Institute of Radioprotection and Nuclear Safety (IRSN, 2012) approximately 73 radionuclides were released after Fukushima. Therefore, one

Fukushima. Only radiocesium studied instead of 73 radionuclides emitted

-7024- Scientist Marco Kaltofen found areas with considerably higher radiocesium deposition than 500 Bq/m<sup>2</sup>-<sup>a</sup>. University Researcher: Portland-area topsoil with up to 8,000 pCi/kg of cesium from Fukushima -- 10,000% higher than highest levels found by UC Berkeley



(Above) Particles spacing on 20 March, 2011 at 12:00 UTC (top) and on 27 March, 2011 at 18:00 UTC (bottom); shades of red indicate particles in the bottom layer, up to 3 km; black to dark blue indicate the middle layer, up to 6 km height; and light blue indicates the upper layer; the trajectories were simulated using the Lagrangian dispersion model (time of the particles release was on 12 March 2011). (The interpretation of the references to colour in this figure legend, the reader is referred to the web version of this article.)

-7023- All of Western U.S. and most of East Coast, Midwest, Canada covered with airborne particles at various altitudes on March 20, Fukushima plume model shows - [Based solely on Reactor No. 1 explosion (PHOTO)]

-7022- Follow-up to: U.S. Regulator: We've got to stop labs from testing for Fukushima radiation - Tell them to back off - Worried about them talking to press about 'consequences'

-7021- Following study appeared in Journal of Environmental Radioactivity. A previous report: New Study - Aerosolized plutonium from Fukushima detected in Europe - spent

might argue on the low impact concluded in our study claiming that only radiocesium has been studied instead of 73 radionuclides emitted.

fuel indicated - based on abstract available online.

-7020- Lujanien et al., Radionuclides from Fukushima accident in air over Lithuania: measurement & modelling approaches, ibid. (2012)

-7019- Study shows Fukushima nuclear pollution becoming more concentrated as it approaches U.S. West Coast - Plume crosses ocean in a nearly straight line toward N. America - Appears to stay together with little dispersion (MODEL) Aug 20, 2013

-7018- Gov't model shows West Coast of N. America to get highest level of Fukushima contamination until 2030s (VIDEO) Nov 26, 2013

-7017- UPI: Fukushima plume to reach U.S. West Coast in months; Measurable increase in radioactive material - Study: Prolonged exposure for California lasting 10 years; Hits Hawaii early 2014... may already be surrounded (PHOTO) Aug 28, 2013

-7016- Study: Those lacking wisdom expected Fukushima plume to disperse before hitting West Coast - In reality sharp features were detected even after several days travel (PHOTO) Dec 2, 2013

-7015- Experts: Fukushima plume headed to West Coast isn't just going to pass by like smoke, plant continues to spew into ocean; Pacific to be full of contamination, it's a gigantic experiment - Amazing how many people are in denial (VIDEO) Nov 15, 2013

-7014- West Coast will soon be hit by 800 trillion Bq of Fukushima Cesium-137 - nearly equal to amount of fallout deposited on Japan - levels in Pacific higher than expected - Main body of surface plume off coast of U.S. - **never slowed down while crossing ocean, contrary to prediction**, June 7, 2015

<sup>a</sup> Scientist Marco Kaltofen found areas with considerably higher radiocesium deposition than 500 Bq/m<sup>2</sup>

# 7. Russians are at it, again

## Preface, Part 1

### Review of the literature

Exhibit No. 6

07:18 PM Jun 11, 2011 | 74

-708- Fukushima health study: 100 mSv/yr okay for pregnant moms - Effects of radiation do not come to happy people -

they come to people that are weak-spirited  
- Soviets required mandatory evacuation at Chernobyl at 5 millisieverts.

## A nightingale without a song to sing

One day, minding my own business surfing the net on youtube, innocent of the subject matter of this book as a jaybird on a telephone pole squawking, I stumbled upon a video. It documented a journey with a dog along thousands of miles of British Columbia coastline and neighboring islands.

That coastline is beautifully covered with tide pools and teeming life, perhaps the most beautiful coastline in the world according to tourists and divers -- purple, red, yellow, green and blue creatures, starfish, sea urchins, sea anemones, seaweeds swaying gently in currents, oysters and shellfish nested in layers, stacked beside, atop one another in a shoreline rainbow of living sea, as had thrilled many a child, adult and dog.

The only problem: those pictures were taken before March 2011.

02:30 PM Aug 15, 2013 | 31

-6189- Fairewinds on Troubling Events During Nuclear Disaster: Noise that sounds like rain when it's not raining - Family had five pets die in hours, all found with 'milky white' eyes - Woman engulfed in wave of heat, later told kidney 'died' (AUDIO)

-6189.1,.2 Testimonies of people living near the Three Mile Island nuclear plant at the time of the accident in 1979 - *Mechanic who lived about four miles from the nuclear accident*: My eyes were red and burning. I felt like I was looking through water. On Friday, we decided to evacuate. While packing our truck, a township police officer in a closed car shouted over his loudspeaker system,

'Bill, don't breathe this air. Get inside.' ... When we returned home, we went in the garage first and found our male German shepherd had died. His eyes were milky white. We had provided about 100 pounds of food and 50 gallons of water. However, he had only drunk water before he died. We had five cats that lived in a box on the back porch. All but one was dead. All the cats had milky white eyes. The one living cat had one eye that was milky white. Skin grew over this eye during the following weeks. This cat lived about six months after the accident. She had kittens prior to her death. The kittens were born dead and hairless.

12:43 PM Oct 28, 2014 | 154

-8478- Truly Frightening: Doctors being threatened for linking illnesses to Fukushima - Strange tumors, kids dying, pets dying - Much higher incidences of whole range of health problems reported - experts: 1,000,000 cancers - many other ailments possible (AUDIO & VIDEO)

01:19 PM Oct 1, 2013 | 36

-6472- WSJ: Huge spike in dogs biting humans in Fukushima town; attacked without aggression, 70% to upper body - Study: May be associated with nuclear disaster - Gundersen: Research on animal defects hidden from public (VIDEO)

11:27 AM Nov 12, 2013 | 160

-6680- Hundreds of sea turtles wash up dead on Pacific coast - dogs stop breathing and die almost instantly when eating them - many with reproductive problems

-8806.1- **(historical) Piles of dead lambs with 2 heads, no legs - born without eyes or mouths - legs grown together;** cats & dogs: St. George, Utah & Walla Walla, Ritzville, Hanford, WA - (VIDEOS)

02:26 PM Oct 21, 2014 | 671

-8470- Never heard of so much sickness & death in such a short period says Fukushima evacuee - Writes about strange diseases in young people, deadly tumors and hemorrhages, pets missing hair, child losing all their fingernails, polydactyl baby - Doctor: My friends are dying of cancer, one after another

12:05 PM Mar 6, 2013 | 6

-5493- Dad and son in Fukushima jail since Jan after rescuing animals in exclusion zone

### **Loss of innocents**

Photos of the tide pools, showed no life at all. It was all missing. How was that possible? Only one bird was seen. No insects.

09:05 AM Oct 15, 2012 | 27

-4523- Fukushima Woman: Children are already starting to have health problems - we hardly saw mosquitos, moths, beetles this summer (VIDEO)

-8298.5- Japan TV broadcast: Mutations in animals and plants after Fukushima - Scientist: Very few insects, only 2 birds (PHOTOS & VIDEO) Dec 4, 2012

Tide pools and shoreline were dead gray. It was dead silent ...no seagulls at all, just a lone eagle circling above, searching for food.

01:56 PM Jan 1, 2014 | 77

-6874- Unprecedented disease outbreak to blame for dozens of bald eagles deaths - A major development - really kind of undocumented - virus may have mutated - Brains hemorrhaging, immune systems fail, why are they now more susceptible? (VIDEO)

Idaho officials reporting similar sickness - hard to have national bird in your arms, going through seizures (AUDIO)

09:30 AM Dec 29, 2013 | 186

Illness killing bald eagles in western U.S. - wings paralyzed, full blown seizures -6861- 'High Alert': Mystery illness kills bald eagles in Western U.S. - Wings paralyzed, seizures - Experts: Very big concern... Never seen anything like this... We just don't know what's going on (VIDEOS)

03:24 PM Dec 30, 2013 | 66

Utah - Idaho: 20-30 Bald Eagles suffer seizures, head tremors & paralysis -6866- LA Times: Experts suggest bald eagle deaths are related to Fukushima radiation -

### **A little denial goes a long way**



Some swore it was airborne and seaborne nuclear fallout from Fukushima Dai-ichi reactor explosions and meltdowns ...that the mainstream news denied even happened, as did the operator, Tokyo Electric Power Company (TEPCO).

Wait a minute, hadn't I heard something about that four years before? ...the tsunami ...the offshore earthquake that flooded Japan and the reactor at Fukushima Dai-ichi ...that was ancient history.

But, here was the absence of krill causing whales to starve, absence of feeder fish, no herring causing dolphins and sea lions and seals and pelicans to starve ...the growing absence of tuna and salmon from Alaska to Mexico ...and, Pacific sea life dying from mysterious diseases.

05:10 PM Feb 5, 2017

-8841- Record whale deaths in Hawaii - throughout islands in Pacific - Sick and starving mystery to experts - Possible health effects from Fukushima radiation off coast (VIDEO)

California; Experts baffled, longtime residents astounded - Biologist: It's a very strange year - Similar to 'extraordinary' events seen recently along Canada's Pacific coast? (VIDEO)

12:15 AM Nov 4, 2013 | 63

-6643- Sardine population plummets along U.S. West Coast - AP: Collapse of species feared - Canadian Pacific fishermen catch no sardines in 2013

08:48 AM Dec 1, 2012 | 6 -

-4879- Tests indicate Minnesota pelicans exposed to contamination in Gulf - Concern for what it could do to population - Dispersant chemicals in 1/3 of birds - Official: 'Really interesting' results coming in

07:59 PM Jun 2, 2014 | 92

-8262- Drastic plunge in baby California pelicans - from 1,000s to 10 or less - zero born in study areas

10:05 AM Jul 28, 2014 | 440

-8336- AP: Marine birds disappearing in Pacific Northwest - ecological shift, crashes in many species - herring problem worse than revealed; Mexico bans Bluefin tuna fishing

05:00 AM May 28, 2014 | 126

-8253- 1% of usual number of baby California pelicans; failure to breed; Only 20 newborns in area where 10,000 expected (AUDIO)

12:34 PM Jul 21, 2014 | 226

-8330- Radiation detectable in tuna at California coast - bio-accumulation - Fukushima reactor leaks may gather as a lump and drift offshore (VIDEO)

09:34 AM May 1, 2014 | 77

-8207- SF Chronicle: Unbelievable hordes of fish near California coast; birds, sea lions, dolphins, whales, pelicans

3:40 PM Mar 19, 2017 | 111

-8861- Report: Hundreds of millions of Pacific salmon missing, presumed dead - Gov't issues emergency order along U.S. West Coast - Japan suffering historic collapse, fish starving to death - All forms of ocean life dying in stunning numbers across Pacific

04:02 PM Dec 22, 2013 | 70

-6841- Experts: Really an off year - Pelicans starving in Pacific Northwest since 2011, killing baby birds for food - Breeding success really poor since 2011 - I believe pelicans are responding to large scale changes - Sardine crash persists in Pacific since decline in 2011

09:58 PM Apr 29, 2014 | 92

-8202- USA Today: Radiation tripled in some albacore tuna off West Coast after Fukushima - Bio-accumulating in bones, not only flesh - Additional exposures to plume could further increase radiation levels

09:08 AM Nov 25, 2013 | 106

-6739- NY Times: Unprecedented concentration of sea creatures near shore in



- NOAA-funded study to expand after significant findings (AUDIO)

08:27 PM Feb 16, 2014 | 136

Cousteau warns Californians

-8002- Fukushima plume: could be dangerous, keep eye on reports; not touching Bluefin tuna, I'm done due to pollution - leaders personally reluctant to eat fish

Mar 30, 2017 12:43 PM | 163

-8866- Most catastrophic fisheries collapse in history expected along West Coast - Official: This is a nightmare, I have never in my life dreamed that it could get this bad - Threat of coast-wide fishing failure (VIDEO)

05:43 PM Aug 1, 2015 | 321

Salmon covered in fungus & red lesions all over, big gaping sores - millions dead

-8689- USA Today: Millions of fish dead in Pacific Northwest - Ocean conditions have gone to hell - Salmon covered in fungus, red lesions all over, big gaping sores - Extinction concerns (VIDEO & PHOTOS)



01:47 PM Mar 13, 2017 | 21

-8857- Fish leaking pus, covered in lesions, deformed along US West Coast - Fisherman: Nearly all fish caught affected; I've never seen this... Some had pus all over body - Official: So many are showing illness, environmental conditions could be a factor (PHOTOS)

08:36 PM Dec 30, 2015 | 903

Dead whales & their babies - abnormal blood clot formations in heart and lungs

-8755- Pacific Rim/West Coast: Endangered whale dies, abnormal blood clot formations in heart and lungs; baby whale carcasses on beaches U.S., Canada, Mexico (VIDEO)

05:31 AM Oct 23, 2015 | 121

-8730- Mexico, Gulf of California: Hundreds of dolphins, sea lions, turtles and rare sea animals floating on water and dead on beaches (PHOTOS)

### ADF&G investigates black lesions found on tomcod



6733.7- Mysterious deadly black fungus being found on fish in Pacific Northwest - Gov't: There was some concern Fukushima radiation could be involved - Biologists investigating how this land-based mold is now appearing in ocean - Many reports of unusual rotting sores, growths, bumps, cancer (PHOTOS) May 21, 2015

-6733.9- Alaska Native Tribal Health Consortium---02-02-15 - Whitefish that had a bulged out eyeball and some type of growth around the cheekbone. Would like to know the cause of these observed abnormalities -- -12-10-14 - Whitefish has a brownish moldy growth all over body. We would like to know more about what is going on with our fish and why this is happening ---10-24-14 - Trout appeared to have sores rotting or decaying... have never seen these sores before... We are still seeing a lot of fish with these kinds of conditions ---06-12-14 - A

codfish that was caught with a deep cut or sore on it was pulled in... We are not really sure what happened to this poor cod, but we think it is unusual ---05-26-14 - Whitefish that had a growth on its dorsal fin. Other fish were also caught with a similar condition... ADF&G: This whitefish has... probably a neoplasm (cancer) ---02-17-14 - Fish... found with lesions on them... Other people also said they saw these bumps... elders who said they have seen fish with skin bumps like this once before... people are still worried because they are not sure what it is this time.... these bumps... were like puss. There are quite a few people who are worried.

-6733.10- Billions of mysterious creatures dead along West Coast - Literally covering all of Oregon coast - Washing up from California to Alaska - Expert: Death totals are staggering, (VIDEO) May 3, 2015

8701.A- [editor's note: duplicate number error -8702- renamed -8701.A-] Horrific environmental mystery... Everyone's freaked out: 1,500% normal death rate in whales off West Coast - Gov't declares unprecedented Unusual Mortality Event - Scientists alarmed, no idea what's happening - Expert: it's all going to cascade up to us - Other die-offs being reported (VIDEOS)

10:23 AM Aug 20, 2015 | 888

-8701- Unbelievable!: Scientists stunned as 3 rare giant oarfish found dead off Los Angeles in recent weeks - Flesh falling apart while still alive, body parts missing - Biologist: Of course I'm very concerned... for some reason they're dying... it's very strange - Being tested for toxins (VIDEO)

-6739.1- excerpt from above story: New York Times, November 24, 2013: It began with the anchovies, miles and miles of them - in the waters of Monterey Bay. Then the sea lions came, by the thousands - the pelicans - bottlenose dolphins in groups of 100 or more have been spotted - it was the whales that astounded even longtime residents - more than 200 humpbacks - and, on a recent weekend, a pod of 19 rowdy orcas - the water in every direction roiled with mammals - For almost three months, Monterey and nearby coastal areas have played host to a mammoth convocation of sea life that

scientists here say is unprecedented in their memories - never that anyone remembers have there been this many or have they stayed so long - Last month, anchovies crowded into Santa Cruz harbor

-6739.2- Scientists warn of mass die-off along California coast -Seafloor littered with dead fish, washing up as far as I could see - Toxin spread all up and down West Coast - Very unusual... extraordinary (VIDEO) Jun 2, 2015

-6739.3- CBC News: Something odd in Pacific; Sea creatures acting strangely, species turning up where rarely seen - L.A. Lifeguard: Used to be two shark sightings a year, now it's two a day (VIDEOS) Nov 27, 2013

-6739.4- Toxic bloom basically eating the West Coast alive - Unusual deaths up and down the Pacific coast - All populations of marine mammals are way down in areas - Experts: Largest ever recorded... This is really unprecedented territory (VIDEO) Aug 9, 2015

-6739.5- Whale Expert, Vancouver: In 30 years I've never ever seen this behavior, They must sense this is a safe place to be - Captain: I've never seen anything like it in 50 years on Pacific - One even placed its head on the boat (VIDEO) Nov 30, 2013

-6739.6- Surge in marine mammal strandings on West Coast - My biggest fear is if this... is everywhere along coast - Whales, dolphins, sea lions, birds recently washing up in large numbers - thousands likely dead - Violent seizures shown on news (VIDEO) Aug 30, 2014

### **Manatees die in droves on Florida coasts - deaths of pelicans, turtles, dolphins**

10:56 AM Mar 29, 2013 | 54

-5680- Manatees die in droves on Florida coasts - deaths of pelicans, turtles, dolphins increase - Scientists fear this is the beginning of a devastating ecosystem collapse

12:40 AM Aug 11, 2015 | 803

-8695- U.S. Gov't Expert: Fukushima is always on people's minds... a lot of concern and worry about radiations role in unusual marine deaths - Reports of shrunk or enlarged organs, black kidneys, sores on liver, slime in mouth, discolored skin - Mortality in intertidal zone like we haven't seen before (VIDEO)

01:57 AM Aug 7, 2015 | 322

-8692- U.S. Gov't: We don't know what's going on in Pacific - Many ill baby seals being abandoned; Dozens of walrus found dead; dying whales, birds, fish (AUDIO)

### **Shorelines from Alaska to Mexico now graveyards**

Starfish dissolving, oysters gone, harbors flooded with dead fish, shorelines from Alaska to Mexico mass graveyards for every form of sea life

### **Salmon, sardines, squid, sea urchins, sea star extinction threat**

09:37 AM Feb 23, 2016 | 109

-8778- Pacific Rim: Extinction threat: salmon; sardines, squid, sea urchins, kelp, sea star; marine mammals

09:28 AM Feb 22, 2016 | 316

-8777- Fukushima - to dump past, present, future nuclear waste and debris into Pacific

### **Hundreds of millions of sea stars dead**

11:38 PM Sep 15, 2015 | 499

-8712- West Coast: Disease re-emerges - hundreds of millions of sea stars dead - changes in genes - sea life disappears; tide pool communities fail (VIDEO)

### **Starfish multiple species - millions dead**

12:30 PM Jun 4, 2015 | 257

-8648- West Coast: Scientists tell details of mass starfish mortality from summer 2011 - millions of deaths before sea star wasting syndrome - Multiple species wiped out in days - mortality rate of 99.99% over large region

### **Sea star epidemic**

09:18 AM Apr 7, 2015 | 659

-8605- National Geographic: Newly discovered mass mortality in sea creatures along California coast - Body parts falling off, animals wasting away - Researchers fear sea star epidemic has spread (PHOTOS)

### **Sea stars die by millions on west coast**

01:11 AM Jul 29, 2014 | 240

-8338- Sea stars disappear from Orange County coast over 2-week period - largest epidemic ever in ocean - something changed in marine environment to lead to this (VIDEO)

### **Sea star epidemic**

08:13 PM Jun 11, 2014 | 177

-8278- Experts: Disease explosion in West Coast sea stars - extinction event close - epidemic threatens to decimate entire population of species in Oregon - 50-fold increase in recent weeks - ecosystem could be disrupted - no clue (VIDEO)

### **Sea stars decimated on West Coast**

02:21 PM Apr 5, 2014 | 159

-8145- Sea stars decimated on West Coast - SoCal ravaged as mystery disease spreads south; hundreds last year, now none - mortality event like this never before documented - uncharted waters - likes of which we haven't seen - turn to bacterial goop (RADIO)

12:28 PM Jan 30, 2014 | 214

-7030- West Coast sea stars rip themselves apart - innards spill out - melt into mush - vaporize (VIDEO)

### **Sea star epidemic on West Coast - Sea urchins, sea cucumbers affected**

05:12 PM Dec 30, 2013 | 118

-6867- Researcher: Fukushima pollution may be causing sea star epidemic on West Coast - Sea urchins, sea cucumbers also affected - Something's making them susceptible... It's unlike anything we've seen... Populations go locally extinct overnight

02:05 AM Dec 28, 2013 | 72

Sea stars turning to goo along West Coast - absorb 1000 times more plutonium than fish

-6856- Fukushima can't be excluded as factor in sea stars turning to goo along West Coast; hasn't been ruled out - proficient at absorbing radioisotopes; 1,000x more plutonium than fish (AUDIO)

07:34 PM Dec 27, 2013 | 70

-6855- Ocean currents spread Fukushima contamination across world - 4,000 miles away: radiation in seafood imports increase noticeably; time for stakeholders to be on alert (AUDIO)

**Sea stars turning to goo along West Coast - absorb 1000 times more plutonium than fish**

02:05 AM Dec 28, 2013 | 72

-6856- Fukushima can't be excluded as factor in sea stars turning to goo along West Coast; hasn't been ruled out - proficient at absorbing radioisotopes; 1,000x more plutonium than fish (AUDIO)

**All sea stars on west coast could be wiped out - guts coming out**

08:59 PM Dec 12, 2013 | 87

-6805- Marine Biologist: All sea stars along west coast of North America could be wiped out - Some developing 'bald spots'; Others look completely healthy except for guts coming out - 'Speculation' it could be related to Fukushima

05:20 AM Dec 3, 2013 | 174

-6769- Sea star die-off worse than thought; Now over entire West Coast; Going from one species to others - Gov't tests 'rule out' Fukushima - melting all at once (VIDEO)

04:05 PM Nov 17, 2013 | 150

-6702- CBS News: 'Immense mystery' as sea stars being wiped out along West Coast, could be gone for generations - Bewildering disease is spreading and no idea what's causing it, or how to stop it - Time-lapse shows all legs lost in 7 hours (VIDEOS)

12:46 PM Dec 9, 2013 | 76

-6792- Fukushima radiation possible culprit in huge starfish die off from Mexico to Alaska - Potential catastrophe, extremely virulent going on up and down coast... going to change what's out there pretty fundamentally

**Sea star breaks in half, walks away then turns to goo**

10:42 AM Nov 12, 2013 | 41

-6679- Hundreds wash up dead in Seattle. Don't know how the pathogen is doing this - Sea star broke in half, walked away, then turned to goo - 'Environmental factors' to blame? - (VIDEO)

04:05 AM Dec 1, 2013 | 162

-6762- NBC Nightly News: Another highly troubling report about what's going on in the Pacific - Millions of starfish 'melt away' from Alaska to California - Expert: Fukushima radiation 'not ruled out' as factor in epidemic - different than anything seen before (VIDEO)

**Starfish**

05:50 PM Nov 7, 2013 | 82

-6665- Mystery: starfish turn to 'slime' along Pacific coast - loss of millions and millions - Innards become exposed and fall apart - cases balloon in Alaska (VIDEO)

**Sea star rips itself into pieces**

09:05 PM Nov 4, 2013 | 67

-6649- PHOTOS: Sea star rips itself into pieces - Like a horror movie - AP: Deaths from Alaska to S. California - Biologist: Related to an environmental change? An early warning that we aren't picking up on? - Professor: None of us had ever seen anything like this before

-6649.1- Seattle TV: Warning, video of the (melting) sea stars might be disturbing - Scientists are so concerned about rapidly spreading die off on West Coast - Doubled in just a few days - Jellyfish numbers booming Nov 2, 2013

-6649.2- CBS News: 'Immense mystery' as sea stars being wiped out along West Coast, could be gone for generations - bewildering disease is spreading and no idea what's causing it, or how to stop it - Time-lapse shows all legs lost in 7 hours (VIDEOS) Nov 17, 2013

-6649.3- Reports: Sea stars decimated on West Coast - SoCal ravaged as mystery disease spreads south; saw hundreds last



year, now none - got hit really hard - mortality event like this never before documented - turning to 'bacterial goop' (RADIO) Apr 5, 2014

-6649.4- UC Berkeley Professor: California seeing Fukushima fallout won't be a surprise - 'Especially concerned' after radioactive leaks at plant were admitted - not terribly confident in information Japan is sharing Jan 19, 2014

-6649.5- NBC Nightly News: Another highly troubling report - what's going on in the Pacific - Millions of starfish 'melt away' from Alaska to California - Fukushima radiation 'not ruled out' as factor in epidemic - very different than anything seen before (VIDEO) Dec 1, 2013

#### **Starfish melting**

10:39 PM Nov 2, 2013 | 18

-6635- Seattle TV: Warning, video of (melting) sea stars disturbing - rapidly spreading die off on West Coast - doubled in just a few days - Jellyfish numbers booming

#### **Starfish suffer as a species**

03:13 PM Nov 2, 2013 | 84

-6632- Starfish population - Orange County to Alaska - eat each other then melt - similar on East Coast since 2011 - (VIDEO)

#### **Melting sea stars - 60% of species sick or dying**

07:22 AM Oct 27, 2013 | 36

-6605- TV: Like they're melting... a lot of melting sea stars out there says Seattle biologist - Veterinarian: It's concerning, in under a week roughly 60% of species are sick or dying - Same thing happening near Canada and nobody's sure why (VIDEO)

#### **Starfish epidemic moving fast**

02:06 PM Oct 14, 2013 | 54

-6545- Starfish epidemic moving fast - Turn into 'goo' in Washington, not just Canada - **Virus, bacteria or something else entirely? Will it spread to other sea life and other parts of West Coast?** (AUDIO)

#### **Starfish die-off Canada, California**

04:15 PM Oct 7, 2013 | 75

-6508- Alarming mass die-off of starfish in areas along Canada's Pacific coast - They've disintegrated, now there's just goo left - Appeared to melt - Single arms clinging to rock faces, tube feet still moving - Similar reports as far away as California (VIDEO)

02:59 PM Oct 7, 2013 | 56

-6507- Canada TV: New concerns about radiation levels in fish from Pacific - These numbers are just staggering - Contamination up considerably - It's a major event worldwide (VIDEO)

#### **Sea Urchins, starfish, abalone, mollusks graveyard**

10:54 AM May 12, 2014 | 152

-8227- **50 miles of California coast a graveyard, summer 2011 - abalone, urchins, starfish, other mollusks-** <sup>a</sup> - <sup>a</sup> - alterations in 30 genes, some unknown - kills wildlife (PHOTO <sup>a</sup>)

07:35 PM Dec 9, 2013 | 61

-6794- Weird things happening on California coast: Previously unknown toxic algae blooms proliferating; Unprecedented mass of oxygen-poor water near shore - mystery strandings of large squid covered miles (VIDEO)

04:06 PM Dec 9, 2013 | 141

-6793- Plutonium in water leaking into ocean is the most dangerous thing at Fukushima, it can be carried around world and end up on a beach or in fish - Researcher: Plutonium contamination a serious threat to environment and human health (AUDIO)

12:46 PM Dec 9, 2013 | 76

-6792- Fukushima radiation possible culprit in huge starfish die off from Mexico to Alaska - Potential catastrophe, extremely virulent going on up and down coast... going to change what's out there pretty fundamentally

10:48 AM Dec 9, 2013 | 142

-6791- Plutonium from Fukushima in New Mexico desert - Local and regional contaminations of plutonium in environment have resulted from nuclear accident



07:10 PM Dec 8, 2013 | 107

-6790- Report reveals highest level of radioactive xenon-133 to hit Canada after Fukushima over 6,000% more than gov't website claims

### **Starfish**

-8403- TV: Starfish on Pacific coast - babies die so quickly - just disappear-change in seawater could have activated deadly pathogen - ecosystem changes now appearing (VIDEO)

12:18 PM Sep 2, 2014 | 158

-8402- Fukushima forecast used by Gov't shows nuclear waste crossing ocean in single massive cluster - maximum concentration propagates eastward in Pacific toward U.S. - Highest levels worldwide remain along coast of N. America thru 2026 (VIDEO)

01:48 PM Aug 27, 2014 | 150

-8392- Japan Models show North America hit with very high levels from Fukushima plume - Radioactive material in ocean off West Coast 500x more than expected (VIDEO)

09:26 AM Dec 12, 2013 | 106

-6802- CNN: The Pacific has seen its fair share of weird recently - Bay in California now a massive soup bowl - Miles of anchovies, mountains deep - It's like none ever recorded (VIDEO)

### **Shellfish**

12:59 PM Feb 8, 2015 | 269

-8560- Shellfish disappear on west coast - systemic crisis - finding Pacific shellfish next to impossible - no local scallops, supply gone - began a few months ago, oyster farms flourishing for years all of a sudden had to shut down (VIDEOS)

### **Squid, oyster, sardine, mackerel, birds, pelican, sea lions, whales, mammals, fish - sick or missing**

03:23 AM Jun 17, 2014 | 138

-8287- Southern. California - Haven't seen a squid, usually 10,000 lbs/day - crashes at oyster hatcheries - sardines, mackerel missing in areas - pelican sites deserted -

sick sea lions - ultra-rare whales appear after decades - mammals, birds, fish in odd places

### **Mussels, clams, oysters**

07:01 PM Apr 1, 2014 | 96

-8134- High concentrations of Fukushima cesium in Vancouver area - ocean currents slow down - Levels are increasing - hotspots where radiation concentrates - chances are high for marine life to absorb it... concern about mussels, clams, oysters (AUDIO)

### **Oyster, scallop, shellfish die-offs**

11:50 PM Feb 28, 2014 | 115

-8047- Pacific Northwest: Die-off of oysters and scallops, millions of shellfish, deformed shells, smaller in size - July mortality hit 95 to 100 percent (AUDIO)

09:32 AM Jan 22, 2012 | 45

-2347- Oysters grow at double speed in North Japan - Rafts would have sunk from weight of oysters

11:05 AM Aug 18, 2015 | 520

-8700- Official: Thousands of millions of fish wash up dead in Alaska - Piles of them... I have never seen anything like it... First time we've ever heard of this (VIDEO)

06:07 PM Aug 25, 2015 | 544

-8701.C- [editor's note: duplicate number error -8701- renamed --8701.C- ] Southern California coast: Fukushima nuclear waste detected - highest levels in North America since testing program began - 8.4 Bq/m3 of radioactive cesium measured near beach between Los Angeles and San Diego (VIDEO & MAP)

07:52 AM Aug 24, 2015 | 266

8701.A- [editor's note: duplicate number error -8702- renamed -8701.A- ] Horrific environmental mystery... Everyone's freaked out: 1,500% normal death rate in whales off West Coast - Gov't declares unprecedented Unusual Mortality Event - Scientists alarmed, no idea what's happening - Expert: it's all going to cascade up to us - Other die-offs being reported (VIDEOS)

10:23 AM Aug 20, 2015 | 888

-8701- Scientists stunned as 3 rare giant oarfish found dead off Los Angeles in recent weeks - Flesh falling apart while still alive, body parts missing - Biologist: Of course I'm very concerned... for some reason they're dying... it's very strange - Being tested for toxins (VIDEO)

#### **Seafloor covered with dead fish**

11:59 PM Jun 2, 2015 | 348

-8647- TV: Scientists warning of mass die-off along California coast - Official: Seafloor littered with dead fish, washing up as far as I could see - Toxin has spread all up and down West Coast - (VIDEO)

11:45 AM May 21, 2015 | 395

-8637- Pacific Northwest: Deadly black fungus being found on fish - Gov't: There was some concern Fukushima radiation could be involved - Biologists investigating how this land-based mold is now appearing in ocean -reports of unusual rotting sores, growths, bumps, cancer (PHOTOS)

11:09 AM Jul 29, 2014 | 137

-8339- Millions of jellyfish-like creatures wash up on Pacific beaches across multiple states - line entire Oregon Coast - seen for first time in a great many years - cover the sea surface... as far as we could see - thought to mix with ones from Japan (VIDEO & PICS)

10:29 AM Oct 19, 2013 | 146

-6568- Sailor: After we left Japan, it felt as if the ocean itself was dead - Nothing alive for over 3,000 miles - no longer saw turtles, dolphins, sharks, birds - saw one whale, it appeared helpless with big tumor on head

-6568.1- Similar reports about wildlife around the Pacific Rim, include: sardines -- seals --- sea lions --- polar bears --- sea stars --- turtles --- salmon --- herring --- coral and more.

-6568.2- 150 dolphins wash ashore at multiple locations - 50 miles from Fukushima border - Could be largest mass stranding ever reported in nation's history - Gov't Expert: Dolphins may have had

psychological problems. We don't see any immediate signs of cancer (VIDEO) Apr 11, 2015

-6568.3- Nuclear material came off unused fuel assembly removed from Fukushima Unit 4 pool - Cobalt-60 at 1,400,000,000 Bq/kg - Debris felt like grit (PHOTOS) Mar26, 2013

-6568.4- Am I upset about Fukushima poisoning the Pacific Ocean? Yeah - Am I upset about Tepco & Japan's gov't lying through their teeth? Yeah Feb 4, 2014

-6568.5- see: Video: Fukushima birds unable to fly Jan 5, 2012

-6568.6- Japan Doctor: Tokyo should no longer be inhabited - Everyone here is a victim of Fukushima - People truly suffering - Bleeding under skin, urinary hemorrhaging - children's blood tests started changing last year - Time running short - up to physicians to save our citizens and future generations Jul 17, 2014

#### **Sea stars, sea otters**

03:38 PM Oct 9, 2013 | 40

-6520- Vancouver Aquarium Blog: Area with 'rivers' of body parts from sea stars - 'Strange behavior' reported in sea otters (VIDEO)

#### **Marine mammal strandings & baby deaths**

12:58 PM Feb 5, 2015 | 658

-8558- Marine mammal strandings shatter records on West Coast - 10x worse than they've ever seen before - Expert: 3 years of babies have crashed & burned... doesn't make sense that they're fine, then all of a sudden 3 years in a row, they're not (VIDEO)

#### **Animals on sea floor looking sick or dead - everything's dying**

12:59 PM Nov 18, 2014 | 359

-8502- West Coast Scientists: Many animals on sea floor looking sick or dead - Everything's dying... Dead, dead, dead, and dead - Experts investigate what's killing sea urchins and cucumbers in Pacific Northwest - Seeing things never previously observed (PHOTOS)

There were several videos: some showed three blown-up Fukushima Dai-ichi reactors.

05:56 AM Sep 27, 2011 | 15

-1415- Plutonium evaporates - spreads as gas, after Fukushima meltdowns



And, at the same time TEPCO video news footage testified to normal reactor operations conducted by normal work crews in clean and crisp work clothes... as if the reactors hadn't blown up and melted down, at all.

Back in the days before you'd be understood saying, 'TEPCO is *fake news*', we called *fake news* what it was: propaganda, misinformation, disinformation, brainwashing, actual tactics of psychological warfare to destroy harmony.

Watching the videos and seeing the pictures of Fukushima Dai-ichi reactors all blown up and melted down, and TEPCO pictures showing there had been no blowing up, no melting down, and no damage ...to speak of, was hard to grasp.

### **Mainstream news today-- in total denial or sell-outs?**

Up to and following the Trump inauguration, the 'system' continues to blame the lesions, tumors, bleeding eyes and rotting flesh, death and near extinction-levels of sea species, on what hiding behind a stupid grin they call, *new and mysterious diseases caused by global warming*.<sup>a</sup>



### **Editor's note: 'New and mysterious diseases'**

07:26 AM Apr 25, 2016 | 98

-8809- Dead animals litter California beaches - graveyard of washed-up sea life - malnourished sea creatures - starving to death - Covered in sores - stunted growth - Weak immune systems (PHOTO & VIDEOS)

10:15 PM Mar 1, 2017 | 390

-8852- Mysterious cancer kills sea lions along West Coast - Bones turn to mush - Inside, masses of yellow, cancerous tissue - die at alarming rates (VIDEO)

05:01 PM Feb 25, 2017 | 81

-8849- Officials warn mysterious radioactive cloud spreads - Authorities 'baffled' over release - could be leak from nuclear plant

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<sup>a</sup> Global warning and global cooling cycles: <https://youtu.be/vIdTHFujDnI>

02:13 PM Feb 20, 2017 | 7

-8846- 'Mystery': Radiation spikes detected in many countries – U.S. military secretly deploys 'nuclear sniffer' aircraft - Radioactivity levels quadruple - Iodine-131 proves recent release - origin unknown"

05:10 PM Feb 5, 2017

-8841- Record whale deaths in Hawaii - throughout islands in Pacific - Sick and starving mystery to experts - "Possible health effects" from Fukushima radiation off coast (VIDEO)

02:24 PM Jan 29, 2017

-8834- Gov't declares "disaster" over diseased and dying fish on US West Coast — "Sudden, unexpected large decreases" in population — Scientists "mystified... stumped" — Officials: "Environmental disaster... Devastating... Alarming... Dire" (VIDEO)

8736- Seaborne West Coast: **Fukushima nuclear waste off shoreline of California, Oregon, Washington, and Alaska - Highest radiation off San Francisco** (MAP-a)

-8736.1- Fukushima nuclear waste detected along Southern California coast - Highest levels seen anywhere in North America since testing program began - 8.4 Bq/m<sup>3</sup> of radioactive cesium measured near beach between Los Angeles and San Diego (VIDEO & MAP) Aug, 2015

-8736.2- Scientists detect Fukushima radiation on North American shores - Coastal communities 'concerned' - Over 7 Bq/m<sup>3</sup> of cesium from dock in Pacific Northwest - Professor: It indicates arrival of other radioactive substances - Represents potential radiological health risk (VIDEO) Apr, 2015

-8736.3- Unprecedented': China bans all imports of shellfish from U.S. West Coast - Official: They've never done anything like that that I've ever seen - Includes Washington, Oregon, Alaska and N. California - Gov't says it will continue indefinitely (AUDIO) Dec 13, 2013

-8736.4- TV: Billions of mysterious creatures dead along West Coast - Literally covering all of Oregon coast - Washing up from California to Alaska - Expert: Death totals are staggering, it's got to be billions (VIDEO) May 3, 2015

-8736.5- Spike in radiation levels for West Coast? Abnormal readings on 8 of 18 EPA monitors for California, Oregon, Washington - Devices now undergoing quality review Mar 22, 2011

-8736.6- Twice as much Fukushima radiation near California coast than originally reported; Highest levels found anywhere in Eastern Pacific - Scientist: Very little we can do... It's unprecedented... God forbid anything else happens - Gundersen: Multiple plumes now along west coast... Will be coming for century or more (AUDIO) Nov 20, 2014

-8736.7- BREAKING: Fukushima nuclear waste detected along Southern California coast - Highest levels seen in North America since testing program began - 8.4 Bq/m<sup>3</sup> of radioactive cesium measured near beach between Los Angeles and San Diego (VIDEO & MAP) Aug 25, 2015

07:52 AM Aug 24, 2015 | 266

-8702- Horrific environmental mystery... Everyone's freaked out: 1,500% normal death rate in whales off West Coast - Gov't declares unprecedented Unusual Mortality Event - Scientists alarmed, no idea what's happening - Expert: it's all going to cascade up to us - Other die-offs being reported (VIDEOS)

09:40 PM Jul 20, 2015 | 206

-8681- TV: Mystery green goo decimating fishing on West Coast - Like ectoplasm in Ghostbusters - Experts: About as severe as we could ever anticipate... Lot of unusual things going on - we're not catching any fish... Never as bad as right now... Almost non-existent... Worst season ever (PHOTO)





11:17 PM Jul 12, 2015 | 129

-8675- U.S. scientists test for radiation in dead whales as Mysterious die-off in Pacific continues - 14 carcasses reported - death toll could rise - may have consumed something toxic (VIDEO)

09:04 AM May 3, 2015 | 233

-8623- TV: Billions of Mysterious creatures dead along West Coast - Literally covering all of Oregon coast - Washing up from California to Alaska - Expert: Death totals are staggering, it's got to be billions (VIDEO)

**Alaska polar bears suffering lesions, seals sores**

-8591- Mysterious affliction in Alaska - polar bears suffer baldness and lesions; spikes 1,000% after Fukushima began - Gov't: Ongoing reports of unusual number of hairless seals with sores - Seals continue to be reported with hair loss... it makes U.S. nervous (PHOTO)

05:22 PM Feb 22, 2015 | 227

-8574- Bizarre, milky rain falls for days by most contaminated nuclear site in U.S. - Expert: I've never seen anything like it - Very unusual for our area - Nuke lab didn't collect enough to analyze... never planned to do real study on mystery material - NOAA contaminates sample, then loses it (VIDEO)

02:21 PM Jan 13, 2015 | 332

Sick marine mammal surge on California coast

-8536- Mysterious surge in sick marine mammals all along California coast - **Infested with parasites, emaciated; ill...** in very bad shape - Experts: we're extremely concerned right now - Deaths up 1,500% at

rescue facility - Number mystifies officials (VIDEOS)

08:14 AM Nov 4, 2014 | 146

-8486- Mysterious Phenomena off U.S. West Coast: Fish disappeared, whales nearly absent, no krill, high rates of egg failure among birds - California Fishermen: There's almost nothing there, just a lot of warm clear water

01:06 AM Sep 26, 2014 | 261

-8436- We found mystery Fukushima plutonium; Why it's there is yet to be understood, this was not expected - U.S. Gov't Expert: I don't want to go down the rabbit hole too far... There's speculation about plutonium fuel and about what other fuel they were using (VIDEO)

09:00 AM Sep 10, 2014 | 180

-8413- Head Scientist: I used to think I knew why mystery epidemic is decimating millions of West Coast starfish, but now I don't - toxic pollution suspected - Fukushima not dismissed as cause - California Professor: Significant levels of fallout got into our coastal food web

**Sea lions dying from organs falling out of place, tumors**

08:20 PM Sep 6, 2014 | 352

-8408- California sea lions dying from organs falling out of place, tumors, accumulation of puss inside bodies (PHOTOS) Marine mammal deaths reported by The Marine Mammal Center (Sausalito, Calif) since June 2014 (domoic acid-related deaths excluded):

(12) Abscess: Collection of pus in tissue of t body

(1) Carcinoma: Cancer that begins when altered or damaged DNA occurs so that cells become transformed, and begin to exhibit abnormal malignant properties.

(1) Cardiomyopathy: Heart muscle disease - deterioration of the heart muscle, usually leads to heart failure

(1) Coccidioidomycosis: Fungal disease - serious complications may occur in patients with weakened immune systems

(2) Disseminated Intravascular Coagulation: Blood clots [that can] lead to multiple organ



damage - clotting is disrupted - severe bleeding can occur

(7) Neoplasia: Commonly referred to as a tumor - malignant neoplasm is a cancer

(6) Otostrongylus: Lungworms in lungs or heart of seals

(3) Peritonitis: Inflammation of tissue lining inner wall of abdomen - may result from infection (often due to rupture of a hollow organ)

(4) Pneumonia: Inflammatory condition of the lung

(6) Prolapse: Latin for to fall out - organs, such as the uterus, fall down or slip out of place - organs protruding through vagina or rectum

(3) Pyothorax: Accumulation of pus in the pleural cavity

(2) Renal Failure: Kidneys fail to adequately filter waste products from the blood

(5) Septicemia: Potentially fatal whole-body inflammation caused by severe infection

-8408.1- CBS San Francisco: Record number of sick seals & sea lions - large pockets of green and yellow puss all over body (PHOTO & VIDEOS) Apr 20, 2014

-8408.2- Federal gov't declares Unusual Mortality Event in So. California - 70% of all newborn sea lions may be dying - Testing for toxins, infectious agents (VIDEO) Mar 28, 2013

-8408.3- Alarm as record numbers of seals and sea lions 'starving to death' along California coast - calls coming nonstop - washing ashore May 4, 2014

-8408.4- NBC: Record level of sick or injured California seals and sea lions turning up - numbers are extraordinary - pups should be weighing 2x or 3x as much, severely malnourished (VIDEO) Apr 18, 2014

-8408.5- TV: Huge increase in dead and sick sea mammals on California coast - Unprecedented numbers, annual record broken in 7 months - starving, drooling, brain damaged, suffering seizures - Sea lions 'mysteriously' vanishing on other side of Pacific - Experts: We don't know what's happening (VIDEO) Aug 3, 2014

02:05 PM Aug 22, 2014 | 175

-8381- Time Magazine: Doctor links recent outbreaks of mysterious rashes to Fukushima - Cancer Specialist: There's so much societal pressure to not even mention the word radiation - Video: Huge number of cancers already... Gov't engaged in propaganda (VIDEO)

10:03 AM Jun 18, 2011 | 19

-771- Pasture grass contaminated with cesium above safety standard 200 km from Fukushima plant - Radiation levels over safety limits in many locations

12:29 AM Aug 15, 2014 | 356

-8368- Mystery illness hits California horses - nobody will even tell us what it is -**skin falls off, covered in painful lesions, eyes swollen shut, liver damage, fainting** - Never seen anything like it in 40-year career (PHOTOS & VIDEOS) - also, note similar condition of losing skin in marine mammals





01:26 PM May 6, 2015 | 417

Seals & walrus suffer

-8627- U.S. university tests animals in Pacific for Fukushima fallout - **bodies riddled with tumors, eyes bleed, covered in lesions - missing testicles, eyeballs - skin disintegrates, peels off, turns yellow - Mammals affected by diseases never seen in species** (Photos)



-8368.1- Biologist finds pink salmon canary yellow on Canada's Pacific coast - Insides yellow: Heart parts, gill arches, spines, cartilage in head - Splens swollen, livers spotted, some with bugged-out eyes (PHOTOS) Oct 17, 2013

-8368.2- Sickened Alaska animals getting more tests for Fukushima radionuclides - Oozing sores, bleeding, swollen internal organs, hair loss (PHOTOS) Mar 14, 2013

01:26 PM May 6, 2015 | 417

-8368.3- U.S. university testing animals in Pacific for Fukushima radiation - Photos show bodies riddled with tumors, eyes bleeding, covered in lesions - Some are missing testicles, eyeballs - Skin disintegrating, peeling off, turning yellow - Mammals affected by diseases never seen in species (PHOTOS) May 6, 2015



-8368.4- Eye swelling a symptom of thyroid disorder - I often hear how children's eyes become swollen after being in radiation-contaminated sandboxes, says Japanese organizer... Remember the kitten? (VIDEO) Oct 31, 2011

-8368.5- 'Marine Mystery' in California: Toxic outbreak threatening marine life - Birds falling from sky, sea lions convulsing - Worst they've ever seen - Toxin hits record level, almost 1,000% above gov't limit - Heart lesions, severe shrinking in part of brain, nervous system failure (VIDEO) May 3, 2014

10:19 AM Aug 14, 2014 | 241

-8367- Fukushima radiation causes serious biological effects - irreversible major shifts in ecosystems - abnormality and mortality (PHOTOS)

-8368.5- 'Marine Mystery' in California: Toxic outbreak threatening marine life - Birds falling from sky, sea lions convulsing - Worst they've ever seen - Toxin hits record level, almost 1,000% above gov't limit - Heart lesions, severe shrinking in part of brain, nervous system failure (VIDEO) May 3, 2014

01:12 AM Aug 6, 2014 | 133

-8353- Alaska: New mystery disease much worse - could wreak havoc **from Alaska to Mexico** (VIDEO)

#### **Farm animals**

07:49 PM Jun 20, 2014 | 129

-8293- Farmers: Fukushima radiation cause mystery disease - animals have spots on bodies (PHOTO)

02:41 PM May 10, 2014 | 29

-8223- Concern Fukushima impacting Alaska; unusual animals showing up dead<sup>a</sup>; seals w/unknown disease... first ever cases of avian cholera - rare whale beachings in Alaska<sup>a</sup> -<sup>a</sup> (PHOTOS)

-8223.1- VIDEO: Extremely rare whale washes up in Northeast Japan - Just one sighting of species in history - similar creature found dead nearby Apr 14, 2015

-8223.2- Mysterious deadly black fungus found on fish in Pacific Northwest - Gov't: concern Fukushima radiation could be involved - Biologists investigating how this land-based mold is now appearing in ocean - Many reports of unusual rotting sores, growths, bumps, cancer (PHOTOS) -<sup>a</sup> May 21, 2015

-8223.3- TV: Billions of mysterious creatures dead along West Coast - Literally covering all of Oregon coast - Washing up from California to Alaska - Expert: Death totals are staggering, it's got to be billions (VIDEO) May 3, 2015

-8223.4- CNN: Scientists puzzled as rare 'sea monsters' wash ashore in Southern

California - Expert: 2 giant oarfish and saber-toothed whale in a week... What is going on? (VIDEO) Oct 19, 2013

-8223.5- Officials in U.S. report very rare mutations in Pacific sea life - Never seen anything like this - Photos show red crabs completely white, shockingly bright blue... almost unnatural, or with yellow legs - Environment could play a role - Also observed recently by Japan (VIDEO) Jul 22, 2014

#### **Sea stars decimated on West Coast**

02:21 PM Apr 5, 2014 | 159

-8145- Sea stars decimated on West Coast - SoCal ravaged as mystery disease spreads south; hundreds last year, now none - hit hard - mortality event like this never before documented - uncharted waters - likes of which we haven't seen - turn to bacterial goop (RADIO)

11:09 AM Mar 18, 2014 | 151

-8103- Scientists mystified over Fukushima radioactive waste found in Pacific Northwest - Washington Official: I have no idea how it could get there<sup>a</sup> -<sup>a</sup> need to monitor if it's building up in food web

03:29 PM Feb 12, 2014 | 87

-7085- Scientists test for Fukushima plutonium particles transported<sup>a</sup> in Pacific - environmental mobility (AUDIO)

-7085.1- Study: Fuel materials introduced to ocean via drains at Fukushima plant, potentially serious contamination of marine environment - melted MOX fuel contains plutonium oxide

-7085.2- Plutonium is being discharged into Pacific Ocean from Fukushima plant; flowing out of ruptured containments - reactor water turns into 'yellowish, fizzing liquid' from damaged fuel rods - actually vibrates (PHOTO & VIDEO) Jul 1, 2014

-7085.3- 'Death ashes' everywhere after recent Fukushima releases - hot particles attach to clothes; huge spray of radioactive material had Plutonium (VIDEO) Jul 21, 2014



-7085.4- 'Mystery' Fukushima plutonium; why it's there is yet to be understood - U.S. Gov't Expert: Speculation about plutonium fuel and what other fuel was used (VIDEO) Sep 26, 2014

-7085.5- MOX fuel particles found over 100 km from Fukushima - Plutonium-239 levels 'significantly enhanced' after Reactor 3 explosion - nuclear fuel material transported in atmosphere across long distances (MAP) Dec 5, 2014

01:21 PM Feb 12, 2014 | 92

-7084- U.S. scientists worry about Fukushima radionuclide plume (MAP)

-7084.1- Previously unpublished map from gov't scientists shows Fukushima plume at Alaska coast (PHOTO)

-7084.2- Senior Scientist: Second radioactive plume headed to California - Effects of Fukushima will be increasing as front edge of large water plume arrives - Levels to rise for years - It's a health and safety issue here yet no one testing ocean (VIDEO) Jan 19, 2014

-7084.3- Fairbanks city council unanimously passes Fukushima monitoring resolution: Alaska and west coast of N. America in danger - No safe levels of radiation... constitutes grave risk - Alaska Senator: We need to be vigilant (AUDIO) Mar 15, 2014

-7084.4- NPR Affiliate: Fukushima cesium detected in Alaska salmon sample - Radioactive plume has already reached West Coast - Concerned fishermen forced to pay for tests since officials not doing it - People don't trust gov't... they don't trust corporations (AUDIO) Jan 16, 2014

-7084.5- 'Mystery disease' on Pacific coast of Alaska - livers 'crumble'- hearts enlarged, pale... Yellow lymph nodes... blood-filled lungs (PHOTOS) - Professor: Worrying there's no answers, big public health concern - Testing carcasses for Fukushima radioactivity (AUDIO) (PHOTO) May 16, 2014

-7084.6- Fukushima Plume Arrives at West Coast - Expert: If this was of greater health

concern, we'd be very worried; One model predicts levels over 1,000% higher than another, this is not really acceptable (GRAPHIC) Feb 25, 2014

01:25 PM Dec 10, 2013 | 201

-6797- U.S. Nuclear Officials: Fuel fragments were likely ejected from cladding at the 3 Fukushima reactors - Particles of fuel resemble highly radioactive 'mystery black substance' often seen in Japan since 3/11 (PHOTOS)

07:35 PM Dec 9, 2013 | 61

-6794- Weird things happening on California coast: Previously unknown toxic algae blooms proliferating; Unprecedented mass of oxygen-poor water near shore - TV: mystery strandings of large squid covered miles (VIDEO)

### **Die-offs of mammals, birds, reptiles in Western U.S.**

10:35 AM Nov 23, 2013 | 146

-6733- Die-offs of mammals, birds, reptiles in Western U.S. - So many diseases afflicting such a wide variety of animals - Names out of sci-fi thriller: hemorrhagic disease, sylvatic plague (VIDEO)

-6733.1- Areas by U.S. nuclear plants are becoming 'seismically active'; Studies underway right now - NRC 'Official Use Only': Quakes can actually happen almost anywhere (AUDIO) Jan 3, 2014

-6733.2- Local TV: People came home to find animals with eyes burned out after TMI evacuation (VIDEO & PHOTOS) Feb 2, 2012

-6733.3- Gundersen: Deformities, stillbirths not being reported after Fukushima - Officials withholding truth about health effects - Gov't suppressing studies on deformed animals (AUDIO) Oct 3, 2013

-6733.4- Radio: Mysterious disease killing seals in Atlantic Ocean - Fukushima fallout testing underway by gov't scientists (AUDIO) Sep 1, 2012

-6733.5- Concern Fukushima impacting Alaska; unusual animals showing up dead... Seals w/ unknown disease... 1st ever cases of avian cholera - 'rare whale beachings' in

Alaska - Japan Paper: Mysterious sea creatures found one after another (PHOTOS-  
a) May 10, 2014

-6733.6- VIDEO: Extremely rare whale washes up in Northeast Japan - Just one sighting of species in history - Similar creature found dead nearby Apr 14, 2015

-6733.7- Mysterious deadly black fungus being found on fish in Pacific Northwest - Gov't: There was some concern Fukushima radiation could be involved - Biologists investigating how this land-based mold is now appearing in ocean - Many reports of unusual rotting sores, growths, bumps, cancer (PHOTOS) May 21, 2015

-6733.9- Alaska Native Tribal Health Consortium---02-02-15 - Whitefish that had a bulged out eyeball and some type of growth around the cheekbone. Would like to know the cause of these observed abnormalities - 12-10-14 - Whitefish has a brownish moldy growth all over body. We would like to know more about what is going on with our fish and why this is happening ---10-24-14 - Trout appeared to have sores rotting or decaying... have never seen these sores before... We are still seeing a lot of fish with these kinds of conditions ---06-12-14 - A codfish that was caught with a deep cut or sore on it was pulled in... We are not really sure what happened to this poor cod, but we think it is unusual ---05-26-14 - Whitefish that had a growth on its dorsal fin. Other fish were also caught with a similar condition... ADF&G: This whitefish has... probably a neoplasm (cancer) ---02-17-14 - Fish... found with lesions on them... Other people also said they saw these bumps... elders who said they have seen fish with skin bumps like this once before... people are still worried because they are not sure what it is this time.... these bumps... were like puss. There are quite a few people who are worried.

-6733.10- Billions of mysterious creatures dead along West Coast - Literally covering all of Oregon coast - Washing up from California to Alaska - Expert: Death totals are staggering, (VIDEO) May 3, 2015

-6733.11- CNN: Scientists puzzled as rare 'sea monsters' wash ashore in Southern

California - Expert: 2 giant oarfish and saber-toothed whale in a week... What is going on? (VIDEO) Oct 19, 2013

04:05 PM Nov 17, 2013 | 150

-6702- CBS News: 'Immense mystery' as sea stars being wiped out along West Coast, could be gone for generations - Bewildering disease is spreading and no idea what's causing it, or how to stop it - Time-lapse shows all legs lost in 7 hours (VIDEOS)

12:28 PM Nov 16, 2013 | 79

-6699- The truth must be told, Fukushima a major global threat to all living flora and fauna... Mainstream media not best source of information - Gundersen: Only thing saving us is the internet (AUDIO)

01:22 AM Nov 14, 2013 | 129

-6688- U.S. Gov't: Alaskan island appears to show impacts from Fukushima - significant cesium isotope signature - anticipate more marine life to be impacted as ocean plume arrives (VIDEO)

### **Starfish**

05:50 PM Nov 7, 2013 | 82

-6665- Mystery: starfish turn to 'slime' along Pacific coast - loss of millions and millions - Innards become exposed and fall apart - cases balloon in Alaska (VIDEO)

01:12 PM Nov 7, 2013 | 184

-6664- Caldicott: 50 years or more of highly contaminated water flowing into Pacific from Fukushima - Tepco VP not optimistic: I have concerns for long-term plan - Location of melted fuel a mystery (VIDEO)

### **Sea star rips itself into pieces**

09:05 PM Nov 4, 2013 | 67

-6649- PHOTOS: Sea star rips itself into pieces - Like a horror movie - AP: Deaths from Alaska to S. California - Biologist: Related to an environmental change? An early warning that we aren't picking up on? - Professor: None of us had ever seen anything like this before

-6649.1- Seattle TV: Warning, video of the (melting) sea stars might be disturbing - Scientists are so concerned about rapidly spreading die off on West Coast - Doubled in



just a few days - Jellyfish numbers booming  
Nov 2, 2013

-6649.2- CBS News: 'Immense mystery' as sea stars being wiped out along West Coast, could be gone for generations - bewildering disease is spreading and no idea what's causing it, or how to stop it - Time-lapse shows all legs lost in 7 hours (VIDEOS) Nov 17, 2013

-6649.3- Reports: Sea stars decimated on West Coast - SoCal ravaged as mystery disease spreads south; saw hundreds last year, now none - got hit really hard - mortality event like this never before documented - turning to 'bacterial goop' (RADIO) Apr 5, 2014

-6649.4- UC Berkeley Professor: California seeing Fukushima fallout won't be a surprise - 'Especially concerned' after radioactive leaks at plant were admitted - not terribly confident in information Japan is sharing Jan 19, 2014

-6649.5- NBC Nightly News: Another highly troubling report - what's going on in the Pacific - Millions of starfish 'melt away' from Alaska to California - Fukushima radiation 'not ruled out' as factor in epidemic - very different than anything seen before (VIDEO) Dec 1, 2013

02:56 AM Oct 2, 2013 | 33

-6474- NHK: 'Mystery' radiation spike at Fukushima - High levels of strontium in water that leaked into soil - Many times above gov't limit - Overflow from TEPCO pumping in wrong container (PHOTO & VIDEO)

04:35 PM Sep 28, 2013 | 29

-6459- Mysterious black substance flew all the way to Tokyo area from Fukushima ten days after first explosion - Since then, they've been shrouded in horror - Everyone here looks somewhat damaged by the radiation (VIDEO)

02:58 PM Aug 29, 2013 | 38

-6274- TV: Mystery spots on Fukushima cows-<sup>a</sup> ignored by gov't - Veterinarian: It's

extremely important, Japan has to think of what to do with this problem (VIDEO)

04:44 PM Aug 2, 2013 | 10

-6103- Highly radioactive 'mystery objects' found - Rumored to be pieces of Fukushima reactor buildings - 15 kilometers from nuclear plant (PHOTOS)

12:31 PM Jul 31, 2013 | 29

-6088- Highly radioactive 'mystery steam' and water released in ground, sea, and air from Fukushima plant - TEPCO should prevent contamination escaping - shoddy and inept handling

10:01 AM Jul 13, 2013 | 131

-6028- Fukushima plant is hemorrhaging radioactivity - Scariest part of all is they don't know where it's coming from - The big mystery is why contamination is coming out now in such a hurry (VIDEO)

10:59 AM Jul 11, 2013 | 64

-6026- Japan kids ingest Fukushima fuel rods? Mystery black substance likely contains concentrated unburned nuclear fuel (VIDEO)

04:30 PM May 21, 2013 | 83

-5899- **Highest levels of Fukushima contamination in plankton east of Hawaii?** (MAPS)

-5899.1- Mysterious die off of young salmon in Pacific Northwest - Healthy... and then they die heading out to sea - Far less plankton than normal - Researchers test for plankton and Fukushima contamination off West Coast (VIDEO) Aug 6, 2014

-5899.2- Gov't scientists concerned Atlantic Ocean to be contaminated by Fukushima plume now in Pacific - Currents would carry it to U.S. East Coast (PHOTOS) Dec 21, 2013

-5899.3- High concentrations of radiation hit U.S. and Canada - Plume rich in Cesium-137 and close to surface from Vancouver southward - See also Hawaii, Florida (MAPS) Oct 28, 2011

-5899.4- French gov't map shows 'maximum' radiation directly over Hawaii

March 21, 2011 - Highest levels of anywhere in world, including Fukushima (GRAPHIC) Feb 9, 2014

-5899.5- Forecast: 'Most' Fukushima nuclear particles will move east across Pacific - Narrow line of radioactive pollutants to cross ocean this year - Uses decades of data (GRAPHIC) Feb 17, 2014

10:13 AM May 15, 2013 | 32  
-5879- Mystery black substance detected in Japan with extreme radioactivity levels - Over 170,000 CPM (VIDEO)

10:47 PM May 6, 2013 | 29  
-5845- South Carolina, Savannah site: Mystery bacteria at U.S. nuclear site - will be killed before being studied (PHOTO)

02:34 PM Sep 7, 2012 | 67  
-4220- Senior Adviser: Mystery bacteria growing on nuclear fuel rods have unknown DNA sequence - trying to figure out what they're using for food

05:34 AM Sep 1, 2012 | 83  
-4166- Radio: Mysterious disease killing seals in Atlantic Ocean - Fukushima fallout testing underway by gov't scientists (AUDIO)

05:02 AM Aug 20, 2012 | 21  
-4063- Mystery yellow substance on rooftop near Tokyo has cesium at 177,000 Bq/kg (VIDEO)

07:00 PM Jun 14, 2012 | 34  
-3584- Highly radioactive mysterious bacteria around Japan - children touch it, baby strollers nearby - Gov't claims no immediate effects

12:10 AM Apr 29, 2012 | 29  
-3193- Real mystery black substance not yet measured - possibly 20,000,000 Bq/kg of cesium - many times more radioactive than local official's sample - too dangerous and must be analyzed by public institutions (PHOTOS)

03:07 PM Apr 18, 2012 | 59  
-3106- 'Vomiting road workers hospitalized after exposing mysterious nuclear waste'

10:12 AM Mar 20, 2012 | 84  
-2887- Pieces of highly radioactive mystery black substance cling to magnet (VIDEO)

01:37 PM Mar 7, 2012 | 39  
-2771- Massive amount of mystery black substance found on road in Minamisoma - after several days of rain and snow - emits 50 microSv/hr (PHOTO)

09:47 AM Feb 17, 2012 | 27  
-2626- Original black mystery substance not tested - more radioactive than said - 95,880 cpm - to 60,000 cpm in beta - (new alpha info)

07:40 AM Feb 16, 2012 | 58  
-2618- Mystery black substance has 1,000,000+ Bq/kg of cesium - Seen all over Minami Soma

01:46 PM Jan 5, 2012 | 32  
-2184- Many cases of mysterious illnesses - I hear that malformed babies are born

06:20 PM Dec 13, 2011 | 74  
-1992- Report: Famous Japanese women blogging about mysterious bruises (PHOTOS)



#### **Seals, whales, sea lions, otters, birds**

07:42 PM Sep 4, 2015 | 1,086  
-8706- West Coast animals. Alaska-to-California - whale disoriented; sea lions, seals, otters, birds disoriented, seizures; 30 whales tangle in nets; moose disoriented, swims in circles (PHOTOS & VIDEO)

#### **Extinction-level event - plutonium radionuclides hot spots in Pacific to kill for hundreds of years**

06:45 PM Sep 2, 2015 | 631  
-8705- West Coast: Whale strandings, cancer in seals, collapse of fish stocks (PHOTOS) and (VIDEO - whale final gasps on beach)



[http://enenews.com/wp-content/uploads/2015/09/AK\\_whale.gif](http://enenews.com/wp-content/uploads/2015/09/AK_whale.gif)



a

02:03 PM Mar 7, 2014 | 231

-8073- Fukushima: Plutonium, Uranium-236, Curium discharged into environment in form of fine particles **I would say they're much more an ingestion hazard. And that usually tends to target children and agricultural workers- A child on average consumes between 100 and 200 milligrams of soil a day because of hand-to-mouth activity ... something to think about.** (PHOTO)

Environmental Science & Technology (ACS Publications), March 6, 2014: *Isotopic compositions of <sup>236</sup>U and Pu isotopes in Black Substances collected from roadsides in Fukushima Prefecture: fallout from the Fukushima Dai-ichi Nuclear Power Plant accident* - Black colored road dusts were

collected in high radiation areas in Fukushima Prefecture. Measurement of <sup>236</sup>U and Pu isotopes and <sup>134</sup>,<sup>137</sup>Cs in samples was performed in order to confirm whether refractory elements such as U and Pu from the fuel core were discharged. The concentrations of <sup>134</sup>,<sup>137</sup>Cs in all samples were exceptionally high, ranging from 0.43 to 17.7 MBq/kg, respectively. <sup>239</sup>+<sup>240</sup>Pu was detected at low levels, ranging from 0.18 to 1.14 Bq/kg and with high <sup>238</sup>Pu/<sup>239</sup>+<sup>240</sup>Pu activity ratios of 1.64 to 2.64. <sup>236</sup>U was successfully determined in the range 0.28 to 6.74 x10<sup>-4</sup> Bq/kg. The observed activity ratios for <sup>236</sup>U/<sup>239</sup>+<sup>240</sup>Pu were in reasonable agreement with those calculated for the fuel core inventories, indicating that trace amounts of U from the fuel cores were released together with Pu isotopes, but without large fractionation. The quantities of U and <sup>239</sup>+<sup>240</sup>Pu, emitted to the atmosphere were estimated as 2.3x10<sup>9</sup> Bq (150 g) and 3.9x10<sup>6</sup> Bq (580 mg), respectively. fractionation between volatile and refractory radionuclides associated with the dispersal/deposition processes with distance from the FDNPP was found.

Environmental Radioactivity Journal, June 2014: *Isotopic Pu, Am and Cm signatures in environmental samples contaminated by the Fukushima Dai-ichi Nuclear Power Plant accident* - Dust samples from the sides of roads (black substances) have been collected together with litter and soil samples at more than 100 sites contaminated heavily in the 20-km exclusion zones around Fukushima Dai-ichi Nuclear Power Plant (FDNPP) (Minamisoma City, and Namie, Futaba and Okuma Towns), in Iitate Village located from 25 to 45 km northwest of the plant and in southern areas from the plant. Isotopes of Pu, Am and Cm have been measured in the samples to evaluate their total releases into the environment. When these activity ratios were compared with those for fuel core inventories in the FDNPP accident estimated by a group at JAEA, except <sup>239</sup>,<sup>240</sup>Pu/<sup>137</sup>Cs activity ratios, fairly good agreements were found, indicating that transuranic nuclides, probably in the forms of fine particles, were released into the environment without their large fractionations.



*Japan kids ingest pieces of Fukushima fuel rods? Mystery black substance very likely contains concentrated unburned nuclear fuel (VIDEO)*

*Marco Kaltofen, President at Boston Chemical Data Corp. & Doctoral student researcher at Worcester Polytechnic Institute: We kept hearing reports about something unusual, a black dust we finally got a very small sample of that*



What's different about this material is unlike a lot of the soil and dust samples we've gotten, there's a real uniformity to this stuff. It's a single substance. It's not a mix of mineral particles and pieces of dead bugs and plant matter and dust particles. It's actually very homogenous and uniform when you look at it under the microscope. And it doesn't look like the surrounding soils. And it is much more intensely radioactive than any other soil or dust sample we've gotten from around Fukushima Daiichi. So this material is different. It's not a natural soil. There's something unusual happening with this stuff.

The sample had fairly high levels of radium 226. Now that's not a radioisotope that we hear as much about. The radium 226 has almost as much activity as the radioactive Cesium in the sample. Radium 226 is a degradation product of uranium and we can't really detect the uranium directly. And this tells me that this particle contains not only fission waste products from the reactor but very likely contains a concentrated unburned nuclear fuel. And that's unusual. This sample had by far the highest level of uranium daughters that we've seen in a dust or soil sample. We're actually seeing material that might well have come from inside a

failed fuel assembly. *Arnie Gundersen, Fairewinds' Chief Engineer: Okay. When I hear that, that's clear evidence that the containment was breached. The interesting thing to me is that when I hear black, I think of like algae or fungi or something like that. But you're saying this is not an organic substance. Is that right?*

*Kaltofen: No. It's not an organic substance. It's a mixture of very small particles and just the way they aggregate gives it the appearance of being black, but it's - it probably - I won't say optical illusion, but it's an optical effect of the size of the particles and the way they're joined together.*

*Gundersen: Are these particles light enough for people to ingest them or breathe them in?*

*Kaltofen: Well, certainly they could be ingested - right **now I would say they're much more an ingestion hazard. And that usually tends to target children and agricultural workers. A child on average consumes between 100 and 200 milligrams of soil a day because of hand-to-mouth activity. So that's something to really think about.***

#### **Hanford**

12:34 PM Feb 18, 2014 | 119

-8006- Pacific Northwest: Bizarre cluster of severe birth defects - Officials refuse to say how many new cases in 2013 - county on border of Hanford - most polluted nuclear site in the world (MAP)

-8006.1- New data shows babies missing brains at 2,500% national rate in county by nuclear site - Mother: Officials shut me down the minute I mentioned Hanford! - Experts: No birth defect more extreme; most significant impact of radiation on developing embryos (AUDIO) Nov 30, 2014

-8006.2- Worrisome spike in deadly birth defects around leaking U.S. nuclear site - Officials claim it could be a complete coincidence - No news reports mention it's by the most contaminated area in Western Hemisphere Jul 22, 2013

-8006.3- Rapid rise in babies with missing brains and spinal cords sticking out in area surrounding most contaminated nuclear site

in U.S. - Mother: Actual number way higher than officials report (VIDEO) Sep 16, 2014

-8006.4 TV: 8 times more babies than usual born without brain near U.S. nuclear site - much higher rate than anywhere else in country - CNN: Experts speak out over failure of officials to conduct proper investigation (VIDEO) Jun 23, 2014

-8006.5- New data shows spike in babies born missing parts of brain around leaking U.S. nuclear site - Official: We're really concerned it remains so high, we hoped it would go away - NBC: Many locals say Hanford to blame - CDC Expert: Cases not focused near Hanford (VIDEO) Apr 24, 2014

03:29 PM Feb 12, 2014 | 87

-7085- Scientists test for Fukushima plutonium particles transported in Pacific - environmental mobility (AUDIO)

-7085.1- Fuel materials introduced to ocean via drains at Fukushima plant, potentially serious contamination of marine environment - melted MOX fuel contains plutonium oxide

-7085.2- Plutonium is being discharged into Pacific Ocean from Fukushima plant; flowing out of ruptured containments - reactor water turns into 'yellowish, fizzing liquid' from damaged fuel rods - actually vibrates (PHOTO & VIDEO) Jul 1, 2014

-7085.3- 'Death ashes' everywhere after recent Fukushima releases - hot particles attach to clothes; huge spray of radioactive material had Plutonium (VIDEO) Jul 21, 2014

-7085.4- 'Mystery' Fukushima plutonium; why it's there is yet to be understood - U.S. Gov't Expert: Speculation about plutonium fuel and what other fuel was used (VIDEO) Sep 26, 2014

-7085.5- MOX fuel particles found over 100 km from Fukushima - Plutonium-239 levels 'significantly enhanced' after Reactor 3 explosion - nuclear fuel material transported in atmosphere across long distances (MAP) Dec 5, 2014

01:21 PM Feb 12, 2014 | 92

-7084- U.S. scientists worry about Fukushima radionuclide plume (MAP)

-7084.1- Previously unpublished map from gov't scientists shows Fukushima plume at Alaska coast (PHOTO)

-7084.2- Senior Scientist: Second radioactive plume headed to California - Effects of Fukushima will be increasing as front edge of large water plume arrives - Levels to rise for years - It's a health and safety issue here yet no one testing ocean (VIDEO) Jan 19, 2014

-7084.3- Fairbanks city council unanimously passes Fukushima monitoring resolution: Alaska and west coast of N. America in danger - No safe levels of radiation... constitutes grave risk - Alaska Senator: We need to be vigilant (AUDIO) Mar 15, 2014

-7084.4- NPR Affiliate: Fukushima cesium detected in Alaska salmon sample - Radioactive plume has already reached West Coast - Concerned fishermen forced to pay for tests since officials not doing it - People don't trust gov't... they don't trust corporations (AUDIO) Jan 16, 2014

-7084.5- 'Mystery disease' on Pacific coast of Alaska - livers 'crumble'- hearts enlarged, pale... Yellow lymph nodes... blood-filled lungs (PHOTOS) - Professor: Worrying there's no answers, big public health concern - Testing carcasses for Fukushima radioactivity (AUDIO) (PHOTO) May 16, 2014

-7084.6- Fukushima Plume Arrives at West Coast - Expert: If this was of greater health concern, we'd be worried; One model predicts levels over 1,000% higher than another, this is not really acceptable (GRAPHIC) Feb 25, 2014

### **Strontium 90**

12:15 PM Feb 12, 2014 | 68

-7083- Massive cracks found at Fukushima plant; 2,100 Bq/liter of strontium-90 detected from snow blanketing area - Asahi: Cracks up to 40



feet in concrete near tanks of radioactive waste

08:57 PM Dec 1, 2012 | 24 -

-4883- NBC: Animals quietly falling sick and dying - near oil & gas drilling - Cows tails dropping off (PHOTO)



*In the midst of the domestic energy boom, livestock on farms near oil- and gas-drilling operations nationwide have been quietly falling sick and dying*

Earlier this year, Michelle Bamberger, an Ithaca veterinarian, and Robert Oswald, a professor of molecular medicine at Cornell's College of Veterinary Medicine, published the first (and, so far, only) peer-reviewed report to suggest a link between fracking and illness in food animals. The authors compiled case studies of twenty-four farmers in six shale-gas states whose livestock experienced neurological, reproductive and acute gastrointestinal problems. Exposed either accidentally or incidentally to fracking chemicals in the water or air, scores of animals have died. The death toll is insignificant when measured against the nation's livestock population (some 97 million beef cattle go to market each year), but environmental advocates believe these animals constitute an early warning.

In Louisiana, seventeen cows died after an hour's exposure to spilled fracking fluid. (Most likely cause of death: respiratory failure.) In north central Pennsylvania, 140 cattle were exposed to fracking wastewater when an impoundment was breached. Approximately seventy cows died; the remainder produced eleven calves, of which only three survived. In western Pennsylvania, an overflowing waste pit sent fracking chemicals into a pond and a pasture where pregnant cows grazed: half their calves were born dead.

Ever since a heater-treater unit, which separates oil, gas and brine, blew out on a drill pad a half-mile upwind of Jacki Schilke's North Dakota ranch, her own creek has been clogged with scummy growth, and it regularly burps up methane. No one can tell me what's going on, she says. But since the blowout, her creek has failed to freeze, despite temperatures of forty below. (Testing found sulfate levels of 4,000 parts per million: the EPA's health goal for sulfate is 250 parts per million.)

Schilke's troubles began in the summer of 2010, when a crew working at this site continued to force drilling fluid down a well that had sprung a leak. Soon, Schilke's cattle were limping, with swollen legs and infections. Cows quit producing milk for their calves; they lost from sixty to eighty pounds in a week; and their tails mysteriously dropped off.

NY Times: Tsunami in Switzerland? 100 foot wave on Lake Tahoe - Recent 30 foot wave in Washington - Dozens of U.S. nuclear reactors sit along lakefronts

09:32 PM Mar 31, 2015 | 504

-8601- Experts: Pacific food web crashing - what's going on? Where are the fish? Where did they go? - To be honest, it's insane - You could equate it to a war zone - Food shortage all up & down West Coast - Fishermen believe pollution harming food chain, doubt NOAAs warm water theory (VIDEOS)

### **Nuclear Power Makes Global Warming Worse**

*Arnie Gundersen and Grayson Webb, both of Fairewinds.org, appeared on CCTV, December 7, 2016, interviewed by Margaret Harrington*

08:09 AM Nov 22, 2011 | 34

-1836- High-profile Fukushima studies 'edited' by global warming advocate James Hansen - wrote article: Why America Needs Nuclear Energy

<http://enews.com/13-baby-gray-whales-55-dolpins-found-dead-west-coast-corpses-sea-lions-birds-sea-turtles-decomposing-rash-dead->

humpback-whales-oregon-fear-whales-encountering-radiation-hot-spots-whale-watchi

New Mexico St. Univ., Mar 15, 2015 (emphasis added): *What's Killing Baja's Marine Animals?* **Dead gray whales and dolphins.** Corpses of **sea lions, birds and sea turtles** decomposing on the beach. Since the beginning of the year, the coasts of Baja California have been the scene of multiple discoveries of dead marine animals. The latest find was reported last week... **55 dead dolphins** and 4 sea lions... [The gov't will] probe the reasons for the **mysterious deaths.** In mid-January... **550 dead sea birds** and 4 dead sea lions near San Felipe. Another zone of mystery surrounds the Laguna Ojo de Liebre... where **150 dead, sea turtles** were discovered at the end of January. About two weeks earlier, **14 lifeless gray whales** (13 babies and 1 adult) and 16 dead, sea turtles were found in the same area... Mexican authorities hypothesized that sea turtles... could be succumbing to **hypothermia** [and] baby gray whales were dying from lack of nourishment... [They] **migrate to Baja California from northern Pacific** waters...

AP, Feb. 1, 2015: **Cold temperatures** are suspected of killing some 150 sea turtles found in a lagoon of Mexico's Baja California [the] environmental protection agency said [warm waters are blamed for record-setting deaths of California sea lions and West Coast sea birds ]... it would be difficult to determine the exact cause of death... **investigators also would try to determine whether some sort of contamination might have played a role.** In mid-January, federal inspectors found the bodies of 14 gray whales.

Fox News, Jan 15, 2015: Four sea lions and 550 birds found dead [in] Baja California probably died as a consequence of **climate change,** Mexico's Profepa Environmental Protection Agency said... Changes in the ocean water temperature are forcing schools of fish to swim deeper

NBC San Diego, Mar 20, 2015: A dead **gray whale** was found floating in the waters near

Torrey Pines State Beach Thursday morning, **San Diego** Lifeguard officials confirmed. The **young whale** [was] approximately 15 to 20 feet in length - *Reporter:* Because it does not look like it had anything to do with humans, **they believe** that maybe the **whale just got sick and died.**

California Gray Whale Coalition, Nov. 2014: The coast's winter whale watching season brings real **fear for visiting humpbacks and grey whales** encountering **radiation hot spots** along West Coast waters as they migrate to and from Alaska and **Mexico.** The central Oregon coast's whale watching training features more than 100 volunteers at 25 whale-watching sites... this year's **whale-watching volunteers** have been **trained in the dangers of radiation...** there has been a **rash of dead humpback whales** washing-up along central Oregon...

KION, Jul 3, 2014: A 35-foot-long humpback whale has washed up dead on a Central California beach... cause of death has not been determined. - *Reporter:* Researchers say the amount of whales found in distress this year is **significantly more than in previous years...** They usually only get 5 reports of entangled whales in an entire year. This year there have already been 8.

ABC San Francisco, May 22, 2014: *Dead Baby Humpback Whale Washes Ashore...* They're actually endangered, said Sue Pemberton with the California Academy of Sciences. So it's really important, **every single one that dies, it's important to know why** - unlocking the **mystery of why she died so young,** only half the size of a full-grown humpback. *Watch broadcasts:* *NBC San Diego, KION, ABC San Francisco, Press Democrat, Dec 25, 2016*

09:04 PM Dec 22, 2013 | 94

-6842- NY Post: **Radioactive snow falling on Navy ship caused by Fukushima radioactive steam...** Is that aluminum foil I taste? - **Sailor: People were defecating on themselves in hallways from excruciating diarrhea - Officer: We saw radiation 300 times 'safe' levels** (VIDEO)

11:07 AM Feb 14, 2013 | 1

-5341- Fukushima Child: I didn't know about nuclear disaster until April - Small

kids were playing outside, playing with snow (VIDEO)

11:53 AM Feb 9, 2013 | 43

-5311- Nuclear plant shuts down after in-house system loses power - blizzard - NRC: Pilgrim lost off-site power - 3 feet of snow in parts of Boston area (VIDEO)

02:01 PM Jan 23, 2013 | 57

-5195- Washington Post: Nuclear plant produces snow in Pennsylvania - I've never seen this particular phenomenon observed before (PHOTO)

09:16 AM Mar 8, 2012 | 52

-2780- A snow that would never melt began falling - Each flake bringing down cesium on city of 300,000 people 60km from meltdowns (VIDEO)

01:07 PM Feb 12, 2012 | 37

-2571- Official: Flakes fell like snow after first Fukushima explosion - like a movie

02:02 PM Jan 20, 2012 | 39

-2329- I-131 detected in Tokyo snow



**Pulsed release - Alaska seal lesions, deaths**

10:40 AM Jan 25, 2014 | 232

-6982- Alaska seal deaths & Fukushima fallout - skin lesions, hair loss, lethargy-- pulsed release ... built-up radionuclides free as ice melts - wildlife health implications due to radiation exposure discussed (PHOTOS & MAP)

**Global warming/cooling (climate change)<sup>a</sup>**

09:32 PM Mar 31, 2015 | 504

-8601- Pacific food web crashes - what's going on? Where are the fish? Where did they go? - To be honest, it's insane - equate it to a war zone - Food shortage all up & down West Coast - Fishermen believe pollution harming food chain, doubt NOAAs warm water theory (VIDEOS)

**Nuclear Power Makes Global Warming Worse**

*Arnie Gundersen and Grayson Webb, both of Fairewinds.org, appeared on CCTV, December 7, 2016, interviewed by Margaret Harrington*

08:09 AM Nov 22, 2011 | 34

-1836- Fukushima studies 'edited' by global warming advocate James Hansen - wrote article: *Why America Needs Nuclear Energy*

**Sea lions, turtles 13 baby gray whales, 55 dolphins, found dead**

09:25 AM Apr 3, 2015 | 754

-8603- 13 baby gray whales and 55 dolphins found dead on West Coast - Rash of dead humpback whales in Oregon - corpses of sea lions, birds, sea turtles decomposing - Fear for whales encountering radiation hot spots (VIDEO)

**Snow**

**Strontium 90**

12:15 PM Feb 12, 2014 | 68

-7083- Massive cracks at Fukushima plant; 2,100 Bq/liter of strontium-90 detected from snow blanketing area - Asahi: Cracks up to 40 feet in concrete near tanks of radioactive waste

11:07 AM Feb 14, 2013 | 1

-5341- Fukushima Child: I didn't know about nuclear disaster until April - Small kids played outside with snow (VIDEO)

11:53 AM Feb 9, 2013 | 43

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<sup>a</sup> Global warming and global cooling cycles: <https://youtu.be/vIdTHFujDnI>

-5311- Nuclear plant shuts down after in-house system loses power due to blizzard - NRC: Pilgrim lost off-site power - 3 feet of snow in parts of Boston area

02:01 PM Jan 23, 2013 | 57

-5195- Washington Post: Nuclear plant produces snow in Pennsylvania - I've never seen this particular phenomenon observed before (PHOTO)

## Smoke

08:58 PM Feb 23, 2017 | 43

-8848- Smoke billows from Japan nuclear plant - Possible fire reported near reactors - TEPCO doesn't identify cause

05:01 PM Feb 25, 2017 | 81

-8849- Officials warn mysterious radioactive cloud spreads - 'baffled' over release - leak from nuclear plant?

03:50 PM Feb 10, 2017

-8843- Nuclear plant blast - smoke billows from fire - people sick (VIDEOS)

11:50 AM May 29, 2015 | 247

-8642- Japan volcano erupts without warning - Gov't issues highest level alert for first time - smell of sulfur; smoke blacks out sky - more expected (VIDEO)

02:14 PM Apr 29, 2015 | 183

-8620- Massive fire dangerously close to Chernobyl plant: Just 3 miles from nuclear waste - Official: Risks are high - Evacuations underway - Experts: Smoke is heavily contaminated... could see dispersion of very significant component of original radiation; Capable of spreading great distances (VIDEO)

10:40 AM Nov 17, 2014 | 75

-8499- U.S. Gov't: Uranium plant leak warranted emergency classification of ALERT - Worker: Video shows release was out of control... Smoke billowing... They refused to warn community - TV: I've lived here 30 years and never seen anything like it... I was shocked - it's ridiculous... it's not contained, everybody watched it (VIDEOS)

11:33 PM Oct 30, 2014 | 216

-8482- Video: Purple cloud seen by engineer after Fukushima explosion... I took a photo - Former Prime Minister: Smoke from reactor blast had different color than officials claim; Steel appears to have melted on top of Unit 3; Suggests possible nuclear explosion

06:03 PM Sep 30, 2014 | 648

-8441- **Fukushima chief pleads for help from U.S. military:** Fires broken out at Reactor 4... We can't do anything... please - Leader turned pale after seeing flames and black smoke near fuel pool - **Worker tries to have last meal before dying and realizes he's unable to taste food**

03:07 PM Sep 11, 2014 | 341

-8414- Secret Fukushima Testimony: Plant chief considered disemboweling himself after explosions... I should kill myself - Smoke seen at No. 3 reactor before blast, figured this was end of plant - At start of crisis I was in despair... panicking... could not afford to logically think

09:27 AM Feb 6, 2014 | 181

Waste Isolation Pilot Plant (WIPP) - NM -7059- Imminent situation at U.S. nuclear site - Emergency operations center evacuated due to fire deep underground- One of most serious incidents on record since the plant opened in 1999 - Anonymous footage of thick black smoke coming from ground (VIDEO) These events could potentially harm people, our workers as well as it gives us a bad reputation because we appear to have made a mistake - inhalation is primary hazard with radioactive materials of this nature.

11:57 AM Aug 15, 2013 | 8

-6188- Series of chemical explosions rock hazardous waste plant by Florida border - Radioactive waste mentioned on company's acceptance form - FBI responds to blast - Plumes of smoke and flames over 100 feet high (VIDEO)

### **N. St. Louis Cty, Missouri Bridgeton fire, West Lake nuclear landfill**

04:07 PM Aug 13, 2013 | 31

-6177- Warning from Fire Commander - Landfill fire near nuclear waste could



threaten entire St. Louis region with radioactive smoke - Potential for tragedy

08:01 AM Jul 28, 2013 | 166

-6077- Emergency declared at U.S. nuclear plant: Fire shuts down reactor - Reports of black smoke - Company says no release of radioactivity above normal

05:17 PM Jun 7, 2013 | 25

-5938- France, Cattenom: Fire breaks out at nuclear reactor - plumes of black smoke (PHOTO)

11:08 AM May 3, 2013 | 12

-5828- Photo: Smoke coming from nuclear plant - Reactor shut down - Smoldering lagging on a turbine

12:32 PM Apr 21, 2013 | 55

-5775- Fire at nuclear power plant triggers emergency response - noise and smoke comes from site (PHOTO)

05:03 PM Mar 22, 2013 | 10

-5634- FOIA Expert: difficult trying to get info from NRC - Smoke and mirrors - Pump and dump (AUDIO)

12:22 PM Mar 9, 2013 | 40

-5520- Fukushima Workers: Smoke was pouring out of Unit 1 before tsunami hit - No doubt quake crippled reactors - Could torpedo Japan's attempts to restart nuclear plants (VIDEO)

### Fog, Dust

03:16 PM Mar 21, 2013 | 19

-5624- Radioactive dust in Tokyo after fog - 4,000 Bq/kg of cesium

-5624.1- Tokyo indoor dust contaminated with cesium at 1,730 Bq/kg -- dust with Fukushima fallout is source of human exposure (VIDEO)

### Steam

12:56 AM Jan 7, 2014 | 430

-6891- Nuclear Chemistry Expert: **Steam at Fukushima reactor could be from corium burning through containment into groundwater**

12:31 PM Jul 31, 2013 | 29

-6088- Highly radioactive 'mystery steam' and water released in ground, sea, and air from Fukushima plant - TEPCO should prevent contamination escaping - shoddy and inept handling

09:04 PM Dec 22, 2013 | 94

-6842- **Radioactive snow falls on Navy ship caused by Fukushima radioactive steam... Is that aluminum foil I taste? - Sailors were defecating on themselves in hallways from excruciating diarrhea - Officer: We saw radiation 300 times 'safe' levels** (VIDEO)

-6948--8449-Photo captures moment containment vessel destroyed at Fukushima - Workers: White steam coming from reactor! Radiation spikes in central Tokyo! - **U.S. Nuclear Official: Fukushima was nuclear power's finest hour - everything worked as engineered** (VIDEO) Oct 3, 2014

-6887- Fukushima: Radioactivity release going on 3 years now on massive scale; visible steam tip of iceberg - containment vessels 'broken' (VIDEOS)

04:21 PM Jan 1, 2014 | 242

-6875- Gundersen: Visible steam at Fukushima Unit 3 is from constant radioactive releases - from hot rubble, not from new explosion

### Russians at it again

I read published abstracts of scientific research studies, written by Chernobyl scientists, and learned exposure to radionuclides causes bacteria and viruses to mutate, causing new and mysterious diseases.<sup>2</sup>



It took you less than ten seconds to read the previous sentence ...now, you know more than all the apologist bad science perps will ever admit.<sup>a</sup>

[[http://www.strahlentelex.de/Yablokov\\_Chernobyl\\_book.pdf](http://www.strahlentelex.de/Yablokov_Chernobyl_book.pdf) Published by New York Academy of Sciences, *Chernobyl: Consequences of the Catastrophe for People and the Environment*, written by scientists who used health data from 1986 to 2004; edited by Janet Sherman.<sup>3]</sup>

Here is an excerpt from *Chernobyl: Consequences of the Catastrophe for People and the Environment: Chapter 11. Chernobyl's Radioactive Impact on Microbial Biota*, by Alexey V. Yablokov:

[Abstract] Of the few microorganisms that have been studied, all underwent rapid changes in the areas heavily contaminated by Chernobyl. Organisms such as tuberculosis bacilli; hepatitis, herpes, and tobacco mosaic viruses; cytomegalovirus; and soil micromycetes and bacteria were activated in various ways. The ultimate long-term consequences for the Chernobyl microbiologic biota may be worse than what we know today. Compared to humans and other mammals, the profound changes that take place among these small live organisms with rapid reproductive turnover do not bode well for the health and survival of other species.

[Article] One gram of soil contains some 2,500,000,000 microorganisms (bacteria, micro-fungi, and protozoa). Up to 3 kg of the mass of an adult human body is made up of bacteria, viruses, and micro-fungi. In spite of the fact that these represent such important and fundamentally live ecosystems there are only scarce data on the various microbiological consequences of the Chernobyl catastrophe.

Several incidences of increased morbidity owing to certain infectious diseases may be due to increased virulence of microbial populations as a result of Chernobyl irradiation. ... ..

**All microorganisms (viruses, bacteria, fungi, and protozoa) and microbiological communities as a whole undergo rapid changes after any additional irradiation. The mechanism of such changes is well known: inclusion and increase in the frequency of mutations by natural selection and preservation of beneficial novel genes that for whatever reason appear more viable under the new conditions. This micro-evolutionary mechanism has been activated in all radioactively contaminated areas and leads to activation of old and the occurrence of new forms of viruses and bacteria.**

All but a few microorganisms that have been studied in Chernobyl-affected territories underwent rapid changes in heavily contaminated areas.

Our contemporary knowledge is too limited to understand even the main consequences of the inevitable radioactive-induced genetic changes among the myriad of viruses, bacteria, protozoa, and fungi that inhabit the intestines, lungs, blood, organs, and cells of human beings.

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<sup>a</sup> 04:18 PM Aug 31, 2014 | 170

-8399- Pacific Ocean: Chunks missing from bodies of salmon from Pacific - lesions in over 50% of fish being reported - followed by bacterial invasions (PHOTO)

The strong association between carcinogenesis and viruses (papilloma virus, hepatitis virus, Helicobacter pylori, Epstein-Barr virus, Kaposi's sarcoma, and herpes virus) provides another reason why the cancer rate increased in areas contaminated by Chernobyl irradiation (for a review, see Sreelekha et al., 2003).

Not only cancer, but also many other illnesses are connected with viruses and bacteria. Radiologically induced pathologic changes in the microflora in humans can increase susceptibility to infections, inflammatory diseases of bacterial and viral origin (influenza, chronic intestinal diseases, pyelonephritis, cystitis, vaginitis, endocolitis, asthma, dermatitis, and ischemia), and various pathologies of pregnancy. The long-term consequences for microbial biota may be worse than what we understand today.

**Mussels, barnacles, limpet, rock shell, sea anemones mass die-off**

11:24 AM Feb 10, 2016 | 668

-8773- Fukushima: Intertidal biota <sup>a</sup> by power plant - mass die off and reproductive failure of **sessile species**; sessile refers to organisms anchored, for example to rocks and piers, mussels, barnacles, limpet, rock shell, sponges, sea anemones, fan worms, chitons, gastropods, bivalves, crustaceans, echinoderms

**Seals & sea lions at risk**

11:19 AM Jan 7, 2016 | 342

-8758- West Coast - 200,000 sea lions at risk; sick animals eating themselves from the inside - cancer includes liver, pancreas; intestines shut down; infested with parasites & immune to antibiotics; numbers of dead or starving seals wash ashore (VIDEO)

07:26 AM Apr 25, 2016 | 98

-8809- Dead animals litter California beaches - graveyard of washed-up sea life - malnourished sea creatures - starving to death - Covered in sores - stunted growth - Weak immune systems (PHOTO- <sup>a</sup> & VIDEOS)

**This micro-evolutionary mechanism has been activated in virtually all radioactively contaminated areas and leads to activation of old and the occurrence of new forms of viruses and bacteria.**

Mainstream science, the nuclear energy industry and their apologists remain dumbfounded and swear on the bible there is more danger from natural radiation in eating bananas or potato chips or taking a walk in the park than eating or breathing in manmade ionizing fallout ...from Fukushima or daily nuclear energy industry legal discharges, or accidents like Three Mile Island, Chernobyl and Fukushima.

As you read, your eyes will pop open and your heart will break. After you do the body count, you'll wish the perps and their apologists would be *gotten even with*. Journalists in Japan, can't use words, like, 'meltdown' without risking violating Japan's State Secrets Act, being fired and risking jail time.

07:51 AM Jun 15, 2011 | 43

-739- Japanese media blackout of words: MOX, plutonium, and meltdown

07:03 AM Apr 25, 2014 | 138

-8196- Untold story of Fukushima is the radiation issue, **Gov't doesn't want us talking about it**; A lot going on that's never reported by media - **Afraid of being imprisoned under Japans new secrecy law; All officials have to do is say the info is secret** (AUDIO)

12:38 PM Jan 7, 2014 | 426

-6892- Secrecy agreement between Fukushima and IAEA revealed by Tokyo newspaper - **IAEA hid health effects in Chernobyl - same thing could happen to Fukushima**

10:11 AM Dec 4, 2013 | 110

-6774- Protesting secrecy law is act of terrorism - Japan gov't promotes idea you're like a racist if avoiding Fukushima produce - Bloomberg: Process echoes George Orwell - Nuclear activists to be constantly spied on?

-6774.1- State secrets bill meant to suppress Fukushima news -- Japan public stunned as citizens could face years in prison -- toxic leaks into ocean seem unstoppable, gov't must plug the information instead (PHOTO)

06:24 PM Nov 26, 2013 | 207

-6746- Japan's secrecy law passes lower house - Prison for 'inappropriate reporting' - on path to fascist state - fear Fukushima cover-ups to worsen

12:02 PM Nov 8, 2011 | 34

-1735- Japan Times: People fed up with the shroud of secrecy in Fukushima - Starting to smuggle in journalists - Must rely on media for help

07:58 AM Nov 16, 2011 | 68

-1803- Fukushima Diary: I'm under their surveillance... I can't post everything I know - Next day writes 4 men interrogated me

01:52 PM Sep 27, 2014 | 351

-8438- Fukushima Worker: All sorts of troubles going on in plant; Officials won't tell public what really happens - People should worry, it's not under control - **Employees wear disguises over fear of retaliation** - Reporter: Tour of plant was very strange... feels dead... not many people (VIDEO)

## 8. Sea lion species extinction?

### Review of the literature

#### Exhibit No. 7

-8408- Calif sea lions die as organs fall out of place, tumors, puss in bodies (PHOTOS) Marine mammal deaths reported by Marine Mammal Center (Sausalito, Calif) since June 2014 (domoic acid-related deaths excluded):

(12) Abscess: Pus in body tissue

(1) Carcinoma: Cancer begins when altered or damaged DNA occurs so cells transform, exhibit abnormal malignant properties.

(1) Cardiomyopathy: Heart muscle disease – deterioration, leads to heart failure

(1) Coccidioidomycosis: Fungal disease - complications w/weakened immune system

(2) Disseminated Intravascular Coagulation: Blood clots [that can] lead to multiple organ damage - clotting disrupted - severe bleeding

(7) Neoplasia: malignant tumor, a cancer

(6) Otostrongylus: Lungworms in lungs or heart of seals

(3) Peritonitis: Inflammation of tissue lining inner abdomen wall - may result from infection (often due to hollow organ rupture)

(4) Pneumonia: Inflammatory lung condition

(6) Prolapse: organs: uterus, fall or slip out of place - protrude through vagina or rectum

(3) Pyothorax: Accumulation of pus in pleural cavity

(2) Renal Failure: Kidneys fail to filter waste products from blood

(5) Septicemia: Potentially fatal whole-body inflammation caused by severe infection

**Editor's note:** [http://www.strahlentelex.de/Yablokov\\_Chernobyl\\_book.pdf](http://www.strahlentelex.de/Yablokov_Chernobyl_book.pdf) Published by New York Academy of Sciences, *Chernobyl: Consequences of the Catastrophe for People and the Environment*, written by scientists who used health data from 1986 to 2004; edited by Janet Sherman.]

**All microorganisms (viruses, bacteria, fungi, and protozoa) and microbiological communities as a whole undergo rapid changes after any additional irradiation.**

**The mechanism of such changes is well known: inclusion and increase in the frequency of mutations by natural selection and preservation of beneficial novel genes that for whatever reason appear more viable under the new conditions.**

**This micro-evolutionary mechanism has been activated in all radioactively contaminated areas and leads to activation of old and the occurrence of new forms of viruses and bacteria.**

All but a few microorganisms that have been studied in Chernobyl-affected territories underwent rapid changes in heavily contaminated areas.

Our contemporary knowledge is too limited to understand even the main consequences of the inevitable radioactive-induced genetic changes among the myriad of viruses, bacteria, protozoa, and fungi that inhabit the intestines, lungs, blood, organs, and cells of human beings.

The strong association between carcinogenesis and viruses (papilloma virus, hepatitis virus, *Helicobacter pylori*, Epstein-Barr virus, Kaposi's sarcoma, and herpes virus) provides another reason why the cancer rate increased in areas contaminated by Chernobyl irradiation (for a review, see Sreelekha et al., 2003).

Not only cancer, but also many other illnesses are connected with viruses and bacteria. Radiologically induced pathologic changes in the microflora in humans can increase susceptibility to infections, inflammatory diseases of bacterial and viral origin (influenza, chronic intestinal diseases, pyelonephritis, cystitis, vaginitis, endocolitis, asthma, dermatitis, and ischemia), and various pathologies of pregnancy.

The long-term consequences for microbial biota may be worse than what we understand today.

#### Exhibit No. 7 (continued)

-8408.1- San Francisco: Record number of sick seals & sea lions - green - yellow puss all over their body (Pics & Vids) 4/20/14

-8408.2- Feds declare Unusual Mortality Event in So. California - 70% of newborn sea lions may die - Testing for toxins, infectious agents (Video) Mar 28, 2013

-8408.3- Record numbers of seals and sea lions 'starve to death' on California coast - nonstop calls - wash ashore - May 4, 2014

-8408.4- Record sick, injured Calif seals, sea lions - pups should weigh 2x, 3x more, severe malnourishment (VIDEO) Apr 18, 2014

-8408.5- Huge increase in dead and sick sea mammals on California coast - huge numbers, annual record broken in 7 months - starving, drooling, brain damaged, suffering seizures - Sea lions 'mysteriously' vanishing on other side of Pacific (VIDEO) 8/3/14

06:07 PM Aug 25, 2015 | 544

-8701.C So. Calif coast: Fukushima nuclear waste detected - highest levels in North America since testing program began - 8.4 Bq/m<sup>3</sup> of radioactive cesium near beach between L.A. and San Diego (VIDEO, MAP)



**Radiological induced pathologic changes in the microflora in humans [mammals]** can increase susceptibility to Infections, inflammatory diseases of bacterial and viral origin: influenza; chronic intestinal diseases; pyelonephritis; cystitis; vaginitis; endocolitis; asthma; dermatitis; ischemia; pathologies of pregnancy.



Date	Cause of Death
8/31/2014	neoplasia
8/30/2014	peritonitis
8/25/2014	abscess, pneumonia, malnutrition
8/24/2014	prolapse
8/22/2014	coccidioidomycosis
8/18/2014	neoplasia
8/17/2014	abscess, malnutrition
8/16/2014	neoplasia
8/13/2014	renal failure
8/12/2014	neoplasia
8/11/2014	abscess, septicemia
8/11/2014	renal failure
8/9/2014	neoplasia, prolapse
8/9/2014	blind
8/7/2014	prolapse, peritonitis
8/7/2014	abscess
8/7/2014	pneumonia
8/6/2014	pneumonia
8/1/2014	septicemia, cardiomyopathy
7/30/2014	malnutrition, abscess, pyothorax
7/28/2014	abscess, malnutrition, peritonitis
7/25/2014	abscess, septicemia, malnutrition
7/24/2014	abscess
7/24/2014	pneumonia
7/23/2014	pyothorax, trauma
7/21/2014	abscess [named 'Prolapse 2']
7/21/2014	neoplasia
7/15/2014	abscess
7/12/2014	carcinoma
6/28/2014	otostrongyliasis
6/28/2014	abscess, malnutrition
6/22/2014	otostrongyliasis
6/21/2014	septicemia, otostrongyliasis, trauma
6/20/2014	prolapse
6/14/2014	neoplasia
6/12/2014	malnutrition, abscess
6/10/2014	otostrongyliasis
6/10/2014	pyothorax, malnutrition
6/8/2014	otostrongyliasis, disseminated intravascular coagulation
6/7/2014	septicemia
6/5/2014	otostrongyliasis, malnutrition, disseminated intravascular



# 9. Cry, baby

## Preface, Part 2

The problem with tackling a subject of this magnitude is any one of the 9,000 news stories I read about Fukushima Dai-Ichi and the nuclear energy industry is weighty enough for a book of its own. I have looked at recurring themes from 2011-to-2017 which made me cry, and selected those to include ...and, those that made me feel fury, and lust for revenge.

If you start feeling that way, I've won and the nuclear energy industry has lost. Someone has to drive the wooden stake through the vampire's heart ...and, it might as well be you.

### Déjà vu

In March of 2017, for the sixth year running, from Alaska to Mexico sea creatures are dying in near extinction levels. They are riddled with disease and starving; seabirds, sea lions, salmon, abalone, star fish, herring, tuna, dolphins, whales, turtles, seals, urchins and too many more in large die-offs dead and dying submerged and floating beneath the surface of the sea, on the surface, and thrown up squirming and rotting upon our shores. Dead birds wash ashore *en masse*, Cassin's Auklets, Murres, pelicans.

Massive die-off of sea creatures from California to Alaska — Animals starving as food chains continue to collapse — Mass starvation events plague West Coast —

Scientist: “Felt like I was doing nothing but counting dead animals” — TV: Deaths really quite troubling (VIDEO)

### 15,000 baby sea lions die

03:15 PM Feb 15, 2015 | 176  
-8566- California: 15,000 baby sea lions die - can kill a generation (VIDEO)

Coast - Concerned fishermen forced to pay for tests since officials not doing it - people don't trust gov't... they don't trust corporations (AUDIO)

04:21 PM Mar 4, 2015 | 356  
-8582- Gov't: it's getting even worse on West Coast this year - Experts say over 35,000 baby sea lions could be dead; Phenomenon unprecedented in scale - Hundreds of times more pups than usual at rescue center - Doctor: Definitely indicates ocean not normal... Really, we should be worried (AUDIO)

09:10 PM Jan 15, 2014 | 317  
-6926- Fukushima radiation on West Coast of N. America - Levels to rise for years - unprecedented event for Pacific, largest ever radioactive release into ocean (VIDEO)

### Dolphin deaths linked to radionuclides

09:10 AM Jan 16, 2014 | 83  
-6927- NPR Affiliate: Fukushima cesium detected in Alaska salmon sample - Radioactive plume already reaches West

-8611- Never seen before - white lungs found in **dolphins that died during mass stranding near Fukushima - Interruption of blood supply leading to death of tissue - Disease has been linked to radiation exposure**

07:45 PM Nov 30, 2013 | 27

-6760- Massive amount of debris off Hawaii, You had to be there -just kept going & going - so odd it was in straight line - accumulated off islands, warns of fish contamination - Rare dolphin washes up with heart problems & stomach lumps, last examined in 1980s

-6568.2- 150 dolphins wash ashore at multiple locations - 50 miles from Fukushima border - Could be largest mass stranding ever reported in nation's history - Gov't Expert: Dolphins may have had psychological problems. We don't see any immediate signs of cancer (VIDEO) Apr 11, 2015

### **Whales in record numbers display unusual behavior**

11:51 PM Dec 21, 2013 | 100

-6839- Unprecedented activity near Canada West Coast: Whales in record numbers, displaying highly unusual behavior - Problems in Pacific could be bringing sea life to area; something amiss out there

11:14 PM Nov 30, 2013 | 36

-6761- Whale Expert near Vancouver: In 30 years never ever seen this behavior, they must sense this is a safe place to be - Captain: I've never seen anything like it in 50 years on Pacific - one even placed its head on the boat (VIDEO)

04:22 PM Nov 30, 2013 | 217

-6759- 100s of whales in California coastal bay; what's going on (VIDEO)

11:19 PM Nov 29, 2013 | 125

-6758- Leading edge of Fukushima plume now on West Coast - Fish Market Owner: My customers have a lot of concerns about the nuclear contamination (AUDIO)

09:43 PM Aug 30, 2014 | 297

Whales, dolphins, sea lions, birds - stranded, seizures, washing up dead

-8398- Surge in marine mammal strandings on U.S. West Coast - biggest fear is if this is everywhere along coast - whales, dolphins, sea lions, birds washing up in large numbers

- thousands likely dead - violent seizures shown on news (VIDEO)

### **Whales, dolphins - no food, swam in radiation**

12:39 PM Aug 30, 2014 | 179

-8397- California - no food along Pacific but in isolated areas - Fukushima stresses sea life - dolphins, whales swam in radiation (VIDEO)

09:55 AM Aug 29, 2014 | 138

-8395- Officials reveal about 2 Trillion becquerels of Fukushima radioactive material flowed into ocean every month during 2013 - deadly strontium releases double cesium - Strontium gets into your bones... changes equation (VIDEO)

07:56 AM Aug 28, 2014 | 310

-8394- Strontium-90 from Fukushima along west coast of N. America - Plutonium - might be in plume - need more monitoring - no sign radioactive releases from plant are going to stop

10:29 AM Oct 19, 2013 | 146

-6568- Sailor: After we left Japan, it felt as if the ocean itself was dead - Nothing alive for over 3,000 miles - no longer saw turtles, dolphins, sharks, birds - saw one whale, it appeared helpless with big tumor on head

-6568.1- Similar reports about wildlife around the Pacific Rim, include: sardines -- - seals --- sea lions --- polar bears --- sea stars --- turtles --- salmon --- herring --- coral and more.

-6568.2- 150 dolphins wash ashore - 50 miles from Fukushima - largest mass stranding reported in nation's history? - Gov't Expert: Dolphins may have had psychological problems; don't see signs of cancer (VIDEO) Apr 11, 2015

### **Sea lions, turtles 13 baby gray whales, 55 dolphins, found dead**

09:25 AM Apr 3, 2015 | 754

-8603- 13 baby gray whales & 55 dolphins dead on West Coast - dead humpback whales in Oregon - corpses of sea lions, birds, sea turtles decomposing - Fear for whales encountering radiation hot spots -

volunteers trained about dangers of radiation (VIDEO)

### **Hundreds of sea turtles wash up dead**

11:27 AM Nov 12, 2013 | 160

-6680- Hundreds of sea turtles wash up dead on Pacific coast - dogs stop breathing and die almost instantly when eating them - reproductive problems

### **Eastern Pacific Green Sea Turtles**

01:07 AM Nov 7, 2013 | 29

-6659- Fishermen report boats surrounded by hundreds of dead Eastern Pacific green sea turtles - some found swimming in circles as if dazed or confused

NOAA: Because of the highly migratory behavior of adult turtles, and the likelihood of shifting habitat requirements of post-hatchlings and juveniles, the populations of East Pacific green turtles in the Pacific Ocean cross international boundaries. The west coasts of Central America, Mexico and the United States constitute a shared habitat for East Pacific green turtles. The East Pacific green is the second-most sighted turtle in the east Pacific during tuna fishing cruises. Along the Pacific coast of America, East Pacific green turtles have been reported as far north as British Columbia. Adult and juvenile green/East Pacific green turtles have also been reported along the Washington coastline. The East Pacific green turtle was the most commonly observed hard-shelled sea turtle on the U.S. Pacific coast.

### **Sick seals & sea lions - green & yellow puss on body**

04:49 PM Apr 20, 2014 | 113

-8182- CBS San Francisco: Record number of sick seals & sea lions - large pockets of

green and yellow puss all over their body - (PHOTO & VIDEOS)

03:53 PM Aug 26, 2015 | 517

Baby Elephant seals & sea lions die of leukemia-linked disorder

-8702- California Coast: Many baby seals dying of leukemia-linked disorder- 1/3 of recent deaths at San Francisco Bay rescue center (CHART)

-8702.1- Physics and Radiobiology of Nuclear Medicine (Springer), Jun 29, 2013: **Leukemia is one of the most common cancers induced by radiation** in humans, accounting for one in five mortalities from radio-carcinogenesis. Risk of leukemia varies with age, **younger persons more prone to radio-carcinogenesis** - Leukemia appears as early as **2-3 years after exposure**, average latent period of 5 to 10 years.

-8702.2- California sea lions dying, organs falling out of place, tumors, a pus inside bodies (PHOTO)

12:16 AM Sep 15, 2015 | 228

-8711- Vast amount of dead birds in Pacific off U.S. coast, nothing will eat the bodies - no seals present - fish gone... all of them are starving - Animals acting weird, sick and weak, too weak to fly, too weak to run - Resident: We want to know if it's from Fukushima (VIDEO)

09:41 AM Feb 4, 2016 | 734

-8769- Pacific Rim: Bird die-off; stomachs empty; hundreds of thousands at risk (VIDEO)

### **Mothers and baby Orca whales dying**

Young orcas whales are dead and dying near Vancouver and their pods are decimated or gone.<sup>a</sup> Apologists say, there's not enough Chinook salmon and Coho chum salmon for them, 'which is basically all they will eat'<sup>b</sup>, that disappearing food sources are the reason for the population decline. A zoologist

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<sup>a</sup> Pete Thomas Outdoors (Former columnist for the LA Times), Dec 22, 2016

<sup>b</sup> KOMO, Dec 22, 2016

says one of the mother orcas died in the prime of her life; mothers and their babies are dying.<sup>a</sup>

Common error attributes only slow starvation of each species, rather than death of the food chain, *itself*. The elephant in the room trumpets at me, *'Fukushima fallout' is destroying the food chains in the Pacific Ocean and around the Pacific Rim. Help us. Please. Help us.*

### **Dismembered sea stars, no clams**

Dismembered and dissolving, living sea stars litter the beaches of Kachemak Bay; Alaska; twenty-to-thirty thousand starved murre wash ashore in southwest and south central Alaskan beaches. Whales and otters wash ashore, dead and rotting.

No clams on Ninilchik beach again this year to dig up, not a young clam to be found. Sunflower Stars disappear, then all Star species, (and populations greatly diminish in Oregon and California).<sup>b</sup> Another year of empty nesting colonies of murre, tens of thousands have died of starvation, again this year. Remaining murre abandon nesting colonies; they know; do not raise chicks.<sup>c</sup>

#### **Murres, puffins, kittiwakes, gulls, shearwaters, whales, pinniped, sea otter, fish - dead on NW & West Coast beaches**

03:00 PM Jan 13, 2016 | 410

-8761- Pacific Rim West-/Northwest coast ... Alaska, British Columbia, Washington, California: Dead birds on beaches; also, reproductive failure, **thick-billed murre, black-legged kittiwakes, horned and tufted puffins, glaucous-winged gulls, and sooty and short-tailed shearwaters; concurrent with whale, pinniped, sea otter, and fish mortalities** (VIDEOS)

09:41 AM Feb 4, 2016 | 734

-8769- Pacific Rim: Bird die-off; stomachs empty; hundreds of thousands at risk (VIDEO)

02:28 PM Dec 12, 2013 | 88

-6804- Large die-off of Alaska seabirds from disease never found before in state history - Official: It's super, super common... except it's first time - Hundreds dead per km<sup>2</sup>; Continued to wash ashore - 'Relatively natural; Witness: Head flopped backward, appeared to have seizure, then dropped dead (AUDIO)

08:36 PM Apr 29, 2015 | 395

Animals sick, starving, too weak to swim, hemorrhaging, whales wash ashore

-8621- Whale deaths in California under investigation - whales washing ashore - animals sick, starving, emaciated, too weak to swim, hemorrhaging (VIDEO)

#### **Extinction-level event – plutonium radionuclides hot spots in Pacific to kill for hundreds of years**

06:45 PM Sep 2, 2015 | 631

-8705- West Coast: Whale strandings, cancer in seals, collapse of fish stocks (PHOTOS) and (VIDEO - whale final gasps on beach)

[http://enewnews.com/wp-content/uploads/2015/09/AK\\_whale.gif](http://enewnews.com/wp-content/uploads/2015/09/AK_whale.gif)

(above: animated gif of a whale on the seashore breathing its last breaths as it fights for life after being poisoned by Fukushima plutonium in the Pacific).

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<sup>a</sup> CTV and transcript excerpt, Dec 23, 2016

<sup>b</sup> Alaska Dispatch News: Nov 11, 2016

<sup>c</sup> Alaska Dispatch News: Nov 11, 2016

# 10. Internet comments!

## Preface, Part 3

### God save the internet comments to online stories

#### **Orcas on top of food chain starve to death; not one scientist comes forward to say Fukushima is a cause**

*Vital1*: All embryonic sea life is hypersensitive to radioactive pollution, so the entire North Pacific food chain is collapsing. This view is sported by Dr. Sternglass in his research paper:<sup>a</sup> nuclear contamination from the nuclear bomb testing era caused a significant crash in Pacific Ocean fish stocks.<sup>b</sup>

If that's the case, it's logical to assume Fukushima nuclear fallout is having a similar effect.

Like the human embryo, embryonic sea life including fish eggs, are hypersensitive to radioactive contamination, hence the large number of reports of seals, whales and birds washing up on the west coast of North America, starving to death.

Sternglass says, "The purpose of the study was to determine whether continued atmospheric testing by France and China or potential releases from underground detonations that might unexpectedly escape into the nearby fishing grounds could have detectable effects on the reproduction of fish populations similar to the unanticipatedly severe effects of low level radiation on the human embryo and fetus, <sup>(2, 3, 4)</sup> recently confirmed by independent studies by other investigators. <sup>(5, 6)</sup> <sup>c</sup>

*CodeShutdown*: If you correlate the Sternglass paper with the amount of fallout from, then we have enough radioactive poison to kill the ocean's fisheries hundreds of times over.<sup>d</sup>

10:47 AM Oct 27, 2011 | 13

-1623- French Gov't: Fukushima to make Pacific twice as radioactive as after atmospheric nuclear testing in '60s - releases could persist

05:45 PM Sep 23, 2013 | 37

-6431- Fukushima atmospheric release of 210 quadrillion becquerels of cesium-137 - upper bound in simulation - Chernobyl estimated 70-85 quadrillion

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<sup>a</sup> <http://sccc.org.au/the-pacific-ocean-is-dying>

<sup>b</sup> vital1 January 12, 2017 at 5:17 pm

<sup>c</sup> <http://sccc.org.au/the-pacific-ocean-is-dying>

<sup>d</sup> January 13, 2017 at 7:02 pm



02:32 AM Mar 13, 2013 | 43

-5554--8228.2- Japan Professor: I believe airborne release of cesium-137 from Fukushima equals 400 to 500 Hiroshima nuclear bombs - Another 400 to 500 bombs worth has already flowed into Pacific Ocean (VIDEO)

01:49 PM Jan 12, 2017

-8831- Massive die-off of sea creatures from California to Alaska - Animals starve as food chains collapse - Mass starvation events plague West Coast (VIDEO)

## **Collapse of Pacific Ocean life caused by climate change or nuclear fallout?**

*CodeShutdown:* Is collapse of the Pacific caused by climate change or nuclear fallout? The chitin in plankton absorbs radiation like a sponge. This concentrates nuke fallout up to 10,000 times. The plankton die, bringing the radiation with them to the bottom and the tiny fish that feed on the missing plankton starve. The result: scientists don't measure much radiation in the water, and larger fish that feed on smaller fish that feed on plankton, starve. This ripples up the food chain.

Orcas at the top of the food chain are starving to death and not one scientist comes forward to mention Fukushima as a cause.

A salmon's diet: juvenile salmon eat zooplankton, and larval and adult invertebrates. In the ocean, salmon eat smaller fish, such as herring, pelagic amphipods and krill. The populations of which, have crashed.

## **Plankton & food chains**

### **Salmon – plankton**

02:54 PM Aug 6, 2014 | 139

-8355- Pacific Northwest: die off of young salmon; healthy then die heading out to sea; far less plankton than normal; testing for Fukushima radionuclides (VIDEO)

04:30 PM May 21, 2013 | 83

-5899- **Highest levels of Fukushima contamination in plankton east of Hawaii?** (MAPS)

07:35 AM Mar 18, 2012 | 9

-2873- Cesium-134 detected in plankton 600km from Fukushima just 3 months after meltdowns - Scientists say necessary to look at bioaccumulation

07:53 PM Oct 15, 2011 | 53

-1546- Radioactive plankton heavily contaminated - Food chain fears - Continuously carried southward from Fukushima

06:45 PM Sep 2, 2015 | 631

-8705- West Coast: Whale strandings, cancer in seals, collapse of fish stocks (PHOTOS) and (VIDEO - whale final gasps on beach)

VOA, Sep 1, 2015: While President Barack Obama is in Alaska, he might have this question: Why have 30 dead whales washed ashore... [NOAA's] Fauquier said **extreme mortality event** complicated... Fauquier noted that in the ocean, toxins move up the food chain. Some of the whales actually filter the phytoplankton and the zooplankton... they get the toxins through that method... as you go higher up the food web, more toxin gets concentrated... NOAA hopes to explain why the whales died and why they perished in **such great numbers**.

07:59 AM Jan 14, 2012 | 87

-2263- Gov'ts refuse to provide funds to research Fukushima effects - Virtually zero monitoring

Fisher and other scientists secured funds from a private foundation for a research voyage in the Pacific to gather radiation data on fish, plankton and water. *Nicholas Fisher, a marine sciences professor at the State University of New York at Stony Brook is researching how radiation from Fukushima is affecting the Pacific fishery.* There has been virtually zero monitoring and research on this, he said, calling on other governments to do more radiation tests on the ocean's marine life. In the U.S., it's difficult to acquire funding to do that work. A lot of people are very frustrated.

11:45 AM Jan 10, 2017

-8830- Fukushima radiation contaminates West Coast fish - Fears the country's food chain is polluted... a terrifying discovery — Scientist: It appears plume has spread throughout vast area from Alaska to California — CBS: Bulk of radiation has yet to make it's way across Pacific (VIDEO)

10:13 PM Aug 23, 2013 | 41

-6243- Gundersen: Ocean contaminated from deluge of Fukushima toxic water – I will stop eating fish from west coast - Cesium at 1,000% normal levels in middle of Pacific

09:56 AM Aug 19, 2013 | 39

-6207- Sockeye salmon at dire historic low on Canada's Pacific coast - We think something happened in the ocean - The elders have never seen anything like this at all - Alaska and Russia affected (MAP)

-6207.1- *Gundersen: We will see top of the food chain animals like tuna and salmon that bioaccumulate. The FDA is not monitoring fish entering the United States. By 2013 we might see contamination of the water and the top of the food chain fishes on the West Coast.*

-6207.2- *Gundersen: Federal and state agencies are not measuring this - I've been trying to get people in **Oregon** and Alaska to demand of their state: check **salmon**, it is not difficult.*

07:30 PM Aug 23, 2013 | 29

-6242- Nuclear Expert: Fukushima melted fuel drifts in ocean and onto land, lacks any containment - ends up on coastline and

blows into communities - People get an exceptional dose - health harm to go on for thousands, if not tens of thousands of years (AUDIO)

01:49 PM Jan 12, 2017

-8831- Massive die-off of sea creatures from California to Alaska - Animals starve as food chains collapse - Mass starvation events plague West Coast - "Felt like I was doing nothing but counting dead animals" (VIDEO)

09:32 PM Mar 31, 2015 | 504

-8601- Experts: Pacific food web crashing - what's going on? Where are the fish? Where did they go? - To be honest, it's insane - You could equate it to a war zone - Food shortage all up & down West Coast - Fishermen believe pollution harming food chain, doubt NOAAs warm water theory (VIDEOS)

10:02 AM Sep 18, 2014 | 139

-8426- Fukushima radiation major threat to survival of baby birds - Immediate and worrisome impacts on marine wildlife discussed - More damage to come as radioactive material biomagnifies in food chain

09:45 PM Sep 14, 2014 | 78

-8420- Plutonium contamination of Pacific Ocean food chain from Fukushima suspected; potential long term problems for humans - Newspaper: Leakage of highly contaminated water into sea must be dealt with immediately - Gov't: Effect on health of U.S. public not significant (VIDEO)

03:44 PM Aug 4, 2014 | 104

-8350- Experts: Fukushima globally enhanced cesium-137 levels in air by 2 to 3 orders of magnitude - radionuclide plume reaching Europe contaminates land and food chain

12:11 AM Jun 3, 2014 | 249

-8263- Strontium reaches 500 Billion Bq/m<sup>3</sup> in basements at Fukushima - Record levels reported at 5 locations near ocean - U.S. Senior Scientist: We see strontium becoming more of concern... **food chain will have to be studied more carefully**

**Ocean food chain contaminated**

04:18 PM Feb 4, 2014 | 54

-7053- Months of uncontrolled radioactive releases from Fukushima a problem for Pacific, radionuclides building up in food chain - Health threat to Americans not likely if leaks ended soon after 3/11 (VIDEO)

08:32 AM Jan 23, 2014 | 95

-6960- Significant amount of radioactive seawater to hit Southern California? Expected on beaches in near future - Fukushima contamination may be pervasive across food chain (AUDIO)

-6903- ABC in Fukushima: Radiation to be at U.S. coast early this year - effects on food chain from unprecedented amount of migrating radioactivity? - They tried to stop leaks, it's just not working - TEPCO: We don't know what's gone into ocean (VIDEO)

08:21 PM Jan 9, 2014 | 152

-6902-Gundersen: I'm not eating Pacific Ocean fish - Bio-accumulation of Fukushima nuclear waste concerning - effects of lower-level radiation worse than predicted (VIDEO)

05:59 PM Jan 9, 2014 | 337

-6901- Pacific Wasteland? Japan Gov't Scientist: 'Big problem' for whole ocean if Fukushima water release has strontium-90 - TV: It may not get filtered out; All bets are off without way to plug plant leaks - NHK: All decontamination systems stop working, may not restart for long time (VIDEO)

09:15 AM Jan 8, 2014 | 435

-6896- Pacific ecosystem collapsed since Fukushima - Plutonium and uranium spread thru food chain? (VIDEO)

12:20 AM Jan 8, 2014 | 177

-6895- Hot spots at 1,400% baseline radiation levels on San Francisco-area coast - State: naturally occurring materials not radioactivity associated with Fukushima - Expert: Don't let babies or kids inhale or eat the sand

05:06 PM Jan 7, 2014 | 214

-6894- Dead Conjoined Baby Gray Whales found on West Coast of N. America - Could

be first ever recorded - 2 heads and 2 tails, joined in middle (PHOTOS & VIDEO)

03:05 PM Jan 7, 2014 | 193

-6893- CBS: Health officials are investigating radiation levels along coast near San Francisco after finding higher than typical readings - UC Berkeley Professor: Absolutely no correlation with nuclear disaster; compares eating banana to drinking water from Fukushima plant (VIDEO)

02:31 PM Dec 27, 2013 | 112

-6854- Fission products are flushed into environment by water used on Fukushima molten fuel, including plutonium and curium - radioactivity to recirculate for many generations in ocean food chain, meat content to increase with time

09:12 AM Dec 27, 2013 | 148

-6852- Post-Fukushima Report: Concern over Plutonium and Uranium deposit and re-concentrate far away - Isotopes transfer to land via sea spray, aerosols, flooding - human exposure by inhalation, food, contact<sup>-a-a</sup>

09:50 AM Dec 23, 2013 | 69

-6844- Expect enormous amount of cancer around Pacific - all at risk, radiated water to hit right in U.S. - we're at top of food chain - we get highest radiation dose - 35 people now suffering cancer after U.S. rescue mission off Fukushima (VIDEO)

11:21 AM Dec 16, 2013 | 79

-6814- Releasing Fukushima radioactive water into Pacific 'inevitable' - Reports: Japan very aware of danger posed by past releases; Contaminants concentrated thousands of times in food chain; at end of chain are humans who may suffer genetic damage, cancer, other health problems and death

11:15 PM Oct 6, 2013 | 20

-6504- Concern over small quake triggering another crisis at Fukushima - 'Silly' for gov't to claim leakage contained - Scientist questions if food chain is contaminated far from plant

11:45 PM Aug 22, 2013 | 18  
-6233- Canadian University Scientist: Test seafood for Fukushima contamination - continuous inputs for 2 years - opportunity for re-concentrating up food chain - not enough being done on this side of Pacific

08:40 PM Aug 12, 2013 | 67  
-6170- Enormous amount of contamination flowing from Fukushima will probably imperil entire Pacific Ocean - Threatens other countries, food chain - Absolutely can reach U.S. and Canadian shores (VIDEO)

01:39 PM Aug 11, 2013 | 242  
-6162- People of Japan are responsible for poisoning of world's food chain due to Fukushima catastrophe - They have to stand up and take action - the buck has to stop somewhere (VIDEO)

10:10 PM Jul 22, 2013 | 70  
-6055- 'Fear marine life poisoned' by nuclear material flowing from Fukushima - food chain contamination warnings - TEPCO flip-flop 'shocking'

### **Hanford**

12:11 PM Apr 29, 2013 | 29  
-5807- Hazardous material leaks would contaminate food chain for hundreds of years if reaches Columbia River (VIDEO)

11:12 AM Apr 29, 2013 | 56  
-5806- Humans to be affected by what's killing California sea lions? (VIDEO)

### **Hanford**

10:05 AM Apr 29, 2013 | 12  
-5805- U.S. nuclear worker cries over leaking waste - ready to sell everything and move to woods (VIDEO)

02:33 PM Jul 15, 2012 | 41  
-3794- World food chain compromised by Fukushima Daiichi radionuclides? Levels high in Bluefin tuna (AUDIO)

05:28 PM Aug 23, 2013 | 88  
-6241- New Scientist: Dump Fukushima nuclear waste in Pacific, no risk to U.S. - have to make people understand low levels of radiation don't matter - None of this is going to do anything health wise.

# 11.

## The Life Force is under attack as never before. Feel it?

### **Preface, Part 4**

*Your* understanding or lack of understanding is the most pressing issue of our Time, and Life everlasting.

You have within you the seed of a new understanding empowering you to be active, rather than reactive, and to discern then undo nuclear energy industry death machination<sup>a</sup>.

The bottom line is hidden in the air you breathe, in your vacuum-, car-, ac- and air filters, and lungs and in the water, tap water and bottled water from the store, drinking water ...and, in the radioactive urine you may dispel.

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<sup>a</sup> machination: a scheming or crafty action or artful design intended to accomplish some usually evil end



The bottom line is hidden in the food you grow, you buy in supermarkets and restaurants, and eat. It is hidden in your bloodstream and throughout your body and DNA, passed to your unborn kids and mutates them before they are born or they experience death, before birth.

<http://www.fairewinds.org/nuclear-energy-education/new-video-of-scientist-kaltofen-presenting-to-american-public-health-association>

“In Seattle we had a two week period where we actually had 4-5 hot particles of radioactive material that was trapped by our quantitative filters in the amount of air that people would breathe in a day.”

05:57 PM Nov 18, 2011 | 67

-1832- [Air Filter Friday: Radioactivity at 300% of normal background in Los Angeles-area dust - 350 CPM in St. Louis-area Ionic Breeze \(VIDEOS\)](#)

09:24 AM Nov 9, 2011 | 15

-1739- [Kansas air filters had Iodine-131 above highest levels detected in California by UC Berkeley-a](#)

[Measurements of Fission Products from the Fukushima Daiichi Incident in San Francisco Bay Area Air Filters, Automobile Filters, Rainwater, and Food, Dec. 27, 2013: A variety of environmental media were analyzed for fallout radionuclides from the Fukushima nuclear event. Winter forage vegetation at the California dairy farm had combined cesium 134 + 137 equaling 0.299 pCi/gram or 299 pCi/kg.](#)

Cesium-134 levels would be higher than reported due to the 9 months of radioactive decay that took place before testing occurred (37.5% into its 2-year half-life).

09:31 PM Jul 7, 2012 | 55

-3740- [Just tested an air filter w/highest radioactivity in N. America after Fukushima Daiichi - in Seattle HEPA filter used since 3/11 \(VIDEO\)](#)

07:10 PM Sep 23, 2012 | 26

-4343- [Gundersen: Airplane air filters return to Australia with Fukushima radioactivity mths after 3/11 \(VIDEO\)](#)

11:31 AM May 6, 2014 | 287

-8218- [Fukushima nuclear fuel fragments found in Europe - 10,000+ km from reactors - plume first passed thru N. America - hot particles significant part of radioactive release - spread over hemisphere - core material on Norway air filter \(PHOTO\)](#)

12:54 PM Dec 11, 2011 | 112

-1968- [University annoyed - Air filter from Japan so radioactive, must be buried at radioactive waste disposal site in U.S. \(VIDEO\)](#)

05:40 PM Dec 9, 2011 | 10

-1955- [Researcher: Indoor air filter just north of Tokyo contaminated with 230 picocuries/ft<sup>2</sup> during September - We're finding radiation increasing in food chain \(VIDEO\)](#)

01:38 PM Mar 6, 2014 | 152

[Waste Isolation Pilot Plant \(WIPP\) - NM -8066- WIPP: story doesn't add up - accident unbelievable - \*\*tests show high level release underground contains things more radioactive than high-level waste \(VIDEO\)\*\*](#)

-8066.1- [Carlsbad Environmental Monitoring & Research Ctr., Mar. 5, 2014: Station A \(pre-HEPA\) morning after event \(2/15/14\) high levels - 1,365 Bq/m3 Americium \(241Am\) & 672 Bq/m3 Plutonium \(239+240Pu\). 24 hours after event, filter shows lower levels - 130 Bq/m3 of 241Am and 17 Bq/m3 of 239+240Pu. Station B \(post-HEPA\) afternoon Tues \(2/18/14\) analysis 1.81 Bq/m3 of 241Am & 0.224 Bq/m3 of 239+240Pu.](#)

11:56 AM Apr 25, 2014 | 128

[Waste Isolation Pilot Plant \(WIPP\) - NM -8197- Gov't WIPP Report: Emergency personnel needed for reddish-brown vapors observed after unplanned, excessive exothermic reaction - Filters had orange](#)

tint when changed hrs after radiation release began

07:15 PM Oct 21, 2011 | 60

-1585- [Radioactivity increasing in Tokyo air filters - not from initial blasts - Cesium volatilized into air \(VIDEO\)](#)

[GENDAI BUSINESS ONLINE \(ARTICLE IN JAPANESE\)](#), Jun 14, 2016: [J]ust before the 5th anniversary of the triple meltdown at Fukushima Daiichi, a group of young girls in the city of Minami-Soma rode their bikes to school past a **shocked and saddened pedestrian. That upset observer was Arnie Gundersen**, nuclear reactor expert... What surprised me at this visit to Japan... is that the decontaminated area is contaminated again, Mr. Gundersen said while explaining why it was **such as sad shock to witness the girls on their bicycles**. This was not what I had expected. **I had thought that we would not find such high doses of radiation in the decontaminated area**. But, sadly, our results prove otherwise.... Gundersen collected samples of dust [though] the official data cannot be released before the publication of formal scientific papers, it is evident that **high doses of radiation, usually found in nuclear waste, was detected from these samples**. This means that **highly radioactive dust is flying around the city**. In other words, **the decontaminated land is contaminated again**. Little girls are affected by the radiation 20 times as much as adult men. The Japanese government's standard of 20 mSv is based on exposure assessments for adult men. The girls on their bicycles are actually being affected by a radiation dose equivalent to as much as 400 mSv. Mr. Gundersen also pointed out that human lungs are heavily affected by internal exposures to radiation. At this visit, **I wore a radiation proof mask that can filter out 99.98% of radiation for six hours. I sent my filter to the lab, and they found a high dose of Cesium**. But, unfortunately, the Japanese government only cares about the number on a Geiger counter and does not consider the internal exposure. This has resulted in **a hazardous downplay of this kind of data and human lungs are**

**affected by the serious internal exposure....** [T]he radiation from the mountains are coming back to the city by way of wind and rain. Mr. Gundersen noted the **extreme radioactive contamination of the mountains...** vegetables grown in that area exceed the government's standard by 1500 Bq. These vegetables were sold at the Michino Eki in Tochigi prefecture, and **the bamboo shoot grown in this contaminated region was used for elementary school lunches in Utsunomiya. These school lunches contained more than twice as much radiation as the government's standard...** However, the government continues to push for the end of people's relocation and force the return to re-contaminated areas... **Mr. Gundersen also found that Tokyo remains contaminated**. He measured dust... and **found a high dose of radiation**. That dust is in the air that will be inhaled by the visitors and athletes of the 2020 Olympic Games. Needless to say, the current residents are inhaling it every day... [CCTV CHANNEL 17 INTERVIEW](#)

[CCTV \(Channel 17 in Burlington, Vermont\) - Gendai Business Online \(in Japanese\)](#)

<http://www.fairewinds.org/nuclear-energy-education/fairewinds-in-the-news-gendai-business-online-feature-article>

10:19 AM Jun 30, 2011 | 22

-910- [98.6% of time, air contamination around Fukushima plant not measured - TEPCO: lack qualified personnel to change filters](#)

09:11 AM Jun 30, 2011 | 13

-906- [Trees, soil in Los Alamos area have 'legacy contamination' from nuclear tests in 1940's - If they get heated and radiation goes air borne, we're concerned \(VIDEO\)](#)

[Los Alamos Fire: Perimeter of Nuclear Lab Set Ablaze](#)

08:44 AM Jun 30, 2011 | 13

-905- [Los Alamos residents rush out of town - fear children born with third-eye and extra limbs](#)

08:24 AM Jun 30, 2011 | 4

-904- **Fire near Los Alamos grows to 90,000 acres - where 3% of fire contained: unclear**

02:24 AM Apr 5, 2011 | 7

-220- **Radioactive iodine at 7.5 million times legal limit in water around Fukushima - Cesium-137 at 1.1 million times limit (VIDEO) - 300,000 Becquerels of iodine-131 per 1 cubic centimeter**

*A Plus*, Aug 27, 2015: *The Story Behind This Picture Is So Mysterious, Scientists Are Scratching Their Heads; **What is going on here?!***... the number has skyrocketed. Thirty whales spanning at least four species have been found... NOAA Fisheries scientists and partners are **very concerned about the large number of whales** stranding in the western Gulf of Alaska in recent months, Dr. Teri Rowles of the NOAA said... these enormous, gorgeous animals are **dying in such high numbers**.

VOA, Sep 1, 2015: While President Barack Obama is in Alaska, he might have this question: Why have 30 dead whales washed ashore... [NOAA's] Fauquier said the **extreme mortality event** was complicated... Fauquier noted that in the ocean, toxins move up the food chain. Some of the whales actually filter the phytoplankton and the zooplankton... they get the toxins through that method.... as you go higher up the food web, more toxin gets concentrated.... NOAA hopes to explain why the whales died and why they perished in **such great numbers**.

*Cordova Times*, Aug 28, 2015: *Whales..Thirty dead whales ....And **no one knows why***... when thirty of them die in four months, three times the usual rate, something is not right.... between **700 deaths** over the years, scientists have managed to perform **two full necropsies**. For this particular event, they've done **one limited necropsy**... While they keep an eye on algae, **they have been testing all possibilities. Possibilities like fallout from Fukushima**, and while they did radiation testing as part of the limited autopsy, it came back with background

levels that would occur normally in Alaska -Julie Speegle, speaking on behalf of NOAA.

*Newsweek*, Aug 27, 2015: Over the last few months, dead whales have been **appearing regularly on beaches along the Northern California** coast. In the same period, 30 whale carcasses have washed up along the coast of Alaska, puzzling scientists.

*Washington Post*, Aug 30, 2015: *Concerns mount as whales are found dead in Gulf of Alaska* - Researchers are **scrambling** to determine what's behind the death of 30 whales... Other dead whales have been reported **off the coast of British Columbia.... starvation or disease could be behind the deaths... more likely culprit is unusual water conditions.**

08:58 AM Feb 17, 2016 | 577

-8775- **Vancouver B.C. & Seattle: 220,000,000 atoms of Fukushima Iodine-129/liter of rainwater-a w/15 million year half-life in aquifer; supplies deadly drinking water-a to 120,000 people in BC/WA**

11:26 AM Mar 23, 2011 |

-112- **Tokyo drinking water unsafe for infants: Gov't distributes bottled water**

11:57 PM Jun 16, 2011 | 113

-753- **Iodine-131 kills babies In Philly? Deaths up 48% since radiation spikes in tap water (VIDEO)**

03:35 PM Apr 21, 2011 | 12

-361- **EPA data - iodine-131 in L.A. tap water - no testing for radioactive cesium**

07:33 AM Mar 6, 2012 | 39

-2761- **Iodine-131 in Minamisoma tap water (REPORT)**

09:25 AM Apr 6, 2011 | 39

-233- **Washington State, Richland: Air monitor shows sustained radiation spike March 31, then goes out of service - iodine-131 found in Richland drinking water - EPA finds radionuclides in Richland tap water... one of two spots in U.S.: other is Boise Idaho.**

10:39 PM Apr 4, 2011 | 10

-219- EPA finds drinking water with radioactive iodine-131 in Idaho and Washington - Samples collected last week

02:44 PM Oct 8, 2011 | 90

-1496- Report: Tokyo tap water in crisis? Comes from area that is radioactive as Chernobyl's 'contaminated areas' - 100,000-300,000 Bq/kg

11:51 PM Jul 3, 2011 | 115

-945- **Cesium** found in Tokyo tap water

09:59 AM Apr 10, 2011 | 14

-273- East Coast city's tap water has highest radiation in U.S. - Philadelphia only .8 pCi/L below EPA maximum contaminant level

04:46 PM Mar 14, 2013 | 67

-5570- Tap water could probably run a lawn mower... it's real gas - 500,000x legal limit for benzene - I've never seen such high levels - Brockovich visits Illinois community (VIDEO)

03:04 AM Nov 1, 2012 | 10 -

-4667- Man ignites tap water 4 miles from Louisiana sinkhole - bubbling after giant hole formed (VIDEO)

09:21 AM Mar 19, 2011 | 2

-78- Radioactive iodine found in Tokyo tap water - cesium found in tap water in Tochigi & Gunma

05:37 PM Aug 30, 2011 | 12

-1263- Quake-hit Virginia nuke plant should be distributing bottled water to

Criminally, this understanding that would benefit mammals (including human) as species is absent from mainstream news, K-12 classes and higher education; all who appear to be apologists for the nuclear death industry.

It is our view that the increased amount of cancer in women worldwide parallels the rise of nuclear testing and the nuclear power industry ...and heightening cancer rates in females and males, alike; (although new research reveals fallout and the nuclear energy business is more dangerous to women, in utero life in the womb, infants and girls than to men and boys).

In other words, we argue the increased amount of cancer in mammals (including human) worldwide *parallels* the rise of nuclear testing, the nuclear power industry, use of depleted uranium weapons, as well as normal, and catastrophic and cataclysmic nuclear energy events ...all-the-while new

nearby residents - Pipes under North Anna potentially grave public danger

09:09 AM Oct 2, 2011 | 52

-1450- AFP: Reigning champ showering with bottled water while in Japan - Another rider considers leaving all his clothes behind

00:01 AM Jun 8, 2016

-8821- EPA Proposes Shocking Thousand-Fold Increase in Radioactivity Allowed in Drinking Water

-8821.1- Fairewinds Comments on the EPA's Proposed Changes to the Protective Action Guidelines (PAG) Jul 29, 2016 Reports Report, EPA, Radiation Caroline Phillips Environmental Protection Agency has proposed new radiation limits for the public 25x higher than current exposure limits. These new guidelines would substantially increase the amount of radiation people can ingest the days and years following an atomic disaster. The EPA announcement was open for public comment til July 25. This is the Fairewinds brief submitted =

[HTTP://WWW.FAIREWINDS.ORG/NUCLEAR-ENERGY-EDUCATION//FAIREWINDS-COMMENTS-ON-THE-EPAS-PROPOSED-CHANGES-TO-THE-PROTECTIVE-ACTION-GUIDELINES-PAG](http://www.fairewinds.org/nuclear-energy-education//fairewinds-comments-on-the-epas-proposed-changes-to-the-protective-action-guidelines-pag)

03:38 PM Dec 13, 2013 | 242

-6807- China bans all imports of shellfish from U.S. West Coast - inc: Washington, Oregon, Alaska, N. California - to continue (AUDIO)



research documents low level exposure to radionuclides over long periods of Time appears more dangerous to Life Everlasting, than sudden upchucks.

Surplus human death as a result of atmospheric nuclear testing since 1945 are counted by epidemiologists at 60,000,000 deaths. And, 120,000,000 cancers from radioactive releases. Plus, add in several more million dead babies and fetuses.

Since March 2011, Fukushima has doubled the existing amount of fallout in the world, that you are exposed to, that shows up in the food you eat, the water you drink, and the air you breathe ... as a species.

The Fukushima fallout amount is described as the same as 500 Nagasaki plutonium-nuclear bombs exploded in the sky ...plus, another 500 plutonium-nuclear bombs exploded in the sea. So, can we now double the estimated additional surplus death toll?

Sure.

If you see through your mind's eye, consider beside humans other mammals who breathe the same air and drink the same water and eat plants and fruits grown in the same soil as our food, watered by the same nuclear rain-through and touched by the same nuclear ground shine.

In our opinion, you can double the death toll again, if you include animals, created by Our Hand.

The excess human death toll *in the United States* since 2011 from Fukushima fallout according to epidemiologists is 20,000 human deaths.<sup>a</sup>

Perhaps 100,000, and counting.

Now again, consider animals on land in the United States.

Now, consider animals in the sea.

Now again, across the northern hemisphere.

Consider this: 1,000,000 cancers from Fukushima in Japan over the next 20 years - first thyroid, then lung, organ, brain then leukemia.

To date, Fukushima fallout in North America is estimated 400,000,000,000,000 Bq Cesium-137 – resulting in cancer if one particle is ingested.

Ongoing- ...new disease ...suffering ...mutation and ...death from historic atmospheric nuclear testing and leaks from renewed underground testing, and ongoing leaks from the nuclear power industry (not to mention from normal day-to-day operations) and depleted uranium weapons can be slowed down ...all we have to do is phase out the nuclear power industry, depleted uranium weapons, decrease nuclear testing ...and, in its place, phase in alternative energy.

But listen well, the damage is already done; ongoing consequences cannot be undone or reversed. The cancer rate is now one-in-two.

Soon, thanks to nuclear energy industry, it will be one-in-one.

The Life Force is being attacked as never before. Can you feel it?

It needs our help.

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<sup>a</sup> -2317- 20,000 excess U.S. deaths after Fukushima, not 14,000? ... looks at age groups, cities

[Editor's note: we have as yet been unable to verify the following references attributed to the Swedish 'gov't']  
<http://owndoc.com/cancer/radiation-true-cause-of-cancer/>

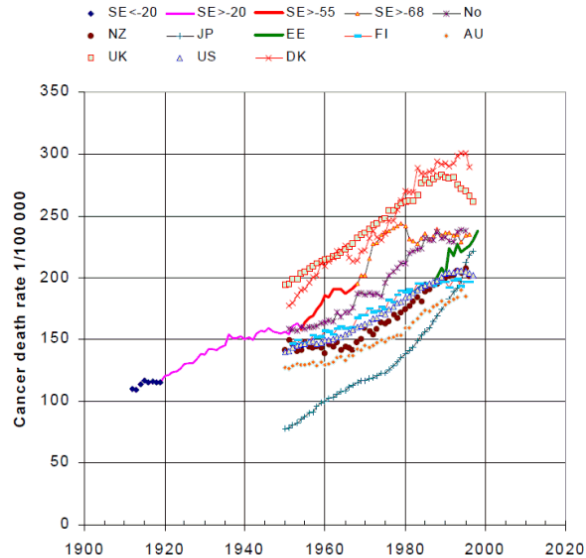


Figure 26. Cancer mortality development in several countries since 1950.

“One country ... kept accounts of cancer cases since 1910: Sweden. This is a chart of their cancer rate from that time onwards:

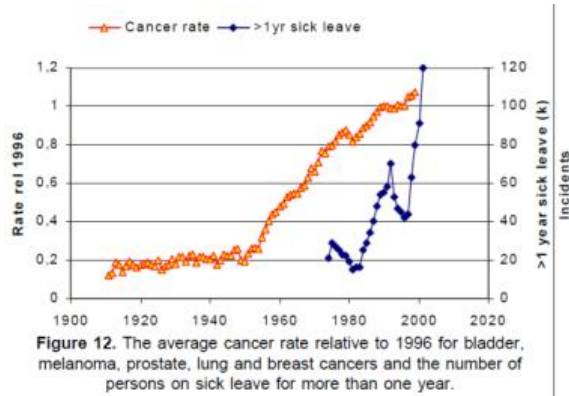


Figure 12. The average cancer rate relative to 1996 for bladder, melanoma, prostate, lung and breast cancers and the number of persons on sick leave for more than one year.

12:38 PM May 5, 2016

-8812- 60,000,000 killed by nuclear fallout - 120,000,000 cancers from radioactive releases - doesn't include millions more dead babies and fetuses, war crime far greater than any in recorded human history

May 5, 2016 - over 60,000,000 humans have been killed by nuclear fallout. And, over 120,000,000 people have gotten cancer from radioactive releases. Plus, you can add in several more millions of dead babies and fetuses.

-5554--8228.2- Japan Professor: I believe airborne release of cesium-137 from Fukushima equals 400 to 500 Hiroshima nuclear bombs - Another 400 to 500 bombs worth has already flowed into Pacific Ocean (VIDEO)

-2317- 20,000 excess U.S. deaths after Fukushima, not 14,000? ... looks at age groups, cities

-2064- 1,000,000 cancers from Fukushima in Japan over next 20 years - First thyroid, then lung, organ, brain, leukemia

**Baby Elephant Seals & sea lions die of leukemia-linked disorder**

03:53 PM Aug 26, 2015 | 517

-8702- California Coast: Many baby seals dying of leukemia-linked disorder- 1/3 of recent deaths at San Francisco Bay rescue center (CHART)

-8702.1- Physics and Radiobiology of Nuclear Medicine (Springer), Jun 29, 2013: Leukemia is one of the most common cancers induced by radiation in humans, accounting for one in five mortalities from radio-carcinogenesis. Risk of leukemia varies with age, younger persons more prone to radio-carcinogenesis - Leukemia appears as early as 2-3 years after exposure, average latent period 5-10 years.

-8222- Fukushima fallout in N. America 400,000,000,000,000 Bq Cesium-137 - cancer if one particle ingested

# 12. Mammals versus idiots

## **Introduction, Part 1**

The Nuclear Regulatory Commission says that nuclear energy is safe ... the current trend is to build 1,000-to-2,500 new reactors to prove the point it's great for the environment. The premise of this book is that it is not safe ... Facebook and YouTube are coming alive with excitement we're at the crossroads ... the crossroads are in the rearview mirror. We're racing, we're half-past dead ...and unless we can get it from this book, we're having 2,500 nails put in our coffin.

(This is the first book that documents the nuclear energy industry and prior atmospheric testing are killing mammals (including human), and females are most vulnerable.)

**Animal lovers:** 20,000 excess human deaths in the U.S. followed Fukushima fallout, and infant mortality doubled in Seattle and Vancouver BC, while prior atmospheric testing is resulting in 60,000,000 people dead and 100,000,000 with cancer. We argue: if you include animals, those rates double, triple and more. We argue in defense of mammals (including human), who can't speak out and prosecute the owners of the nuclear power industry wiping them out. This book is a summary of evidence, a book of exhibits for a public trial of those who profane natural- and Divine order.

Currently, children and other baby mammals, as well as adults, are terribly suffering worldwide from nuclear power. And, the legion of evil doing this to us are persecuting whistleblowers. Even the trees and flowers and insects and birds and reptiles and whales and dolphins and starfish and pelicans and seabirds and cows, horses, dogs and cats and everything living that reproduces itself after its own kind, have their DNA in the crosshairs of nuclear madmen owned and governed by the G8 and International Monetary Fund and World Bank and Bank of International Settlements ...the western central banks, that have become the new face of the Inquisition, carelessly killing all who do not worship money and even those who do, and bent on destroying Natural Order, Gaia and Divine Order. Now, hidden and aided by the Chinese central banks.

We look at Hillary's WikiLeaks-released emails while stationed post-Fukushima in Japan as State Secretary in the aftermath of Japan's three meltdowns following directives from Obama and Kissinger not to allow Japan to be nuclear free by 2030 ...and as a consolation prize Hillary's pact with Japan that food imported from Japan into the U.S. not be tested for radionuclides. The Fukushima emails disappear.<sup>a</sup>

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<sup>a</sup> Editor's note: See Chapters 21, 22.

2317- 20,000 excess U.S. deaths after Fukushima? ... age groups, cities

04:07 PM Jan 29, 2012 | 29

-2410- TMI: Cancer death increase - Infant mortality doubles - birds disappear - mutations (VIDEO)

-742- Spike in U.S. infant mortality 4 mths after Chernobyl - infant deaths from Fukushima fallout? (VIDEO)

01:06 AM Oct 2, 2012 | 78

-4411- Sec. Clinton personally pressures Japan leader to keep nuclear power as President Obama wishes it

### ***Donald and the Trumpettes***

Nuclear power makes global warming worse.

*Maybe, just maybe* this Administration, Donald and the Trumpettes, will refuse to fund the nuclear reactor industry (with our tax dollars) who now say they will fight global warming by lowering our carbon footprint, and adding 1,000-to-2,500 new reactors will get of the problem ...not to mention all living things – (so, it appears to the learned eye).

Yes, we have no Obama. But, we had none even before Entergy was caught poisoning Manhattan.

*Obama says there is no danger here in the United States from Fukushima fallout ...why?* Obama's chief political strategist, David Axelrod, worked for Exelon, the largest nuclear plant owner in the U.S., planning strategic public affairs. Exelon's former chief Washington lobbyist, Elizabeth Moler, served as deputy national co-chair for the Obama campaign. Barack had successive White House energy czars describing nuclear power as 'safe, clean, and reliable' ... parroting the industry position. Entergy does Vermont.

This time, you'll know about Tritium.

Fukushima is continuing to poison Portland Oregon. Portland is just over the *other* pond, from Fukushima. Portland prides itself on t-shirts and bumper stickers, as being 'weird'. Seventeen states, including Puerto Rico and the District of Columbia, have laws intended to provide statewide fluoridation ... Oregon is not one of them [<http://fluoridealert.org/content/mandatory-fluoridation-in-the-u-s/>].

Portland citizens repeatedly vote to keep fluoride out of drinking water and keep it pure, based on new scientific research that fluoride reduces I.Q. in children and causes dementia in seniors ...with all the pro and con documentation included in their voter handbook. Some weirdo's document that fluoride calcifies your pineal gland, or 'third eye', the seat of your foresight, hindsight, imagination, dreams, intuition, simply seeing beyond normal sight ...after all, the pineal gland has rods and cones like your other two eyes. ...say it isn't so.

Portland doesn't know an organic farm in southeast Portland voluntarily closed down because it was *permanently* contaminated from Fukushima radionuclide *rain-through (nuclear fallout)* and resultant nuclear fallout *ground shine* ...it could no longer grow food safe to eat, ever again. Nor, that Portland had/has the most rain-through and ground shine of Fukushima fallout in the U.S., as much as around Fukushima Dai-Ichi. The Pacific Cascades, even more.



Just as in Seattle folks did not know, and still do not know, they breathed in hot particles daily that increase nose bleeds and asthma and pneumonia then lodge in the lungs and cause lung cancer, we here in Portland did not know we breathed hot particles in, too.

Not a peep from the people of Portlandia, news or city commissioners ...nothing. Not even from Obama, Hillary or Trump when auguring for the inauguration. Not a single word.

*That's weird.*

12:43 PM Nov 29, 2011 | 64

-1879- 2008: Obama chief political strategist David Axelrod worked for Exelon, largest nuclear plant owner in U.S. - NEI chairman is Obama donor

<http://www.vanityfair.com/news/2011/10/obama-nuclear-201110>

[http://www.oregonlive.com/portland/index.ssf/2013/05/portland\\_fluoride\\_fo\\_or\\_the\\_four.html](http://www.oregonlive.com/portland/index.ssf/2013/05/portland_fluoride_fo_or_the_four.html)

12:05 AM Mar 26, 2012 | 61

-2922- Fairewinds president: Organic farm in Portland stopped producing food after radiation tests - very frightening what happened on West Coast (VIDEO)

12:00 AM Nov 1, 2011 | 229

-1658--7024- Portland-area topsoil up to 8,000 pCi/kg of cesium from Fukushima - Over 10,000% higher than highest levels found by UC Berkeley

Kaltofen found higher radiocesium deposition than 500 Bq/m<sup>2</sup>-

-2672- Portland-area highest Iodine-131 deposition in U.S. at 5,100 Bq/m<sup>2</sup> by April 5 -Gov't Study

09:43 AM Dec 22, 2011 | 25

-2067- West Coast - increase in cancer from Fukushima radionuclides - After Japan, the most radioactive area is Cascade Mountains - Portland had cesium at 100 Bq/m<sup>2</sup> (VIDEO)

<http://www.fairewinds.org/nuclear-energy-education/new-video-of-scientist-kaltofen-presenting-to-american-public-health-association>

“And in Seattle we actually had a two week period where we actually had 4-5 hot particles of radioactive material that was trapped by our quantitative filters in the amount of air that people would breathe in a day.”

06:34 AM Nov 16, 2011 | 84

-1802- Radiation precautions for areas near Seattle, Vancouver, Portland? Perhaps you need to wash your shoes... and other things (VIDEO)

07:40 PM Jan 29, 2014 | 145

-7025- Fukushima fallout in U.S. - Dose in Northeast and Great Lakes equal to West Coast (GRAPHIC) French Institute of Radioprotection & Nuclear Safety (IRSN, 2012): 73 radionuclides were released by Fukushima. One might argue low impact concluded in our study claiming only radiocesium has been studied instead of 73 radionuclides emitted.

### **Animal lovers**

Now, 20,000 excess human deaths in the U.S. follow Fukushima fallout, and infant mortality doubled in Seattle and Vancouver BC, following Fukushima.

*At the same Time and Space, prior atmospheric testing is resulting in 60,000,000 people dead and 100,000,000 with cancer.*

*We argue: if you include animals, those rates double, triple and more.*

-2317- 20,000 excess U.S. deaths after Fukushima? ... age groups, cities

04:07 PM Jan 29, 2012 | 29

-2410- TMI: Cancer death increase - Infant mortality doubles - birds disappear - mutations (VIDEO)

**To include animals, double or triple or quadruple these numbers**

-742- Spike in U.S. infant mortality 4 mths after Chernobyl - infant deaths result of Fukushima fallout? (VIDEO)

12:38 PM May 5, 2016

-8812- 60,000,000 killed by nuclear fallout - 120,000,000 cancers from radioactive releases - doesn't include millions more dead babies and fetuses- war crime far greater than any in recorded human history (VIDEO)

We trace the tragic extinction-level journeys of whales and dolphins in currents constantly re-filled for six years with floating and submerged Fukushima plutonium from Japan to the west coast. There, they surround and circle fishing boats crying and lay their heads against a boat, pleading for help, breaching and listing, swimming in circles helplessly, huge tumors on their heads, hiding by the hundreds in small harbors.

Then, the whales and dolphins wash up dead and dying on the beaches, alongside dead crabs, starfish, octopi and pelicans in a death freeze, pressed into the sand from Alaska to Mexico

Note the Alaskan seals, eyes bleeding and faces covered in lesions and tumors where jet stream rain-through brought airborne Fukushima hot radionuclide particles down upon them, and the polar bears, marked like the salmon with lesions and tumors from seaborne hot particles.

Notice the young sea lion pups off California, not one survived where thousands were expected, birds falling from the sky, thousands washing up dead on the shorelines, harbors covered with dead fish and in California the skin is falling off the horses just like the seals, faces of both covered in bleeding lesions and tumors.

### **Got milk?**

Milk from cows across the USA is reported too full of Fukushima fallout to be safe to drink because our pastures, like Japan's, are covered with Fukushima fallout *shine*, and the breast milk of women in Japan and Tokyo is filled with Fukushima radionuclides and unsafe. [Editor's note: See Chapter 38, *Got Milk?*]

Children are being born there with extra legs like the animals in Chernobyl, and kids being born without brains around Hanford, today just like when they closed it down when sheep were born without faces or mouths and legs joined.

It is too much for me to bear; I go out walking in the snow till my feet get too cold and look up into the clear night filled with stars, the air is crisp and clean and I am torn apart. It is all a State secret, in Japan and in the United States, too. All mammals (including human) are stricken in awe, breathing a death rattle. The nuclear energy industry reassures us, nuclear energy is safe and clean. I am not comforted.

### **Hanford**

05:30 PM Jun 6, 2014 | 194

-8270- NBC - Nuclear workers suffering severe brain damage- Toxic waste raining

down from sky, wore baseball caps for protection - brains being eaten away, teeth falling out - Workers raising safety issues framed using false evidence, fired - Gov't agency not allowed in to investigate (VIDEO)

-8270.1- U.S. nuclear workers' brains eaten away, hallucinating, mental capacity of preschooler - wife films trembling husband on deathbed - indescribable what they've done and they don't care - they want you to die - Gov't Experts: **It's allergies from cats or feathers... or B-12 deficiency** - Doctor: Quit helping workers get help (VIDEO) Nov 21, 2014

-8270.2- TV: 11 workers at U.S. nuclear site transported to medical facilities - Suffering nose bleeds, chest pains, coughing up blood - Multiple locations evacuated - Persistent

09:04 PM Dec 22, 2013 | 94

-6842- Radioactive snow falls on Navy ship caused by Fukushima radioactive steam... Is that aluminum foil I taste? - Sailors defecating on themselves in hallways from excruciating diarrhea- Radiation 300x 'safe' levels (VIDEO)

04:07 PM Jan 29, 2012 | 29

10:29 AM Oct 19, 2013 | 146

-6568- Sailor: After we left Japan, it felt as if the ocean itself was dead - Nothing alive for over 3,000 miles - no longer saw turtles, dolphins, sharks, birds - saw one whale, it appeared helpless with big tumor on head

Nov 30, 2013

-6739.5- Whale Expert, Vancouver: In 30 years I've never ever seen this behavior, must sense this is a safe place to be - Captain: I've never seen anything like it in 50 years on Pacific - One even placed its head on the boat (VIDEO)

Aug 30, 2014

-6739.6- Surge in marine mammal strandings on West Coast - My biggest fear is if this... is everywhere along coast - Whales, dolphins, sea lions, birds recently washing up in large numbers - thousands likely dead - Violent seizures on news (VIDEO)

symptoms extremely unusual - Workers: Place is falling apart - serious problems out there (VIDEO) Mar 26, 2014

-8270.3- CBS Evening News: Nuclear engineer fired - Warning about blast similar to Fukushima in U.S. - Comparison left out when aired by CBS 'This Morning' (VIDEO) Oct 21, 2013

-8270.4- Accused arsonist hired at U.S. nuclear plant - as safety specialist - 'unescorted access' at site Mar 21, 2014

-8270.5- Explosion at U.S. nuclear site - secret from public - in plant where plutonium was manufactured - - Flames shot out - big, loud bang like a shot gun (VIDEO) May 4, 2014

-2410- TMI: Cancer death increase - Infant mortality doubles - birds disappear - mutations (VIDEO)

04:59 PM Jun 15, 2011 | 31

-742- Spike in U.S. infant mortality 4 mths after Chernobyl - current infant deaths result of Fukushima? (VIDEO)

07:25 AM Jan 5, 2012 | 74



-2177- Baby humpback whale found dead near Tokyo Bay (VIDEO)

09:51 AM Jan 10, 2012 | 36

According to Tokyo marine preservation section, when 10th around 8:30 AM, the Seikai container berth of Tokyo port (the Tokyo Koto Ku) the cadaver like the whale in the sea surface near has drifted, there was information. As for the cadaver at length 10~20 meter, as for type it is unclear. <Everyday the.jp editorial staff>



09:51 AM Jan 10, 2012 | 36

-2225- Massive dead creature floating in Tokyo Bay - Near where radioactive ash is dumped (PHOTO)

### Dead whales

02:40 PM May 11, 2015 | 228

-8630- West Coast: Strandings of large sea creatures; 5 dead whales in 3 weeks beach

**Seals, whales, sea lions, otters, birds**

07:42 PM Sep 4, 2015 | 1,086

-8706- West Coast animals. Alaska-to-California – whale disoriented; sea lions, seals, otters, birds disoriented, seizures; 30 whales tangle in nets; moose disoriented, swims in circles (PHOTOS & VIDEO)

11:42 AM May 24, 2014 | 394

-8249- Horror show at Los Angeles-area beach - marine animals get sick and die - hobble, fall over-(VIDEO)

02:25 PM Dec 28, 2011 | 103



-2118- Diseased Alaska seals tested for radiation have abnormal brain growths, undersized lymph nodes - Environmental cause indicated - Also found in Russia, Canada (PHOTOS)

08:11 AM Dec 28, 2011 | 88

-2114- Radiation tests underway on dead and diseased seals in Alaska - Bleeding lesions, hair loss (PHOTO)



07:51 AM Jan 4, 2012 | 81

-2169- Alaska: Fukushima radiation sickens seals? Lesions on hind flippers and inside their mouths - Stricken live seals were lethargic, allowing people to approach - Necropsies found fluid in lungs, white spots on livers and abnormal growth in brains

on Northern California coast - two dead whales in same place (VIDEO)

**Extinction-level event – plutonium radionuclides hot spots in Pacific to kill for hundreds of years**

06:45 PM Sep 2, 2015 | 631

-8705- West Coast: Whale strandings, cancer in seals, collapse of fish stocks (PHOTOS-) and (VIDEO – **whale’s final gasps on beach**)

04:39 PM Jan 2, 2012 | 33

-2155- Seals, walruses - unprecedented number of sea turtle deaths in Vancouver Island (AUDIO)



**Ice seals, walruses, polar bears**

10:09 AM Mar 14, 2013 | 59

-5566- Sickened Alaska animals get more tests for Fukushima radionuclides - Oozing sores, bleeding, swollen internal organs, hair loss (PHOTOS)

-5566.1- no cause officially identified for illness plaguing ice seals - walruses and polar bears have turned up with similar ailments - some of the animals were found to also have bleeding and swelling in their lungs, livers, lymph nodes and other internal organs

**Pulsed release - Alaska seal lesions, deaths**

10:40 AM Jan 25, 2014 | 232

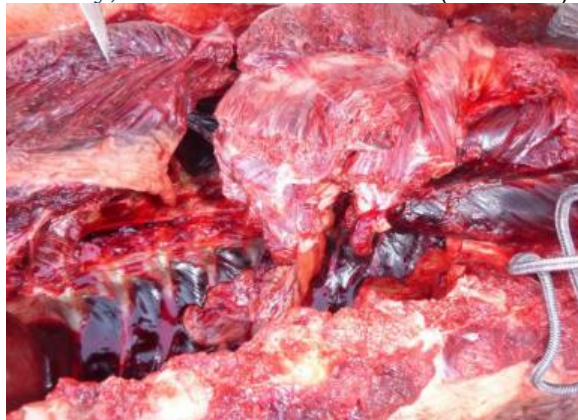
-6982- Alaska seal deaths & Fukushima fallout - skin lesions, hair loss, lethargy, pulsed release ... built-up radionuclides set free as ice melts - (PHOTOS & MAP)



### White goo and slime inside seal flesh

09:46 AM Jan 26, 2014 | 314

-6986- White goo everywhere inside Alaska seal flesh, crows won't touch it, slime in one's mouth, kidney almost black; another appeared to change color; hairless one seen recently; we have sick seals here (PHOTOS)



Alaska seal flesh, crows won't touch it - slime in one's mouth, kidney almost black - another appeared to change color - hairless one seen recently



Alaska seal deaths and Fukushima fallout - Skin lesions, hair loss, lethargy

(Note: The following two endnotes accompany this info.) Alaska Marine Science Symposium (pdf), Jan. 20-24, 2014 (*emphasis added*): *2011 Fukushima Fall Out: Aerial Deposition On To Sea Ice Scenario And Wildlife Health Implications To Ice-Associated Seals* (Dr. Doug Dasher, John Kelley, Gay Sheffield, Raphaela Stimmelmayer) –

On March 11, 2011 off Japan's west coast, an earthquake-generated tsunami struck the Fukushima Daiichi nuclear power plant resulting in a major nuclear accident that included a large release of airborne radionuclides into the environment.

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<sup>a</sup> Sea ice and snow would act as a refuge for deposited radionuclides; thus radionuclides

Within five days of the accident atmospheric air masses carrying Fukushima radiation were transiting into the northern Bering and Chukchi seas. During summer 2011 it became evident to coastal communities and wildlife mgt agencies that there was a novel disease outbreak occurring in several species of Arctic ice-associated seals.

Gross symptoms associated with the disease included lethargy, no new hair growth, and skin lesions, with the majority of the outbreak reports occurring between the Nome and Barrow region.

NOAA and USFWS declared an Alaska Northern Pinnipeds Usual Mortality Event (UME) in late winter of 2011. The ongoing Alaska 2011 Northern Pinnipeds UME investigation continues to explore a mix of potential etiologies (infectious, endocrine, toxins, nutritious etc.), including radioactivity.

Currently, the underlying etiology remains undetermined. We present results on gamma analysis (cesium 134 and 137) of muscle tissue from control and diseased seals, and discuss wildlife health implications from different possible routes of exposure to Fukushima fallout to ice seals.

Since the Fukushima fallout period occurred during the annual sea ice cover period from Nome to Barrow, a sea ice based fallout scenario in addition to a marine food web based one is of particular relevance for the Fukushima accident.

Under a proposed sea ice fallout deposition scenario, radionuclides would have been settled onto sea ice. Sea ice and snow would have acted as a temporary refuge for deposited radionuclides; thus radionuclides would have only become available for migration during the melting season<sup>a</sup> and would not have entered the regional food web in any appreciable manner until breakup (pulsed release).

The cumulative on-ice exposure for ice seals would have occurred through external, inhalation, and non-equilibrium dietary pathways during the ice-based seasonal spring haul-out period for molting/ pupping/ breeding activities.

would only become available for migration during melting season



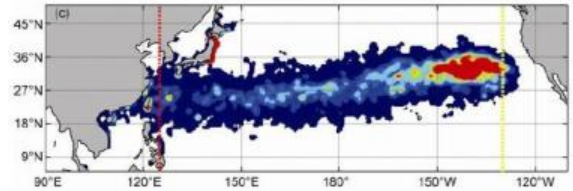
Additionally, ice seals would have been under dietary/metabolic constraints and experiencing hormonal changes associated with reproduction and molting.

Radiation from Fukushima, APRN (Alaska Public Radio Network), Jan. 24, 2014: They're having trouble sealing up the leaking nuclear power plants in Japan and they're also having trouble disclosing what is going on there. Is this a reason to distrust Alaska seafood?

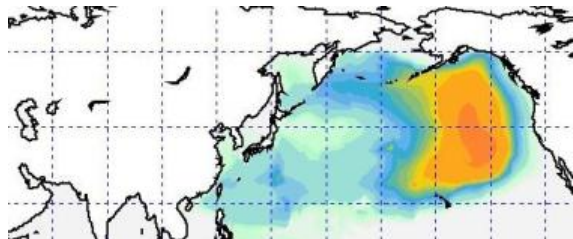
Researchers: Skin ulcers on Alaska wildlife after Fukushima were never observed before -- Also reported in seals from Japan -- We couldn't document fallout pattern when plumes hit and animals were on the ice (AUDIO)



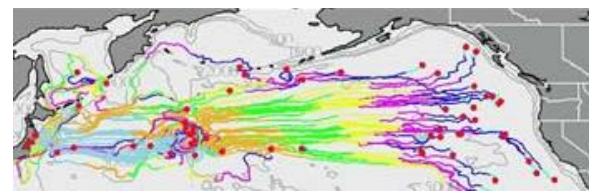
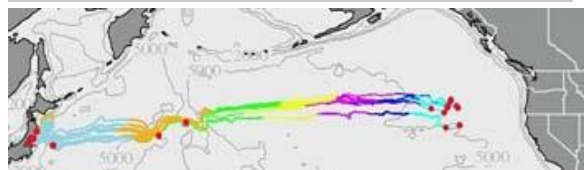
(Above) Left: Location of sickened seals; Right: Blue line is radioactive plume from Fukushima mid-March 2011



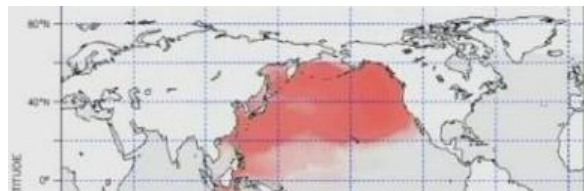
Impact strength of Cs-137 in year 4 (Han G J, et al. 2013)



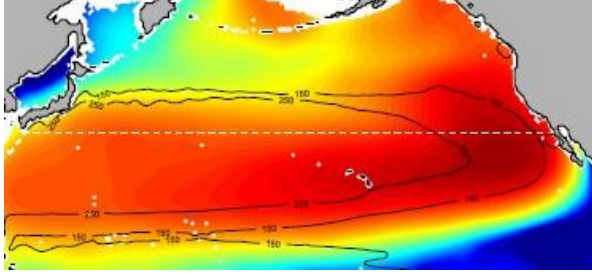
(Above) Model produced by governments of Korea and China



(Above) Top: 200 meters; Bottom: 50 meters, variable depth (Z. Lai et al.)



(Above) Model produced by governments of Korea and China



Subsurface concentration of Cs-137 (Bq/m3) at 150-250m (Rossi et al 2013)

12:28 PM Nov 16, 2013 | 79

-6699- The truth must be told, Fukushima a major global threat to all living flora and fauna... Mainstream media not best source of information - Gundersen: Only thing saving us is internet (AUDIO)

01:17 AM Nov 16, 2013 | 151

-6698- Skin ulcers on Alaska wildlife after Fukushima were never observed before - Also reported in seals from Japan - couldn't document fallout pattern when plumes hit and animals were on the ice (AUDIO)

07:16 AM Apr 7, 2012 | 72



-3025- USGS - polar bears with oozing sores, hair loss in Alaska - tests for radiation - 3 of 4 affected - Similar symptoms as recent seal deaths (PHOTO & AUDIO)

11:07 AM Jan 28, 2014 | 173



-6992- Alaska: Salmon w/strange growths inside - skin illness on white fish raises concerns - Gov't predicts catastrophic king salmon run (PHOTOS)

**Plutonium kills ocean animals?**

05:31 PM Jan 28, 2014 | 64

-6994- Alaska: Fukushima fallout factor in unusual mortality of seals and walrus; no test for plutonium (AUDIO)

01:17 PM Jan 28, 2014 | 116

Cesium fallout killing ocean animals?

-6993- Radioactive cesium in ocean from Fukushima reaches 50,000x levels after Chernobyl (VIDEO)

10:09 AM Mar 23, 2013 | 73



-5635- CNN airs ill California sea lions - walking skeletons - unprecedented crisis, exponentially higher numbers - 700 rescued recently (VIDEO)

01:23 PM Mar 17, 2013 | 51

-5588- Sea lions wash up in S. California-epidemic proportion - center declares emergency - something going on oceanographically (VIDEO)

10:14 AM Apr 2, 2013 | 176

-5697- Crisis of epic proportions for California sea lions - Suffering abscesses, seizures - Exponentially higher numbers wash up (VIDEO)





07:52 PM Mar 30, 2013 | 146  
-5686- CBS Los Angeles: Dead sea lions everywhere - I've never seen anything like this... we never would have imagined the numbers - no oceanographic explanation (VIDEO)

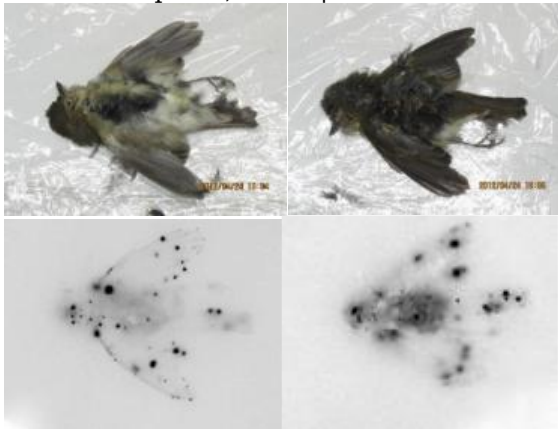
12:00 AM Jan 5, 2012 | 56



-2176- Video: Fukushima birds unable to fly

04:37 PM Apr 29, 2012 | 28  
-3198- 33% of prized bird species disappears near Fukushima - Those making it back in poor condition

03:12 PM Apr 29, 2012 | 49



04:01 PM Nov 25, 2013 | 85  
-6742- Fukushima giving top nuclear scientists nightmares - Writer from L.A.: Radioactive plume crossing Pacific is what's keeping me up at night

01:13 PM Nov 25, 2013 | 92  
-6741- Serious concerns in U.S. about Fukushima radioactive material coming to our shores - WSJ: Concern around world ocean currents spread radioactivity to faraway places (VIDEO)

09:08 AM Nov 25, 2013 | 106

10:40 AM Mar 16, 2015 | 302  
-8590- 10,000 baby sea lions dead on one California island - (VIDEOS)

photo blog of Takashi Morizumi Dr. Satoshi Mori - x-ray-like view (radioautograph) showing black dots in body of small bird from Iitate Village. Dots said to be Cs-137 from eating contaminated insects.

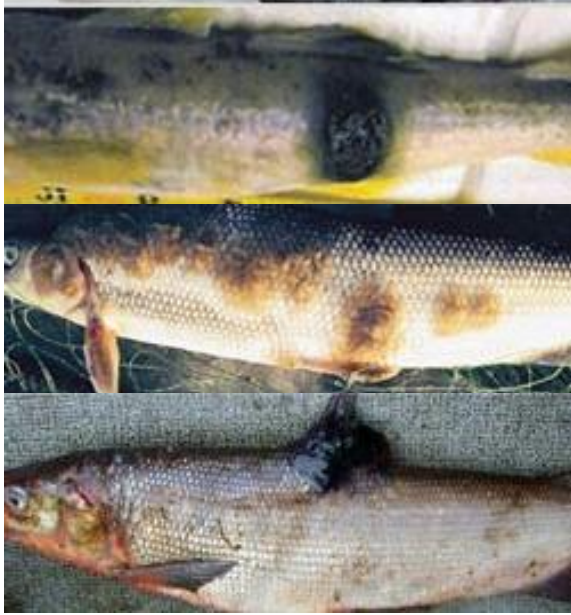
01:04 PM May 12, 2015  
-8631- Fukushima: Mutations have begun; birds blind, unable to fly 4 years after Fukushima - with mutations in contaminated areas (VIDEO)

11:44 PM May 3, 2014 | 65  
-8212- Acute hemorrhaging found in dead owls along west coast - mortality event began 8 months after Fukushima explosions - emaciated when arriving in Pacific Northwest from Arctic

01:17 PM May 3, 2014 | 143  
-8211- California: Toxic outbreak threatens marine life - birds fall from sky, sea lions convulse - heart lesions, severe shrinking in part of brain, nervous system failure (VIDEO)

### ADF&G investigates black lesions found on tomcod





-6739- NY Times: Unprecedented concentration of sea creatures near shore in California; Experts baffled, longtime residents astounded - Biologist: Very strange year - Similar to 'extraordinary' events seen recently along Canada's Pacific coast? (VIDEO)

-6739.1- also see excerpt from above story: New York Times, November 24, 2013: It began with the anchovies, miles and miles of them - in the waters of Monterey Bay. Then the sea lions came, by the thousands - the pelicans - bottlenose dolphins in groups of 100 or more have been spotted - it was the whales that astounded even longtime residents - more than 200 humpbacks - and, on a recent weekend, a pod of 19 rowdy orcas - the water in every direction roiled with mammals - For almost three months, Monterey and nearby coastal areas have played host to a mammoth convocation of sea life that scientists say is unprecedented in their memories - never that anyone remembers have there been this many or have they stayed so long - Last month, anchovies crowded into Santa Cruz harbor

-6739.2- Scientists warn of mass die-off along California coast - Seafloor littered with dead fish, washing up as far as I could see - Toxin spread all up and down West Coast (VIDEO) Jun 2, 2015

-6739.3- Something odd in Pacific; Sea creatures act strangely, species turning up where rarely seen - L.A. Lifeguard: Used to be 2 shark sightings a year, now 2 a day (VIDEOS) Nov 27, 2013

-6739.4- Toxic bloom basically eating the West Coast alive - Unusual deaths up and down the Pacific coast - All populations of marine mammals are way down in areas - Experts: Largest ever recorded (VIDEO) Aug 9, 2015

-6739.5- Whale Expert, Vancouver: In 30 years I've never ever seen this behavior, They must sense this is a safe place to be - Captain: I've never seen anything like it in 50 years on Pacific - One even placed its head on the boat (VIDEO) Nov 30, 2013

-6739.6- Surge in marine mammal strandings on West Coast - My biggest fear is if this... is everywhere along coast - Whales, dolphins, sea lions, birds recently washing up in large numbers - thousands likely dead - Violent seizures shown on news (VIDEO) Aug 30, 2014

01:17 AM Nov 25, 2013 | 60

-6738- Scientist back from Japan: Melt-through of Fukushima containment vessels being discussed - They can't locate any of the 3 molten reactor cores - It's bad, it's definitely not over

10:19 PM Nov 24, 2013 | 86

-6737- Radionuclides from Fukushima due to hit West Coast - Senior Scientist: Really bizarre U.S. gov't not testing

07:07 PM Nov 24, 2013 | 55

-6736- Physician: Problem we face at Fukushima is absolutely huge - I may leave West Coast during attempt to remove nuclear fuel (VIDEO)

02:21 PM Nov 23, 2013 | 63

-6735- Photos: Sea birds washing up dead' in Alaska

12:05 PM Nov 23, 2013 | 194

-6734- First try to remove spent fuel from Unit 4 next week? - Nuclear Engineer: Everyone's nervous pulling out used rods



that are corroding; Will zircoloy tubes break and spill fuel pellets, leading to criticality? (AUDIO)

10:35 AM Nov 23, 2013 | 146

-6733- Die-offs of mammals, birds, reptiles in Western U.S. - So many diseases afflicting such a wide variety of animals - hemorrhagic disease, sylvatic plague (VIDEO)

-6733.1- Areas by U.S. nuclear plants becoming 'seismically active'; Studies underway right now - NRC 'Official Use Only': Quakes can actually happen almost anywhere (AUDIO) Jan 3, 2014

-6733.2- People came home to find animals with eyes burned out after TMI (VIDEO & PHOTOS) Feb2, 2012

-6733.3- Gundersen: Deformities, stillbirths not being reported after Fukushima - Officials withhold truth about health effects - Gov't suppressing studies on deformed animals (AUDIO)

Oct 3, 2013

-6733.4- Mysterious disease killing seals in Atlantic Ocean - Fukushima fallout testing underway by gov't scientists (AUDIO)

Sep 1, 2012

-6733.5- Fukushima impacting Alaska; Unusual animals showing up dead... Seals w/ unknown disease... 1st ever cases of avian cholera - 'rare whale beachings' in Alaska - Japan Paper: Mysterious sea creatures found one after another (PHOTOS)

May 10, 2014

-6733.6- VIDEO: Extremely rare whale washes up in Northeast Japan - Just one sighting of species in history - Similar creature dead nearby

Apr 14, 2015

-6733.7- Mysterious deadly black fungus being found on fish in Pacific Northwest - Gov't: There was some concern Fukushima radiation could be involved - Biologists investigating how this land-based mold is now appearing in ocean - Many reports of

unusual rotting sores, growths, bumps, cancer (PHOTOS-a)

May 21, 2015

-6733.9- Alaska Native Tribal Health Consortium---02-02-15 - Whitefish that had a bulged out eyeball and some type of growth around the cheekbone. Would like to know the cause of these observed abnormalities ---12-10-14 - Whitefish has a brownish moldy growth all over body. We would like to know more about what is going on with our fish and why this is happening ---10-24-14 - Trout appeared to have sores rotting or decaying... have never seen these sores before... We are still seeing a lot of fish with these kinds of conditions - --06-12-14 - A codfish that was caught with a deep cut or sore on it was pulled in... We are not really sure what happened to this poor cod, but we think it is unusual ---05-26-14 - Whitefish that had a growth on its dorsal fin. Other fish were also caught with a similar condition... ADF&G: This whitefish has... probably a neoplasm (cancer) ---02-17-14 - Fish... found with lesions on them... Other people also said they saw these bumps... elders who said they have seen fish with skin bumps like this once before... people are still worried because they are not sure what it is this time.... these bumps... were like puss. People worried.

-6733.10- Billions of mysterious creatures dead along West Coast - Literally covering all of Oregon coast - Washing up from California to Alaska - Death totals are staggering, (VIDEO)

May 3, 2015

-6733.11- CNN: Scientists puzzled as rare 'sea monsters' wash ashore in Southern California - Expert: 2 giant oarfish and saber-toothed whale in a week... What is going on? (VIDEO)

Oct 19, 2013

07:51 AM Nov 23, 2013 | 57

-6732- Watch: Underwater close-up of fuel assembly pulled from rack at Fukushima Unit 4 - Debris seen floating inside pool (VIDEOS)

01:15 AM Nov 23, 2013 | 71

-6731- TEPCO Adviser: 925 quadrillion Bq of contaminated water from trying to cool melted Fukushima cores in first few months after 3/11 - TV: TEPCO has no idea where the fuel is (VIDEO)

05:00 PM Nov 22, 2013 | 43

-6730- Sailors in Hawaii asked to monitor Fukushima plumes - New type of debris washes up on islands - Study: Japan nuclear contamination moves same speed as current (VIDEO-[here](#))

-6730.1- Newcastle Herald, Nov. 14, 2013: A point of interest about Ivan Macfadyen's story was that, when he arrived in Hawaii, the yachtsmen were asked to help monitor plumes of radiation from Japan's stricken Fukushima nuclear reactors.

-6730.2- Surface pathway of radioactive plume of TEPCO Fukushima NPP1 released 134Cs and 137Cs, May 2013: Radioactive plume travelled 1800 km for 270 days-average zonal speed of the surface radioactive plume was calculated to be about 8 cm/s - consistent with surface current.

-6730.3- Concentrated Fukushima radioactive plume staying on narrow path toward U.S. - Moves with surface water along 40 N - Same latitude as Northern California (MAP)

### **Rare dolphin washes up with heart problems & stomach lumps**

May 17, 2013

-6730.4- Captain: Massive amount of debris off Hawaii, You had to be there... just kept going and going... odd it was in straight line - Japan Expert: It's accumulated off islands, warns of fish contamination - Rare dolphin washes up with heart problems & stomach lumps, last examined in 1980s

Nov 30, 2013

-6730.5- TV: Officials near San Francisco to monitor Fukushima plume, concerns for environment and food supply - Risks to Californians - Commissioner: Can't rely on Japan or Tepco - Waves of cesium and strontium to pollute coast? (VIDEO) Dec 6, 2013

12:29 PM Aug 19, 2013 | 74



-6208- Pacific herring in Canada bled from eyeballs, faces, fins, tails - Never seen fish look this bad - 100 examined were bloody - Officials informed after 3/11 - ignored problem (PHOTO)



09:56 AM Aug 19, 2013 | 39

-6207- Sockeye salmon at dire historic low on Canada's Pacific coast - We think something happened in the ocean - Elders never seen anything like this at all - Alaska & Russia affected (MAP)

-6207.1- *Gundersen*: We will see top of the food chain animals like tuna and salmon that bioaccumulate. FDA is not monitoring fish entering U.S. By 2013 might see contamination of water and top of food chain fishes on West Coast.

-6207.2- *Gundersen*: Federal and state agencies are not measuring this - I've been trying to get people in Oregon and Alaska to demand of their state: check salmon, it is not difficult.

### **Radionuclides for dairy cow licks**

10:32 AM Mar 7, 2014 | 227

-8072- WIPP: Salt from contaminated mine sold as feed to dairy farms? falling slabs breach waste drums? (VIDEO)

### **Hanford**

05:30 PM Jun 6, 2014 | 194

-8270- NBC - Nuclear workers suffering severe brain damage- Toxic waste raining down from sky, wore baseball caps for protection - brains being eaten away, teeth falling out - Workers raising safety issues framed using false evidence, fired - Gov't agency not allowed in to investigate (VIDEO)

-8270.1- TV: U.S. nuclear workers' brains eaten away, hallucinating, mental capacity of preschooler - wife films trembling husband on deathbed - indescribable what they've done and they don't care - they want you to die - Gov't Experts: **It's allergies from cats or feathers... or B-12 deficiency** - Doctor: Quit helping workers get help (VIDEO) Nov 21, 2014

-8270.2- TV: 11 workers at U.S. nuclear site transported to medical facilities - Nose bleeds, chest pains, cough up blood - Multiple locations - Workers: Place is falling apart - serious problems out there (VIDEO) Mar 26, 2014

-8270.3- CBS Evening News: Nuclear engineer fired - Warning about blast similar to Fukushima in U.S. - Comparison left out when aired by CBS 'This Morning' (VIDEO) Oct 21, 2013

-8270.4- Accused arsonist hired at U.S. nuclear plant - as safety specialist - 'unescorted access' at site Mar 21, 2014

-8270.5- NBC: Explosion at U.S. nuclear site - secret from public - in plant where plutonium was manufactured - hazardous buildings in America - Workers: Flames shot out - big, loud bang like a shot gun (VIDEO) May 4, 2014

### **Girls versus boys**

People within 25 miles or downwind of a reactor, like in Manhattan, are more likely to get cancer. In Japan from Fukushima fallout, women, fetuses, newborns and girls have higher cancer rates than men and boys. We argue: the directors of the nuclear energy industry are misanthropes and misogynists.

Speaking of embryos, fetuses, and unborn children and abortions in Fukushima, Chernobyl, Hanford, and Semipalatinsk, Kazakhstan affected by fallout, let me say only this: Look in the photos, inside the jars of formaldehyde pickled on the shelves do you see the fully developed baby with no face and the single eye in the middle of the oversized forehead? ...yes, the cyclops. That one. Is that clean and safe enough for you? We promise you before this book is over, we will name the perpetrators. And we will ask them the same question.

And in Fallujah Iraq, Syria and Afghanistan affected by depleted uranium weapons see the living newborns and toddlers with stretched out and squashed faces like they were made of nutty putty, is this safe and clean enough?



**Radiation effects on fetuses**  
 08:06 PM May 12, 2014 | 150  
 -8228- (Radiation effects on fetuses):  
 Nuclear radiation deforms genes - **twins**

**attached by organs growing outside body,**  
**1-eyed cyclops,** babies with giant heads -  
 respond to people (GRAPHIC PHOTOS &  
 VIDEO)

U.S. soldiers stationed in those countries suffer more casualties from suicide than combat; and thousands of casualties from depleted uranium friendly fire causing cancer and related diseases ...courtesy of the nuclear power industry. Not to mention the dark fate of the U.S. sailors upon the U.S.S. Ronald Reagan stationed as guinea pigs off the shore of the exploding and melting down Fukushima reactors.

We will come to know Marco Kaltofen, and his work on hot spots. And the work of Janet Sherman and Joseph Mangano.

### **A walk in the park in the dark**

We look at Japan's public relations solution that radionuclides don't hurt people who are happy and smile, just people with a gloomy disposition, and, at founding of 'smile parks' for children to play in, and at play areas, schools, whole villages and sidewalks in Tokyo chosen at random by fallout in Japan that in the U.S. would be *radiation control zones*. We argue: there is a misanthropic fallout cover-up of Olympian and global proportions, culminating in the 2020 Olympics being held in Japan as part of the cover-up and its consequences, as Japanese suffer and wither like human guinea pigs. We ponder any advisory role of CIA in drafting Japan's new laws defining as treason journalists 'forcing opinions onto others' that disagree with the State, and propaganda used in covering-up danger from the nuclear energy industry in Japan, the U.S., and around the world.

In the United States under the Obama Administration, radiation measurement instruments are removed by EPA in areas exceeding radiation safety levels because they are assumed to be faulty and never returned.

The global nuclear energy industry says that plutonium and fallout is good for you and builds up your resistance to disease' that Fukushima radiation is



less dangerous than radiation you get eating a banana or potato chips, or sleeping beside someone, or from a walk in the park on a sunny day. We disagree with the global nuclear energy industry, the United Nations, the United States, Japan, and the University of California. We side with the nuclear whistleblowers, who point out that industry apologists make no distinction between exposure to natural radiation and ingesting manmade radionuclides: inhaling one atom of plutonium increases your chances of getting cancer.

The reactors that blew up at Fukushima had over 30 years of nuclear waste stored on top. The reactor cores that melted down aerosolized into the jet streams and otherwise dispersed as hot particles covering the entire northern hemisphere and as molten lava burned down into water aquifers polluting the Pacific Ocean daily the last six years amounts to 600 tons of plutonium. The plutonium bomb dropped on Nagasaki had 16 pounds. I don't smile over it, not even make one joke and I'm a funny guy. Instead, I cry. My heart is broken. My cheeks and nose streak with tears. They get on my fingers and cover my keyboard. They are not hot tears. They make my face cold. Is that clean enough for you?

*Smile that.*

12:03 PM Dec 12, 2013 | 124

-6803- Evacuee: We're human guinea-pigs in an experiment... we'll never forgive gov't or TEPCO! - up to the American people to make them pay; Japan threatening people who speak out with concentration camps (AUDIO)

12:37 PM Jan 9, 2013 | 80

-5107- Many feel they're guinea pigs

01:12 PM Sep 1, 2012 | 12

-4167- It's official, people who stayed in Fukushima are guinea pigs (VIDEO)

10:58 PM Jun 13, 2012 | 8

-3578-Headline: Are we Guinea pigs?

05:05 PM Apr 24, 2012 | 111

-3158- Japan newborns guinea pigs for study of nuclear weapons and radiation - Stillborn babies secretly shipped to U.S. for research

11:59 AM Apr 18, 2012 | 25

-3104- Official: We are not guinea pigs!

07:41 PM Mar 5, 2012 | 28

-2758- Residents feel like guinea pigs for radiation research (AUDIO)

07:49 PM Dec 24, 2011 | 107

-2080- Japan's guinea pigs (AUDIO)

04:31 PM Aug 18, 2013 | 125

-6202- Chairman of Oregon Republican Party suggests dropping nuclear waste from airplanes for health benefits - wants San Onofre radionuclides from California into Oregon drinking water

Huge spike in neurological diseases after Fukushima - 600% rise ...

### **Tokyo & 2020 Olympic sites are covered with plutonium dust blown down from mountains practically, for Eternity**

Dead Olympians walking thru the looking glass: It escapes Red Bull, Sports Illustrated and ESNB that 2020 Tokyo 32nd Olympiad

athletes must compete in protective radiation suits, boots, gloves and respirator headgear to be safe from fallout.

According to nuclear scientists who measure fallout radiation there, and to citizen's groups who have taken radiation measurements at 2020 Olympic event locations: Japan, Tokyo and 2020 Olympic sites are covered and re-covered with plutonium dust blowing down from the mountains practically, for Eternity and onto the Olympian athletes and spectators as it does on the people of Japan, to enshrine them in their very own Pantheon of dead men walking.

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Gaia and Natural Order, DNA and Divine Order, are not pleased with the directors of the nuclear energy industry and demand the sacrifice of their lives.

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## **We agree with the twelve gods living on Mt. Olympus**

We argue that given their divine sanctions, the twelve gods living on Mt. Olympus, the planets, months of the year and days of the week all named after them, and Gaia and Natural Order, DNA and Divine Order, are not pleased with the directors of the nuclear energy industry and demand the sacrifice of their lives.

### **The writing is on the wall: are dreams graffiti in the Pineal gland?**

Alternative lives or none at all: '[In 2016], the nation's largest nuclear energy companies pushed through the first massive bailout in New York. State residents and businesses will pay \$7.6 billion dollars in subsidies to uneconomical nuclear reactors. [In 2017], the nuclear energy industry is pushing New York as a model for the rest of the country, costing \$160-\$280 billion dollars by 2030. We argue: if we spent that kind of money on clean energy solutions, within a generation, we could ensure healthy air and water, good jobs, and a bright, sustainable future for our children and our communities.'

We argue the Administration has to answer: Will Trump phase in alternative energy because it is 50 percent to 75 percent cheaper than nuclear energy? Especially since he wants to manufacture domestically, and reactors are manufactured only overseas ...in South Korea, India and Japan; (re-tooling here is cost-prohibitive).

# Is radical Islamic terrorism a G8 distraction from the central banks that finance and own the nuclear energy industry?

We question if Trump can make a deal with the nuclear energy industry for the benefit of America, first; and second, for the mammals and sea life of the Pacific Ocean; and third, phase out the 500 reactors currently operating; and fourth, just say no to the nuclear energy industry's request for 1,000 new reactors, and the 500 China wants to build; and to phase out all of Japan's 46 reactors and tell them the Trump Administration wants Japan to be nuclear-free by 2030 ...and the U.S., and the world, too.

Almost all Japan's reactors are aging, built on multiple earthquake faults and near active volcanoes.

Most of the existing 500 reactors are old and can shatter like glass ...if many fail, so do we and all life forms in the northern hemisphere, then the southern. And the fallen ones who are the nuclear energy industry and the central banks that provide the credit and reap the annual interest on the national debt and the politicians and fake news both being the apologists for the industry, will have won.

That is why we agree with the twelve gods living on Mt. Olympus.

Just for starters.

And: Is radical Islamic terrorism a G8 distraction from the central banks that finance and own the nuclear energy industry?

## 13. Attention animal lovers

### Introduction, Part 2

Mammals (including human) are targeted, distorted and destroyed by fallout in small exposure amounts, as well as large. As are all Life forms, including animals, invertebrates, fish, reptiles, plants, trees...even bacteria and viruses. All that God has given the breath of life, are tortured and destroyed by the nuclear power industry.

*Isn't it about time for some revenge?*

10:59 AM Aug 13, 2012 | 11

-4005- 95% of worms die, survivors 10x average size when raised on Tokyo soil with Fukushima radioactive material

(radioautograph) spread of radioactivity - equivalent of miscarriage, stillbirth, malformation (PHOTO)

10:33 PM May 28, 2012 | 18

-3447- Tokyo Professor: I couldn't help feeling pity for the tree - X-ray-like image

03:24 PM Apr 21, 2012 | 12

-3131- Trees died and others grew in abnormal shapes says ecologist visiting Japan from Chernobyl

07:09 PM Dec 23, 2015 | 768

-8752- Fukushima: Fir tree mutations; insects missing legs or crooked; abnormalities in monkeys, fish and frogs

03:44 PM Aug 31, 2015 | 585

-8704- Radiation fears growing as government finds strangely deformed trees around Fukushima - Nearly 100% have morphological defects - Trees did not have a top bud, without which its growth cannot continue - Effects worsening over time - Researchers prevented from doing studies... so little data (PHOTOS<sup>a</sup> & VIDEO)

-8298.3- Fairewinds Video: 'Anomalies' in plants and animals documented by Fukushima residents, some severely deformed - Scientists: Genetic mutations observed in Fukushima include trees with peculiar distortions, insect abnormalities, tumors in birds, more (PHOTO) Apr 13, 2014

06:37 PM Mar 26, 2013 | 31

-5660- Photo: Dead radioactive trees not decomposing

<sup>a</sup> 02:04 AM Oct 17, 2012 | 17

-4538- Radioactive Fukushima trees on x-ray type film (PHOTOS & VIDEO)

11:42 AM Jul 20, 2012 | 21

-3844- Like setting off nuclear bomb in Eastern Europe? Fire fears for dying radioactive tree plantations by Chernobyl

01:10 PM Jun 15, 2012 | 7

-3590- Deformity in cedar trees from Fukushima radiation? - abnormalities, malformed branches (PHOTOS)

02:26 AM Mar 13, 2012 | 7

-2826- Cesium killed pine trees as far as you can see - Are there animals that can live here? No, no (VIDEO)

10:44 AM Jan 2, 2012 | 72

-2151- Tree leaves gigantic after Chernobyl (VIDEO)

<sup>a</sup> 01:20 PM Nov 17, 2011 | 19

-1818- Evergreen leaves with cesium up to 220,000 becquerels per kg - 10 times more

than deciduous trees... Be careful during holidays

12:19 PM Oct 27, 2011 | 24

-1624- 120 microsieverts per hour at major Japanese train station - The color of the trees were changed (VIDEO)

09:38 AM Oct 5, 2011 | 39

-1472- Tweets from Fukushima worker: Trees dying around nuke plant... Pine doesn't wither in Autumn! - Similar reports in Tokyo area (PHOTOS)

09:11 AM Jun 30, 2011 | 13

-906- **Trees, soil in Los Alamos area have 'legacy contamination' from nuclear tests in 1940's - If they get heated and radiation goes air borne, we're concerned** (VIDEO)

09:05 AM Oct 15, 2012 | 27

-4523- Fukushima Woman: Children are already starting to have health problems - we hardly saw mosquitos, moths, beetles this summer- (VIDEO)

-8752- Fukushima: Fir tree mutations; insects missing legs or crooked; abnormalities in monkeys, fish frogs

8298.5- Japan TV broadcast: Mutations in animals and plants after Fukushima - Scientist: Very few insects, only 2 birds (PHOTOS, VIDEO) 12/4/12

-8298.8- Japan Times column: Nuclear mutations: Professor seeing 'increase in negative effects' from Fukushima since last year - Report of insect with leg growing from head (PHOTO) Dec 9, 2012



### **Insect abnormalities**

11:23 AM Apr 7, 2014 | 166

-8150- Deformities high in Fukushima insects - Lower body split in half, two tail-



like appendages - 1,000% higher death rate in young - PHOTOS

11:37 AM Dec 9, 2012 | 60 -

-4934- Fukushima insect: leg grows from head (PHOTO)

03:48 PM Nov 21, 2012 | 20

-4819- Are radioactive insects spreading Fukushima contamination from lake bottoms across land? Scientist: Grow underwater, fly out & die everywhere

12:10 AM Aug 20, 2012 | 33

-4062- Gundersen: Rapid insect mutations seen after Fukushima are frightening (VIDEO)

03:46 PM Aug 13, 2012 | 26

-4009- Mutated Butterflies: Study is overwhelming in its implications for humans - Insects were believed to be very resistant to radiation - Irregularly developed eyes, malformed antennae, much smaller wings (PHOTO)

## Review of the literature

Exhibit No. 8

12:38 PM May 5, 2016

-8812- 60,000,000 killed by nuclear fallout - 120,000,000 cancers from radioactive releases - doesn't include (millions more

03:12 PM Apr 29, 2012 | 49

-3197- X-ray-like image shows how radioactivity spread throughout bodies of Fukushima wildlife (PHOTOS)- Photo blog of Takashi Morizumi Dr. Satoshi Mori - x-ray-like view (radioautograph) showing black dots in body of small bird from Iitate Village. Dots said to be Cs-137 from eating contaminated insects.

08:54 PM Feb 2, 2012 | 33

-2465- Fukushima worse than Chernobyl on bird population - Dramatically elevated DNA mutation rates and extinctions - Insect life significantly reduced - immediate consequence of radiation

10:55 AM Mar 17, 2012 | 30

-2867- Low-level contamination more dangerous than single dose - Grasshoppers: deformed wings, gray eyes not red - Birds: abnormal sperm, large tumors (VIDEO)

08:47 AM Nov 8, 2011 | 40

-3033- Spiders bio-concentrated radioactive silver at 1,000x level in soil;

dead babies and fetuses, war crime far greater than any in recorded human history - (VIDEO)

With recent epidemiological studies suggesting the cancer rate is now 1-in-2, and epidemiological studies citing those living within 25 miles of a reactor or downwind have higher cancer rates, that in utero life, women and girls are more vulnerable to nuclear fallout than men or boys, that there are 60,000,000 excess deaths as a result of ongoing fallout from previous atmospheric nuclear tests, and 100,000,000 cases of cancer, and the death toll from Fukushima fallout in the U.S. is 20,000-to-50,000 excess deaths ... isn't it about time we stop nuclear reactors and put their perpetrators in prison?

Instead, the previous and current regimes are considering building 1,000-to-2,500 additional nuclear reactors ... that is the final solution for Life on this planet, and Life as it was ordained by our Creator, to exist.

This book is a summary of evidence, a book of exhibits in order to publicly try and convict and imprison the perpetrators and their apologists. *We gather here today not to praise the nuclear power industry, but to bury them alive in their own nuclear waste.*

For you to see how the exhibits in this book work, let's take a look at a quick summary of the documentation in Exhibit 9:

The links to the news articles in Exhibit 9 documents how many people in the U.S. died so far from Fukushima fallout in the United States. Then, documents increased infant mortality in Seattle as a result of Fukushima fallout in the United States. Exhibit 9 documents radionuclide 'hot particles', otherwise known as 'fallout'...from Fukushima, deposited in the U.S. and then Arnie Gundersen explains the effect of hot particles on mammals (including human) even when the hot particles are not detected in us. I remember here in Oregon several years ago experiencing a unique 'metallic taste', in my mouth and a strange almost 'electric' feeling in the air ...Arnie documents that is a telltale sign of nuclear fallout, then reassures the Japanese who experienced that in Japan are not imaging it, (as the Japanese authorities, intelligence services, and nuclear industry maintain). In additional documentation, Arnie mentions Marco Kaltofen measuring the amount of hot particles fallen in Seattle, and how the measurements were done – and that will inevitably create lung cancer in Seattle residents, and in Portland, and the Pacific Northwest including all along the Pacific Cascades, and into Vancouver British Columbia ; and how (either in this or a following article) that could have been prevented had the Obama Administration and Canadian politicians not covered it up and people (like you and me) instead had been warned and put on 50-cent filtering masks to avoid ingesting the particles, and taking 50-cent iodine pills to avoid getting thyroid disease and thyroid cancer. The, the documentation draws parallels to increased U.S. infant mortality as a result of Chernobyl fallout, here ...and mortality of birds. This exhibit includes Arnie's concluding statement that 'dilution of fallout and waste' is not the solution, and another concluding statement, by Helen Caldicott, which will drive the weak of heart to drink or even suicide, that the ongoing pollution of the Pacific Ocean by Fukushima fallout will continue, practically, to the end of Time, extinguishing oceanic food chains, then land-based, until we are all, *kaput*.

[Editor's note: Now you see how exhibits work, and what documentation they contain, establishes. You might not win a bar room argument with democrats, republicans or independents ...but, you will eventually meet other aware people whose minds function and are not brainwashed by the *State* (not to mention the nuclear industrialists who control it and central bankers who own and fund it).]

## Review of the literature

Exhibit No. 9

06:41 PM Jan 19, 2012 | 101  
-2317- 20,000 excess U.S. deaths after Fukushima? ... age groups, cities.

09:33 AM Jun 19, 2011 | 37  
-779- Seattle: Northwest sees 35% infant mortality spike post-Fukushima

05:07 AM Jun 13, 2011 | 104

**Hot particles from Japan to Seattle virtually undetectable when inhaled or swallowed, Fairewinds.org**

-718- Metallic taste in mouth in Japan and U.S. west coast (Seattle) - sign of radiation exposure (VIDEO)

Gundersen explains how hot particles may react in mammals while escaping traditional detection.

<https://www.youtube.com/watch?v=oBEipg81uLw>

<http://www.fairewinds.org/nuclear-energy-education/new-video-of-scientist-kaltopen-presenting-to-american-public-health-association> “And in Seattle we actually had a two week period where we actually had 4-5 hot particles of radioactive material that was trapped by our quantitative filters in the amount of air that people would breathe in a day.”

04:59 PM Jun 15, 2011 | 31

-742- Spike in U.S. infant mortality 4 mths after Chernobyl - current infant deaths result of Fukushima fallout? (VIDEO) <http://enenews.com/huge-spike-in-us-infant-mortality-in-the-four-months-after-chernobyl-video>

04:07 PM Jan 29, 2012 | 29

-2410- TMI: Cancer death increase - Infant mortality doubles - birds disappear - mutations (VIDEO)

### **Reactors will pour water into Pacific for the rest of time**

10:15 AM Feb 21, 2017

-8847- Scientists fear Fukushima radiation hitting U.S. to worsen - A lot of people are very concerned - Billions being exposed - Reactors will continue to pour water into Pacific for the rest of time. (VIDEO)

Arnie Gunderson, former nuclear engineer, Feb 2, 2017: Gunderson: “When I went to school, the saying was ‘dilution is the solution to pollution’, and that’s what the Japanese believe.

If they dump radioactive water from Fukushima Daiichi on their side and it floats over to the West Coast of the U.S. - the Pacific’s a big place - it’ll dilute out. I don’t think that’s appropriate ...people are going to die.

Regardless of how low the radiation is, it does cause cellular damage and cancer.

If you spread it out in a big body of water, the concentration goes down, but on the other hand, you’ve got a couple billion people exposed to it because they’re on the edge of that big body of water. So, the concentration is down but the population is up and you’re still going to get cancer, and die; it’s inevitable.”

Caldicott: Reactors will continue to pour water into Pacific for the rest of time (VIDEO)

Dr. Helen Caldicott, Feb 13, 2017: As the water flows beneath the damaged reactors, it immerses the three molten cores and becomes extremely radioactive as it continues its journey into the adjacent Pacific Ocean.

Every day since the accident began, 300 to 400 tons of water has poured into the Pacific where numerous isotopes including cesium 137, 134, strontium 90, tritium, plutonium, americium and up to 100 more, enter the ocean and bio-concentrate by orders of magnitude at each step of the food chain... tuna, salmon and other species found on the American west coast now contain some of these radioactive elements... [Fukushima Daiichi] will continue to pour water into the Pacific for the rest of time

# 14.

## **Do Children suffer from nuclear power?**

**Quick Summary: Exhibit 10.** Under Japan’s new secrecy law, reporters are not allowed to change the opinion of the public mind when doing so contradicts the State position; that is *treason*. [Editor’s note: The Japanese nuclear energy industry and global nuclear energy industry are interwoven; consequently, the State (as ‘owned’ and directed by the nuclear

industry and central banks), being inherently and covertly fascist, are now externally and overtly, so ...and, trending in the 21<sup>st</sup> Century.]

### Review of the literature

Exhibit No. 10

07:03 AM Apr 25, 2014 | 138

-8196- Untold story of Fukushima is the radiation issue, Government doesn't want us talking about it; A lot going on that's never reported by media - Afraid of being imprisoned under Japan new law; All officials do is say info is secret

10:11 AM Dec 4, 2013 | 110

-6774- Protesting secrecy law is act of terrorism - Japan government promotes idea you're like a racist if avoiding Fukushima produce - Bloomberg: Process echoes George Orwell - Nuclear activists to be constantly spied on?

06:24 PM Nov 26, 2013 | 207

-6746- Japan's secrecy law passes lower house - Prison for 'inappropriate reporting' - on path to fascist state - fear Fukushima cover-ups to worsen

Exhibit No. 11

11:15 PM Jan 15, 2012 | 12

-2272- USA: Thyroid cancer rise - in one office from four a year to four a month, sometimes three a week; the fastest growing cancer rate <sup>4</sup>

Exhibit No. 12

05:44 AM Feb 3, 2012 | 49

-2469- 70,000 reports of suspected health damage every year among German nuclear workers exposed to less than 20 milliSv

**Quick Summary: Exhibit No. 13.** There is ongoing worry that Tokyo and Japan itself may become uninhabitable. Should there be another large earthquake, Unit 2 could collapse.

### Review of the literature

Exhibit No. 13

03:27 PM Feb 27, 2012 | 29

-2708- Top Japan official warned of chain reaction after Daiichi meltdowns - We would lose Fukushima *Daini*, then we would lose Tokai - We would lose Tokyo itself.

01:44 PM Mar 10, 2017 | 166

-8855- Expert warns of collapse at Fukushima reactor: It would be the end of Japan... New photos show serious structural damage at Unit 2... It's a fantasy that they can decommission plant - AP: Melted fuel has broken pieces of structure in containment vessel (VIDEO)

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I spoke to Arnie Gundersen, who's a nuclear engineer. If there's a big earthquake, Fukushima Dai-ichi Unit 2 could collapse onto the molten core, with the spent fuel rods in the spent fuel pool ...they would go down as well; it would be the end of Japan. - *Helen Caldicott*

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## How they sacrifice women and children for economic issues



**Quick Summary: Exhibit No. 14.** Greenpeace documents there is a State-sponsored myth that Fukushima is being cleaned up; also, a myth that the situation is returning to normal; also, a myth that it is safe for people to return to their homes.

### Review of the literature

Exhibit No. 14

06:19 PM Dec 9, 2012 | 41 -  
-4937- Bags of radioactive waste sit on Fukushima coastline - isn't there going to be another tsunami? ...says worker  
<https://cleantechnica.com/2016/03/08/greenpeace-stanford-publish-fukushima-impacts-lessons/>  
"Government massive decontamination program will have almost no impact on reducing the ecological threat from the enormous amount of radiation from the Fukushima nuclear disaster," said Kendra Ulrich, Senior Nuclear Campaigner at Greenpeace Japan. "Already, over 9 million cubic meters of nuclear waste are scattered over at least 113,000 locations across Fukushima prefecture. The Abe government is perpetuating a myth that five years after the start of the nuclear accident the situation is returning to normal. The evidence exposes this as political rhetoric, not scientific fact. Unfortunately for the victims, this means they are being told it is safe to return to environments where radiation levels are still too high and are surrounded by heavy contamination."

Exhibit No. 15

01:05 AM Jan 26, 2012 | 3  
-2385- Fukushima mothers and advocates in tents by METI building in Tokyo - face eviction by order of minister

Exhibit No. 16

10:00 PM Jan 25, 2012 | 52  
-2383- Tokyo official blasts parents who want kids to avoid ingesting radioactivity at school: 'Must share the pain.'

Exhibit No. 17

05:56 PM Nov 5, 2013 | 32  
-6652- Reporter in Japan: I'm stunned by cover-up and lies over effects of Fukushima radiation - Physician: Response is 'unthinkable' (VIDEO)

04:01 PM Nov 5, 2013 | 45  
-6651- U.N. cover-up of Fukushima exposed on TV - Medical Doctor: Many more cancer cases than we expected from Fukushima, UNSCEAR report falsified estimations (VIDEO)

11:21 PM Nov 4, 2013 | 61  
-6650- Cancer cases in Fukushima emerge faster than expected - Japanese Surgeon: I'm angry, officials won't release basic data (AUDIO)

07:16 AM Apr 21, 2014 | 97  
-8184- Fukushima radiation killing children - heart problems, leukemia, thyroid - terrible things are going on - authorities hiding truth from world - we need to admit many people are dying, but not allowed to (VIDEO). Terrible things going on in Fukushima. No one to help us. I talked to local authorities in Fukushima, no one will listen to me; they believe the government [there is no danger]. Radiation is here - it is killing children.



Ex-city mayor, Fukushima rgn: Authorities hiding truth - radiation killing and crippling our children  
(above) Fukushima radiation killing our children - heart problems, leukemia, thyroid  
They are dying of heart conditions, asthma, leukemia, thyroid complications. Lots of kids are extremely exhausted after school, others are simply unable to attend PE classes. Authorities hide the truth from

us, I don't know why. Don't they have children of their own? It hurts so much to know they won't protect our children. This UN report is false. Report made by a representative of Japan, Professor Hayano. Representing Japan, he lies to the whole

world from the UN podium. It's a shame. We need to admit many people are dying; we are not allowed to say that.

<http://rt.com/shows/sophieco/fukushima-disaster-radiation-children-740/>

# 15. Tritium

**Quick Summary, Exhibit 18.** Tokyo dumps 300 tons of radioactive water into the Pacific Ocean, every day. Nuclear waste from Fukushima mixes with waste from U.S. reactors that is dumped into the ocean, then washes up on the West Coast.

(Diablo Canyon dumps more tritiated water into the Pacific than Fukushima Dai-ichi does ...not over the year, but in a several day period. Sources allege that Diablo Canyon lies in its reports to the NRC and says it's dumped over the whole year.)

Tritium rain routinely falls around all operating nuclear reactors, on an ongoing, business-as-usual basis.

There are tritium leaks in 75% of U.S. nuclear energy facilities.

The amount of Cesium in the ocean around Fukushima is 8x higher, two years after the initial event.

## Review of the literature

Exhibit No. 18

01:01 PM Feb 4, 2014 | 146

-7052- Kyodo: Dumping Fukushima radioactive water is Governments only solution - Risk of damaging effects from toxic discharges - Even if fully implemented, around 300 tons of contaminated groundwater will still flow into Pacific every day (VIDEO)

10:00 AM Feb 4, 2014 | 121

-7051- Report: Fukushima nuclear waste will merge with radiation from U.S. reactors when washing up on West Coast - startling amounts released from operating plants - Diablo Canyon officials admit to recently discharging more tritium than Fukushima (VIDEO)

-7049- Dr. Donald Moiser, professor at The Scripps Research Institute (Department of Immunology) and member of Del Mar city

council in California, Oct. 19, 2013 (*at 27:15 in*): The problem with the data is tritium releases are episodic, so they'll have a release of tritium one day a month when they report that to the NRC they'll say this is the amount of tritium we released over the year. You have 5 days of release but you divide that by 365 days it doesn't look like so much tritium, but if you're sitting right next to the plant on the day of release, it's quite a bit. There's some data from Europe that says the spikes are dangerous. There's no data in the U.S. to interpret.

-7050- Bloomberg News, Feb. 3, 2014: Fukushima-U.S. radiation runoff will merge on West Coast - The runoff from the Japanese plant will mingle with radiation released by other atomic stations such as Diablo Canyon in California. Under normal operations, Diablo Canyon discharges more

radiation into the sea, albeit of a less dangerous isotope, than the Fukushima station - startling amounts are released into the environment by the 435 nuclear power plants worldwide - Diablo Canyon plant in San Luis Obispo discharged 323 million liters of water into the Pacific in 2012, or about 870 tons a day, according to data from its operator, PG&E - that water contained 3,670 curies of tritium, or 136 trillion becquerels, according to the company, almost three-and-a-half times the amount released from the Fukushima plant into the ocean in the period starting May 2011. The plant also discharged cesium-137 and strontium-90 though at lower levels than Fukushima.

01:54 PM Dec 17, 2013 | 96  
-6821- 'Tritium rain' to result from disposal of Fukushima contaminated water? Expert: radioactive rainfall occurs around nuclear plants during normal operations (VIDEO)

11:28 AM Aug 16, 2013 | 13  
-6193- Highest contamination levels yet in seawater off Fukushima site - 3,800 Bq/liter of tritium

10:34 AM Aug 16, 2013 | 20  
-6192- Radioactive cesium in Fukushima water 8x higher than when disaster began

06:09 PM Aug 15, 2013 | 31  
-6190- They covertly let water from Fukushima reactors flow into Pacific Ocean - unclear what happened to melted cores - world's worst atomic catastrophe very far from over

11:03 AM Aug 2, 2013 | 13  
-6099- 'Huge amount' of radioactive tritium may have entered ocean from Fukushima plant - 40,000,000,000,000 Bq claims TEPCO - (after May 2011)

12:30 PM Jun 25, 2013 | 27  
-5987- Record level of radioactive tritium found in ocean near Fukushima plant -

Exhibit No. 19

01:54 PM Dec 17, 2013 | 96  
-6821- 'Tritium rain' to result from disposal of Fukushima contaminated water? Expert:

Japan: Nuclear material may be seeping into harbor

10:25 AM Jun 25, 2013 | 16  
-5986- Radioactive material soars in ocean by Fukushima plant - TEPCO: Contaminated groundwater leaking into Pacific?

04:05 PM Aug 5, 2012 | 20  
-3949- Canadian Nuclear Expert: Reactor releases 200 trillion becquerels of tritium/year - becomes a part of your body and all living things - gives off beta particles which produce damage that can result in cancer (AUDIO)

03:59 PM Dec 26, 2011  
-2090- Tritium detected in Connecticut River - 1,230 picocuries per liter

12:25 PM Oct 2, 2011 | 35  
-1453- Radioactive leak of unknown size at Georgia nuke plant - Raised water table in wells about five feet - Tritium over 200 times EPA limit

04:24 PM Jun 28, 2011 | 23  
-885- Radioactive tritium stored close to Los Alamos fire, 1/2 mi (VIDEO)

12:37 PM Jun 28, 2011 | 106  
-883- Japan 'discovers' tons of radioactive water leaking into ground at Fukushima

01:14 PM Jun 20, 2011 | 26  
-793- Tritium leaks in 75% of U.S. nuke plants - wells contaminated in Illinois & Minnesota

10:15 AM Feb 21, 2017  
-8847- Scientists fear Fukushima radiation hitting U.S. to worsen - A lot of people are very concerned - Billions being exposed - Reactors will continue to pour water into Pacific for the rest of time. (VIDEO).

radioactive rainfall occurs around nuclear plants during normal operations (VIDEO)

When a nuclear power plant operates, it creates tritiated water.

All reactors release tritium on an ongoing basis.

Tritiated air can penetrate your skin then bond with moisture.

Or, the tritiated air picks up moisture and rains down as fallout ...there is tritiated rain fallout near atomic reactors across the U.S. and all over the world.

*The public doesn't even suspect.*

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Tritiated water crosses the placental barrier. It hits all the organs and lodges particles in your organs

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Tritiated water crosses the placental barrier, it stays in the body when organically bound.

Tritiated water crosses the placental barrier and hits all the organs and lodges particles in your organs. Although the industry says tritiated water stays in your body for 50 days; reliable sources proved it stays in your body for several years.

## 16. Yes, we have no Obama ...Hillary or Trump reactor presence of mind

### What is the sound of no hands clapping?

**Editor's note:** Both Obama Administrations and the Hillary Clinton State Department official position was that no airborne or seaborne Fukushima fallout ever reached the United States in any significant amount to be dangerous, and that the nuclear energy industry is safe and clean. Is the Trump Administration and Tillerson State Department any different? It's still plain old Kissinger/Globalist G-8 nuclear hardball.

President Obama went to Hiroshima in his historic visit. He did not mention radiation in Hiroshima; he didn't mention the Fukushima meltdowns. He was in denial.

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[The Obama Administration,] the Nuclear Regulatory Commission and Department of Energy ...the U.S. agencies are complicit in their cover-up in Japan ... *is Trump?*

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Japan, the U.S. Government and the G8 won't retard their commercial interests in nuclear energy, because they are retarded.

## **Westinghouse (Toshiba) building new nuclear plants in China**

Westinghouse is building all the new nuclear plants in China; they're touting and marketing their nuclear products all over the world. And, Japan is too. Westinghouse is owned by Toshiba and they're in Japan and General Electric is owned by Hitachi.

## **Westinghouse is owned by Toshiba in Japan General Electric is owned by Hitachi in Japan**

In the midst of nuclear slaughter in Japan and the Pacific Ocean, Japan keeps selling nuclear plants and services globally ...just like the United States.

# **17. Welcome to my world**

June 14, 2016 <sup>a</sup> - Just before the 5th anniversary of the triple meltdown at Fukushima Daiichi, a group of young girls in the city of Minami-Soma rode their bikes to school past a shocked and saddened pedestrian. That upset observer was Arnie Gundersen, a nuclear reactor scientist.

"What surprised me this visit to Japan is the decontaminated area is contaminated again," Mr. Gundersen said. "This was not what I expected. I thought we would not find such high doses of radiation in the decontaminated area. Sadly, our results prove otherwise."

Gundersen collected samples of dust (official data cannot be released before publication of a scientific paper.) It is evident high doses of radiation, usually found in nuclear waste was detected.

This means highly radioactive dust is flying around the city.

The decontaminated land is contaminated again.

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**"Little girls affected by radiation 20x more than adult men,"  
he said.**

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<sup>a</sup> *Gendai Business Online* ([article in Japanese](#)) [Editor's note: the following has been shortened and the translation from Japanese into English clarified by the editor.]

“Little girls are affected by the radiation 20x as much as adult men,” he said.

The Japanese government’s standard of 20 mSv is based on exposure assessments for adult men. The girls on their bicycles are actually getting radiation dose equivalent to as much as 400 mSv.

Gundersen pointed out human lungs are heavily affected by internal exposure to radiation. Adding, “At this visit, I wore a radiation proof mask that can filter out 99.98% of radiation for six hours. I sent my filter to the lab; they found a high dose of Cesium.”

The Japanese government only cares about external Geiger counter readings; it does not consider internal exposure. But, our lungs are severely affected by internal exposure.

“The radiation from the mountains is coming back to the city by way of wind and rain,” he said. “The mountains are very radioactively contaminated.”

Vegetables grown in that area exceed the government’s standard by 1500 Bq. These vegetables are sold at the Michino Eki in Tochigi prefecture, and the bamboo shoots grown in this contaminated region are used for elementary school lunches in Utsunomiya. These school lunches contain more than twice as much radiation as the government standard. But, the government continues to push for ending people’s relocation, and force them to return to the re-contaminated areas.

Gundersen found Tokyo remains contaminated. He measured dust there and found high radiation. That dust is in the air and will be inhaled by visitors and athletes of the 2020 Olympic Games.

Current residents inhale it every day.

10:15 AM Feb 21, 2017

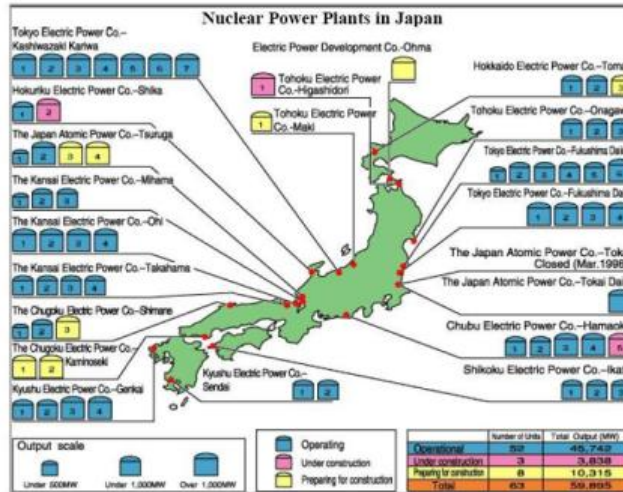
-8847- Scientists fear Fukushima radiation hitting U.S. to worsen - A lot of people are very concerned - Billions being exposed - Reactors will continue to pour water into Pacific for the rest of time. (VIDEO)

05:45 PM Jun 30, 2011 | 129

-917- Leaked emails: British gov’t & nuke owners in collusion - PR campaign hides Fukushima toll on life force

British government (G-8) plan to play down Fukushima - work behind scenes with multinational companies: EDF Energy, Areva, Westinghouse- hide truth to prevent incident undermining public support for nuclear power

# 18. Monju (Godzilla)



Monju is a breeder reactor ...it ran for a couple months in the 90's. The Japanese gave up ...but the Japanese myth persists that if they can have a successfully running breeder reactor, then, they can recycle all the uranium and won't need to have a nuclear dump for spent fuel.

All of Japan's 64 reactors sit on or near active earthquake faults, in or by tsunami zones, and often beside active volcanoes. It is not a question of 'if', there will be more accidents like Fukushima Dai-Ichi ...but, 'when?'

<http://www.nucleartourist.com/world/japan.jpg>

64 nuclear reactors in Japan; Monju site (not shown) sits on 7 earthquake faults, is sodium-cooled, uses plutonium fuel, designed to produce fuel for Japan's 63 nuclear plants, and as a commercialization prototype.

Reuters-1, Reuters-2

<http://www.nucleartourist.com/world/japan.jpg> 64 nuclear reactors in Japan; Monju site (not shown) sits on 7 earthquake faults, is sodium-cooled, uses plutonium fuel, designed to produce fuel for Japan's 63 nuclear plants, and as commercialization prototype.

03:03 AM Mar 12, 2011 | 6

- 1- Explosion heard at Japan nuclear plant
- possibility of melt-down for reactor No. 1

# 19.

## Is Trump reactor-friendly, or not?

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Climate-aware nuclear fans like Dr. James Hanson promise next generation nuclear reactors will be safe and power all of the world's needs. Everybody can claim next generation nuclear is going to be better than the last 70 years, before. There's always another gimmick in the nuclear industry. – Arnie Gundersen

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Gundersen: *Oh, the next one's going to be cheaper and on paper, I can prove it.* When it gets out in the field, it's not cheaper.

Dr. Hanson was the first person to tell Congress the world is increasing in temperature because of carbon dioxide. Now, he's got a chair at a university funded by a prominent nuclear sponsor. Hanson proposes the solution is nuclear power.

On the other hand, watch, *Smokescreen*<sup>a b</sup> (a two-minute animation).

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**“But, building 1,000 new nukes? ... Hanson wants to build 2,500. A thousand new nukes, is a nuke every twelve days for the next thirty-five years. And, 2,500 is a nuke every three or four days for the next thirty-five years.” --Arnie Gundersen**

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A thousand new nukes is \$8 trillion.

Hanson's number would be 2-1/2x that, or \$20 trillion.

Hanson doesn't look at better uses of the money.

Nuclear is not the solution; it's the problem.

# 20. Newswire: Diary of a murder

**An unspoken argument to 'remove' some officials**

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**UN committee chairman studying impact of Fukushima radiation: 'We wouldn't expect to see health effects in children, workers, or anyone else.'**

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**Chronology / Radiation Sickness News**

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<sup>a</sup> <http://www.fairewinds.org/demystify//demystifying-nuclear-power-nuclear-powers-carbon-dioxide-co2-smoke-screen>

<sup>b</sup> <http://www.fairewinds.org/demystify//demystifying-nuclear-power>



### **Round-up: Children, Parents and Teachers**

*March 2011*, Tokyo drinking water unsafe for infants, Government distributes bottled water. No safe threshold for radiation; cancer risk increases with every level of radiation exposure; apologists disagree.

11:26 AM Mar 23, 2011 |

-112- Tokyo drinking water unsafe for infants: Gov't distributes bottled water

05:28 AM Mar 31, 2011 | 6

-181- Cancer risk increases with any level of radiation exposure - Self-interested parties say OK

*April 2011*, A children's doctor near Tokyo sees increased nosebleeds in kids, stubborn cases of diarrhea, and flu-like symptoms and diagnoses the symptoms as radiation sickness. A study establishes a child's risk of cancer from radiation is 10-100x higher than an adult with the same exposure. No Mother should have to wonder if the milk she feeds her child might be harmful; furious at government for misleading info that downplays ingesting milk with iodine-131.

04:18 PM Aug 18, 2011 | 51

-1173- Doctor near Tokyo attributes symptoms to radiation exposure: We have begun to see increased nosebleeds, stubborn cases of diarrhea, and flu-like symptoms in children

01:47 PM Apr 5, 2011 | 12

-223- Enraged nuclear expert: I'm personally furious at the government for this misleading information that downplays ingesting milk with iodine-131 - No mother should ever have to wonder if the milk she feeds her child might be harmful

09:30 AM Apr 29, 2011 | 43

-408- Child's risk of cancer from radiation 10-100 times higher than an adult who had same exposure (VIDEO)

### **Half of Japanese women tested show radioactive iodine-131 in breast milk**

Half of Japanese women tested show radioactive iodine-131 in their breast milk. The highest contamination found 150 miles from Fukushima

A UN committee chairman studying the impact of Fukushima radiation, says, 'We wouldn't expect to see health effects in children, workers, or anyone else.'

*June 2011*, the Japanese Government says, in Fukushima the best way to protect kids from fallout at school is for kids to wear long-sleeved shirts.

Young parents 50 km from Fukushima Dai-ichi start evacuating from the towns they live in ...but, local officials are forbidden to encourage evacuations until National and Prefectural governments say it's okay to leave.

03:12 PM Apr 21, 2011 | 6

-360- Half of Japanese women tested show radioactive iodine-131 in breast milk - Highest contamination found 150 miles from Fukushima

health effects in children, workers, or anyone else

05:05 AM Jun 1, 2011 | 127

-630- Fukushima: Gov't answer to protect kids from fallout at school - wear long-sleeved shirts

04:26 PM May 23, 2011 | 68

-571- UN committee chairman: Fukushima radiation impact - We wouldn't expect to see

07:06 AM May 2, 2011 | 13

-419- Medical experts: Japan's safety standards on radiation levels for children are unconscionable

### **Terrified to think about effects of radiation on in utero children and babies born in Autumn**

An editorial says it's hard to imagine anything more frightening than 5-year-olds marching off to irradiated school playgrounds with Geiger counters strapped to their chests. Locals are terrified to think about effects of radiation on in utero children and babies born in Autumn. In the U.S. four months after Chernobyl, there was a huge spike in U.S. infant mortality rates; similarly, excess U.S. baby deaths following the Fukushima fallout is 20,000. In the Pacific Northwest, there was a 35% infant mortality spike post-Fukushima.

Fifty miles away from Fukushima Dai-ichi, children are suffering nosebleeds, diarrhea and lack of energy. A measurement of 6.46 microsieverts/hr is detected in the outskirts of Tokyo, a few meters away from children on a playground.

06:10 AM Jun 11, 2011 | 14

-701- Hard to imagine something more frightening than 5-year-olds marching to irradiated school playgrounds with radiation meters strapped to them - 8,000 schoolchildren 60km from Fukushima nuclear plant, to be given dosimeters

10:29 PM Jun 11, 2011 | 37

-710- No one wants to think about effects of radiation on babies born this autumn

09:33 AM Jun 19, 2011 | 37

-779- Seattle: Northwest sees 35% infant mortality spike post-Fukushima

11:04 AM Jun 17, 2011 | 42

-760- Health problems: Kids 50 km from Fukushima nuclear site - nosebleed, diarrhea, no energy

09:03 AM Jun 21, 2011 | 76

-800- 6.46 microsieverts/hr in outskirts of Tokyo by children on playground (VIDEO)

### **Children have radioactive urine**

A city near Tokyo sets a maximum radiation dose for children, averaging out to 31 microsieverts/hr. Then, 200 km southeast of Fukushima, sections of a school playground are declared off-limits after 25 microsieverts/hr are detected; children and staff are told to wear hats and gargle regularly. Ten children tested in a large city 60 km from the Fukushima meltdowns all have radioactive urine; *apologists* conclude there is a *high possibility* the kids in and near the city have internal radiation.

05:00 AM Jun 21, 2011 | 22

-797- City near Tokyo sets maximum radiation dose for kids - averages to .31 microsieverts/hr

Fukushima - kids, staff don hats - gargle

09:47 AM Jun 30, 2011 | 25

-907- 10 kids tested in city 60 km from Fukushima meltdown have radioactive urine - High possibility kids in and near city exposed to internal radiation

10:53 AM Jun 23, 2011 | 65

-820- Playground off-limits - .25 microsieverts/hr 200 km SE of

### **Parents worried about children, want to know if baby's illness is from radiation**

July 2011, British Columbia, Canada sees a spike in sudden infant deaths; apologists say, 'Why so many of those have come up this year, we don't know'.

In Fukushima, parents are very worried for their children's health, and want to know if their baby's illness is from radiation. A *silenced* Fukushima Teacher quits after being stopped from warning students about radiation exposure; assistant principal says, 'I don't think children are safe, either'.

August 2011, Concerns about children's health spread northeast and through Tokyo, a newspaper headline reads, 'Radiation from Fukushima may lead to decreased population in Japan'. Another, *Japan's nuclear agency hides children's radiation results*. At a nursery school, a Geiger counter reads nearly off the scale; but, the fallout-contaminated topsoil has *already* been replaced.

08:18 AM Jul 6, 2011 | 61

-952- British Columbia sees spike in number of sudden infant deaths

04:22 PM Jul 28, 2011 | 65

-1072- Fukushima parents worried about children - I want to know if my baby's illness is from radiation (VIDEO)

12:07 PM Jul 28, 2011 | 13

-1067- Fukushima teacher quits - stopped from alerting students to radiation exposure - Asst. principal: I don't think children are safe,

05:36 PM Aug 11, 2011 | 37

-1136- Radiation from Fukushima may lead to decreased population in Japan - concerns for children's health

10:05 AM Aug 11, 2011 | 13

-1131- Japan's nuclear agency hides children's radiation results

02:23 PM Aug 15, 2011 | 19

-1149- Nursery School: Geiger counter nearly off scale near play equipment - topsoil already replaced (VIDEO)

### **It's like killing our own children**

A Fukushima mom comes to Portland Oregon, reports her 10-year-old son having symptoms of radiation poisoning, nose bleeds and fevers. By a children's swimming pool south of Tokyo, radiation measurements double over five days: 12,400 becquerels/kg of radioactive cesium. A Japanese journalist reports that teachers are forcing their students to eat food that the parents fear is contaminated with radiation; 'It's like killing our own children, I cannot allow it to happen.' A school playground staircase far from the Evacuation Zone measures 69 millisieverts/yr, 70 times the maximum allowed. After decontamination, a high school measures 7.9 microsieverts/hr; a day care center measures 7.1 microsieverts/hr.

11:30 AM Aug 19, 2011 | 70

1180 -<http://enenews.com/fukushima-mom-comes-to-portland-10-year-old-son-started-having-symptoms-nose-bleeding-and-fevers>

02:48 PM Aug 19, 2011 | 16

-1782- South of Tokyo 12,400 becquerels/kg radioactive cesium found by

children's swimming pool; Radiation measurements double over 5 day period

08:30 AM Aug 22, 2011 | 114

-1192- Japanese Journalist: Like killing our own children, I cannot allow it to happen - Teachers force students to eat food parents fear contaminated w/radiation (VIDEO)

10:40 AM Aug 29, 2011 | 35  
-1251- School playground staircase has radiation at 70 times maximum allowed, far from evacuation zone - Equal to 69 millisieverts per year

11:43 AM Aug 31, 2011 | 31  
-1268- \*After Cleanup\* High school: 7.9 microsieverts/hour - Day care center: 7.1 microsieverts/hour

### **Japan kids suffer heart attacks and cardiac problems from Fukushima fallout**

*September 2011*, Cesium-137 found in urine of child near Tokyo, despite mother's stringent efforts at radiation protection - 'mixture of shock and a feeling that of course this is the case'.

Cesium levels spike in child's urine between May and July tests. Reports of kids suffering cardiac problems and heart attacks caused by Fukushima fallout. Report states 75% of Fukushima's 300,000 children are going to schools so contaminated they would be radiation control areas in nuclear plants.

05:33 AM Sep 5, 2011 | 90  
-1294- Cesium-137 found in urine of child near Tokyo, despite mother's radiation protection - Mixture of shock and a feeling that of course this is the case

-1343- Already hearing reports of kids suffering heart attacks - Beware deadly cardiac problems in children caused by Fukushima radiation (VIDEO)

07:23 AM Sep 9, 2011 | 23  
-1327- Cesium levels spiked in child's urine between May and July tests

05:35 PM Sep 20, 2011 | 44  
-1386- 75% of Fukushima 300,000 kids in schools so contaminated they would be radiation control areas in nuclear plants (VIDEO)

07:17 AM Sep 12, 2011 | 48

### **Horrified parents called *monster parents*; objected to children being told to enjoy 'radioactive autumn' outdoors**

*October 2011*, a German Government study of children living near nuclear plants documents doubling of leukemia rates, and high incidences of solid cancers in kids ... reactors can't prevent radiation leaks ... business-as-usual leaks are, in fact, *regulated daily discharges of radionuclides*.

### **Radiation in October 5x higher than previous July**

In Japan, radiation in October is 5x higher than the previous July; school building with 150,000 Bq/kg nearby. Nursery schools take field trips so kids can play in areas with less fallout, since it's 8x higher at school.

### **Tokyo: Cesium at triple government limit in radioactive compost made by school children, using fallen leaves**

University of Pittsburg radiation expert says child cancer risk doubles if exposed to a couple x-rays worth of radiation during pregnancy. Tokyo: Cesium at triple government limit in radioactive compost made by elementary school children, using fallen leaves.



Increasing numbers of horrified parents in Tokyo-area, as young children enjoy 'radioactive autumn' outdoors, and are accused of being monster parents if they show concern. About 250 km from Fukushima, kindergarteners play by soil with 1 microsievert/hr radiation during athletic event in Yokohama.

One Tokyo ward (school district) has 13 Schools with radiation levels above safety standards. Elementary schools: Nagano around 20x normal at 1.7 $\mu$ Sv/hr, 270 km from Fukushima Dai-ichi meltdowns; Tokyo's Kita Ward at 1  $\mu$ Sv/hr.

10:27 AM Oct 22, 2011 | 18

-1586- German Study: Children living by nuclear plants - double leukemia rates, high incidence of solid cancers - Reactors cannot prevent radiation escape (VIDEO)

11:56 AM Oct 5, 2011 | 76

-1475- Jiji: Radiation 5 times higher than July levels - School building w/150,000 Bq/kg nearby

11:59 AM Oct 6, 2011 | 27

-1482- Nursery schools taking field trips so kids can play in areas with less radioactivity - 800% higher radiation dose at school

08:44 AM Oct 6, 2011 | 16

-1479- U. of Pittsburg radiation expert: Child cancer risk doubles if exposed to just a couple x-rays worth of radiation during pregnancy (VIDEO)

11:23 AM Oct 7, 2011 | 29

-1488- Tokyo: Cesium at triple gov't limit in radioactive compost made by elementary school children - Using fallen leaves!

09:59 AM Oct 11, 2011 | 75

-1513- Horrified parents in Tokyo-area, as young children enjoy radioactive autumn outdoors - accused of being monster parents if concerned

09:09 AM Oct 11, 2011 | 16

-1512- 250 km from Fukushima: Kindergarteners playing by soil with nearly 1 microsievert per hour during athletic event in Yokohama (VIDEO)

12:57 PM Oct 13, 2011 | 31

-1535- Bloomberg: Single Tokyo ward has 13 schools with radiation levels above safety standard

10:12 AM Oct 14, 2011 | 7

-1542- New Radiation Results from Elementary Schools: Nagano around 20 times normal at 1.7 $\mu$ Sv/hr, 270 km from meltdowns - Tokyo's Kita Ward at 1  $\mu$ Sv/hr

### **8-year-old girl has 3,000 disintegrations of cesium every second (Bq) inside her body**

The Japanese media blackout does not mention a radioactive baseball field in Tokyo contaminated at 4x contamination levels in Chernobyl, leaving parents and kids clueless. Five more reports of high radiation levels in Tokyo's Adachi ward; over 20 millisieverts/yr at School, above evacuation levels. Tokyo-area: 11.3 millisievert per year radiation dose at elementary School in Higashimurayama; (also, Saitama tea leaves over 2,000 Bq/kg).

High internal radiation exposure detected in young children - 16 people with internal exposure over 1 millisievert. Kyodo: 57.7  $\mu$ Sv/hr where children play; resident concern near Tokyo.

Soviet radiation doctor: We were wrong; a huge new group has appeared, the children of parents who have been irradiated.

Eight-year-old Japanese girl has 3,000 disintegrations of radioactive cesium every second (Bq) inside her body.

## **Cesium levels in Yokohama mushrooms reach 3,000 Bq/kg; eaten by hundreds of kids under 12 ...250km away**

*November 2011*, Physicians diagnose Japanese child: Affected by radiation; that's why he has dark circles under his eyes, a pale face, and feels fatigue ...would be better for him to move away'. A Japanese hospital worker tweets info about recent increases in acute leukemia. Nowhere is safe: Cesium levels in Yokohama mushrooms 3,000 Bq/kg; already eaten by hundreds of children under 12 ...250km from meltdowns. A doctor notes kids in Fukushima are not growing, some only one pound a year. The Emperor's granddaughter is hospitalized with mycoplasma pneumonia. The Emperor is hospitalized with fatigue and immune deficiencies. A TV host in Japan eating Fukushima produce on his TV show to prove it is safe is diagnosed with acute lymphocytic leukemia.

11:42 AM Oct 17, 2011 | 76

-1553- Japan media yet to mention radioactive baseball field in Tokyo - 4 times Chernobyl 'contaminated' levels - Parents, kids clueless

10:45 AM Oct 18, 2011 | 126

-1558- Five more reports of high radiation levels in Tokyo's Adachi ward - Over 20 millisieverts per year at school, above evacuation level

09:01 AM Oct 20, 2011 | 22

-1569- Tokyo-area: 11.3 millisievert/yr rad dose at elementary school - Saitama tea leaves 2,000 Bq/kg

12:58 PM Oct 22, 2011 | 16

-1589- Internal radiation exposure in young children - 16 people, internal exposure 1 millisievert

09:24 AM Oct 24, 2011 | 12

-1595- 57.7  $\mu$ Sv/hr at place children always played - Residents deeply concerned near Tokyo

07:54 PM Oct 30, 2011 | 77

-1646- Soviet Radiation Doctor: We were wrong - A huge new group has appeared... The children of parents who have been irradiated (VIDEO, 1hr 2min)

11:53 AM Oct 31, 2011 | 25

-1653- 8-year-old girl - 3,000 disintegrations radioactive cesium every second (Bq) inside body

11:03 AM Nov 1, 2011 | 28

-1661- Japan children: Affected by radiation... That's why he has dark circles under his eyes, pale face and fatigue - better for him to move (VIDEO)

02:38 PM Nov 3, 2011 | 8

-1696- Hospital worker leaks information about recent increase in acute leukemia - Tokyo area?

03:21 PM Nov 4, 2011 | 26

-1706- Cesium in Yokohama mushrooms 3,000 Bq/kg - eaten by 100s of kids under 12 - 250km from meltdowns

02:55 PM Nov 7, 2011 | 22

-1726- NHK: Fukushima children not growing in weight, average increase down 75% - Doctor says very unusual... some gained only 1 pound in year

04:59 PM Nov 7, 2011 | 52

-1728- Japan Emperor's granddaughter hospitalized with mycoplasma pneumonia

10:29 AM Nov 7, 2011 | 29

-1723- Japan's Emperor hospitalized: He appeared fatigued and has lost some resistance to fight his illness - Traveled to disaster area in April

## **Respiratory problems in children up 700%**

**from previous levels, hemorrhaging up 900%**

In Chernobyl, a study in areas contaminated by Chernobyl meltdown fallout documents respiratory problems in children up 700% from previous levels, hemorrhaging up 900%.

The levels of Xenon fallout in Fukushima are 2.5 higher than in Chernobyl; Xenon causes dramatic increases in lung cancer ...it bombards you with very powerful x-rays, and turns to cesium. Local Tokyo official says, "It became clear that radiation came further south than we thought, all the way to Tokyo"...while at nursery School with kids rolling in dirt and tasting it. In Fukushima and Tokyo, the number of births declined significantly from April-thru-June. A journalist living inside the 30 kilometer zone to support Fukushima safety propaganda dies of acute lymphocytic leukemia.

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Local Tokyo official says, "It became clear that radiation came further south than we thought, all the way to Tokyo"...while at nursery School with kids rolling in dirt and tasting it.

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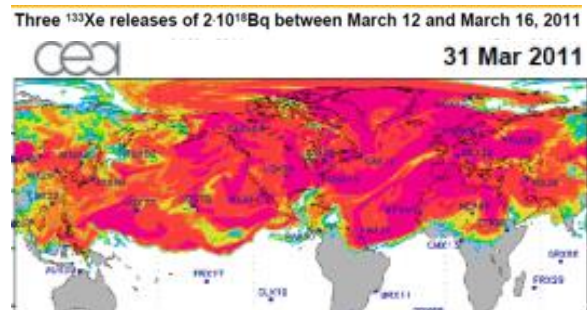
**Tokyo nursery school serving milk with 18 Bq/kg of cesium, (160x EPA limit); milk industry protests tests**

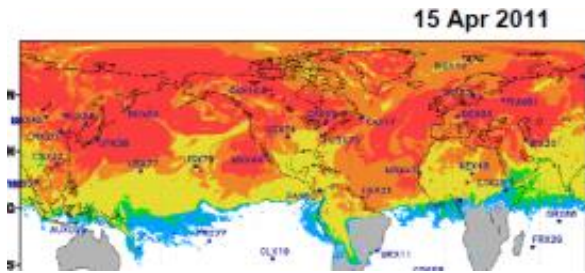
December 2011, Local government tests kids' lunches: Tokyo nursery school serving milk with 18 Bq/kg of cesium, (160x EPA limit); milk industry protests tests. Cesium discovered in baby food made in Saitama, near Tokyo; largest infant formula manufacturer in Japan recalls 400,000 cans of radionuclide-contaminated formula. Baby food maker ignored info on cesium contamination for weeks, initially concluding further investigation was unnecessary.

Fukushima refugees discuss bizarre rashes; doctor concerned about Tokyo radiation talks about purple spots and Tokyo radiation. Tokyo Mother holding baby: "I never thought milk would be affected" by Fukushima radiation). Japan teachers: students taught pro-nuclear propoganda; told radiation risk is less than dying of old age.

07:43 AM Nov 11, 2011 | 11  
-1759- Children's respiratory problems at 700% previous levels, hemorrhaging at 900% in areas contaminated by Chernobyl meltdown

05:07 AM Nov 14, 2011 | 24  
-1783- Xenon known to cause dramatic increase in lung cancer - Bombards humans with very powerful x-rays - Turns into cesium - Xenon from Fukushima most ever, 2.5 times Chernobyl (VIDEO)





09:02 PM Nov 13, 2011 | 24

-1782- Local Tokyo official says It became clear that radiation came further south than we thought, all the way to Tokyo... while at nursery school with kids rolling in dirt and tasting it (AUDIO)

09:35 PM Nov 17, 2011 | 11

-1823- Number of births declined significantly in Fukushima and Tokyo between April and June

02:20 PM Nov 27, 2011 | 56

-1856- Journalist dies of acute lymphocytic leukemia - lived inside 30 km zone to support Fukushima

09:02 PM Nov 13, 2011 | 24

-1782- Local Tokyo official says It became clear that radiation came further south than we thought, all the way to Tokyo... while at nursery school with kids rolling in dirt and tasting it (AUDIO)

12:25 PM Dec 5, 2011 | 39

### **Tokyo mom: “I never thought milk would be affected” by Fukushima radiation”**

Levels of radiation in Koriyama children exceed annual limit set by Government. A top radiation expert says 50 Bq/kg of radiation in humans, leads to irreversible lesions in vital organs.

Japan blog author claims medical workers said malformed babies are being declared as stillbirths or miscarriages, and not being included in statistics as malformed babies.

### **Miscarriages not included in statistics as malformed babies**

Government to check Fukushima kids for congenital abnormalities linked to radiation; rising public concern about contamination. Nursery School opens 25km from Fukushima meltdowns.

### **Infant deaths also up in B.C.**

-1924- Local gov't tests kids' lunches: Tokyo nursery school serving milk with 18 Bq/kg of cesium - Over 160x EPA limit - milk industry protests testing

03:14 AM Dec 6, 2011 | 35

-1928- Bloomberg on Cesium Found in Baby Food: Made near Tokyo, in Saitama - First detected on Dec. 3 - Japan's largest infant formula supplier recalling 400,000 cans

07:11 AM Dec 10, 2011 | 45

-1960- Kyodo: Baby food maker ignored info on cesium contamination for weeks - Initially concluded further investigation was unnecessary

06:54 PM Dec 6, 2011 | 63

-1932- SMH: Too late to flee Fukushima fallout? Refugees discuss bizarre rashes - Doctor describes purple spots, concerned about Tokyo radiation

12:01 PM Dec 7, 2011 | 12

-1935- Tokyo mother holding baby: I never thought milk would be affected by Fukushima radiation (VIDEO)

12:46 PM Dec 7, 2011 | 24

-1936- Japan Teachers: Students being taught pro-nuclear propaganda - Told radiation risk is less than dying of old age (VIDEO)



## Canada after Fukushima

01:30 PM Dec 9, 2011 | 54  
-1953- Radiation levels in Koriyama children exceed annual limit set by gov't

02:37 PM Dec 10, 2011 | 36  
-1963- 50 Bq/kg in humans leads to irreversible lesions in vital organs (VIDEO)

10:17 AM Dec 18, 2011 | 59  
-2032- Japanese blog claims medical workers say malformed babies are being declared as stillbirths or miscarriages - Not included in statistics (VIDEO)

06:29 PM Dec 20, 2011 | 64  
-2052- NHK: Gov't to check Fukushima kids for congenital abnormalities linked to

radiation - Rising public concern about contamination

01:04 PM Dec 22, 2011 | 25  
-2068- Infant deaths also up in B.C., Canada after Fukushima - Corroborates U.S. study (VIDEO)

10:04 AM Dec 30, 2011 | 38  
-2135- Fukushima mother weeps to reporter: I wish my daughters were never born - I apologize to them for giving birth

09:49 AM Jan 16, 2012 | 17  
-2277- Mom escapes radiation by moving into radioactive apartment: I have no words - I just feel so awful for my kids - I feel like I've failed as a parent

Fukushima mother weeps to reporter: I wish my daughters were never born; "I apologize to them for giving birth."

Japanese mom escapes radiation by moving into radioactive apartment: "I have no words...I feel awful for my kids ...I've failed as a parent."

### **Child leukemia doubles near French nuclear plants, says government study.**

Average pre-school child in Koriyama has external radiation dose of 110  $\mu$ Sv during Nov, 60km from Fukushima plant ...won't immediately affect health says government ...internal radiation dose not included; no data from March to October. U.S. Military: radiation causes hair loss, bleeding, nausea, inability of body to repair.

Homes significantly contaminated in Tokyo suburb; first time child from capital has radiation detected in urine. An apologist Tokyo professor says cesium detected in urine of Fukushima infants definitely has no effect on human body.

Japan announces free medical care for Fukushima children under 18; requested by local government. Children and grandchildren must live with fears about well-being after Fukushima. Child leukemia doubles near French nuclear plants says government study ...says result is statistically significant.

06:02 PM Jan 6, 2012 | 38  
-2197- Pre-school kids external radiation 110  $\mu$ Sv in Nov - 60km from reactors - won't

immediately affect health - internal radiation not included - no data, Mar - Oct

09:39 PM Jan 7, 2012 | 38

-2207- U.S. Military: Radiation causes hair loss, bleeding, nausea, inability of body to repair (VIDEO)

05:17 PM Jan 8, 2012 | 110

-2218- Homes contaminated in Tokyo suburb - first time child from Tokyo has radiation in urine.

03:31 AM Jul 2, 2012 | 124

-3697- Tokyo Professor: Cesium detected in urine of Fukushima infants definitely has no effect on human body

12:00 PM Jan 8, 2012 | 17

-2215- Japan announces free medical care for Fukushima children under 18 - local gov't request

10:25 AM Jan 9, 2012 | 14

-2213- Children and grandchildren must live with fears about well-being after Fukushima

08:44 AM Jan 12, 2012 | 20

-2242- Child leukemia doubles near French nuclear plants

### **23% more childhood leukemia within 16 km of nuclear facilities -- 90% more childhood leukemia by nuclear facilities**

U.S. University study: a 23% higher incidence of childhood leukemia within 16 km of nuclear facilities. Another study shows a 90% higher incidence of childhood leukemia around nuclear plants - authors call for investigation.

01:48 PM Jan 30, 2012 | 6

-2420- 23% higher incidence of childhood leukemia within 16 km of nuclear facilities

03:44 PM Jan 21, 2012 | 12

-2342- 90% higher incidence of childhood leukemia around nuclear plants - Authors call for investigation

### **Radiation tests on preschool kids bogus – overlook internal exposure**

Radiation tests on Fukushima preschool kids bogus, says Japan professor; tests overlook people suffering from internal exposure. Government tells university researchers to stop radiation tests on people who live in Fukushima because it makes them feel uneasy.

Leftovers: Local governments testing school lunches *after* children have already eaten.

09:38 AM Jan 27, 2012 | 48

-2397- Radiation tests on Fukushima preschoolers bogus - problematic, because they overlook people suffering from internal exposure

residents - Testing people stirs uneasiness, so we would like you to stop it

02:18 PM Jan 28, 2012 | 46

-2407- Local gov't tests school lunches after children have already eaten

07:47 PM Jun 14, 2012 | 23

3586- Gov't tells university researchers to stop radiation tests on Fukushima

### **Fukushima Moms outraged; newborns exposed to radiation; widespread testing of breast milk?**

Fukushima Mothers outraged over newborns exposed to radiation ...officials consider testing breast milk. Radioactive waste from 'decontamination' buried in elementary school playground. Fukushima risk underestimated ... 5% of

young girls will get cancer living in 20 milliSv/yr for 5 years; “actually worse” since hot particles not included, only counts cancers, not other effects. Highly radioactive gravel used at local schools ...anger and anxiety spreading.

Jan 12, 2012 - CNN: Fukushima Mothers outraged over newborns being exposed to radiation - Officials consider widespread testing of breast milk

-2299- Fukushima risk underestimated - 5% of young girls will get cancer living in 20 milliSv/y for 5 years - worse - hot particles not included - counts cancer, only, not other diseases (VIDEO)

Jan 17, 2012 - CBS: Radioactive waste from ‘decontamination’ buried in elementary School playground (VIDEO)

Jan 18, 2012 - Mainichi: Highly radioactive gravel used at local Schools — Anger and anxiety spreads

07:31 AM Jan 18, 2012 | 53

### **Abnormalities in offspring of mammals in Fukushima: shrinking brain capacity: drop in population**

Abnormalities in offspring of mammals in Fukushima shown in study by government: shrinking brain capacity, drop in population, in Chernobyl wildlife.

Local government survey: Deteriorating health reported by residents; 60% affected after fleeing radiation ...were 40km away from Fukushima plant.

Japan journalist interviews father of newborn with heart defect: “Really frustrating, I can’t prove it’s because of Fukushima” (VIDEO)

08:44 AM Jan 30, 2012 | 12

-2416- Abnormalities in offspring of mammals to get attention in Fukushima study by gov’t - Shrinking brain capacity, drop in wildlife population seen in Chernobyl

radiation - 40 km away from Fukushima plant

01:50 AM Jan 31, 2012 | 87

-2429- Japan journalist interviews father of newborn with heart defect: Really frustrating I can’t prove it’s because of Fukushima (VIDEO)

07:05 AM Jan 30, 2012 | 2

-2414- Deteriorating health reported by residents - 60% affected after fleeing

### **Child population of Fukushima decreases 6% since nuclear disaster**

*February 2012*, Lecturer tells parents, Tokyo radiation is ‘not so serious’, let kids play outside; just gargle, wash hands, etc. Japan Lawmaker: 180,000 students may have eaten radioactive beef, 1,300 Bq/kg served for lunch in Miyagi.

High levels of radioactive cesium detected in Yokohama south of Tokyo, 6.85 microSv/h close to elementary School. Child population of Fukushima decreases 6% since nuclear disaster.

02:53 AM Feb 2, 2012 | 23

-2457- Lecturer tells parents Tokyo radiation is not so serious, let kids play outside - Just gargle, wash hands

-2471- 180,000 students may have eaten radioactive beef - 1,300 Bq/kg served for lunch in Miyagi

09:25 AM Feb 4, 2012 | 11

-2481- Kyodo: High levels of radioactive cesium detected in Yokohama south of

10:35 AM Feb 3, 2012 | 8

Tokyo - 6.85 microSv/h close to elementary school

05:46 PM Feb 7, 2012 | 15

-2517- Child population of Fukushima decreases 6% since nuclear disaster

### **Irreversible heart damage (kids with 50 Bq/kg of Cs-137)**

Professor detects 104 microSv/h near where kids walk to school, 'absurd reality' where children are right next to high-level contamination. Japanese medical experts deeply concerned about children's radiation exposure; 51% of kids contaminated with cesium-137 at Fukushima hospital; some had clothing indicating high-level gamma rays.

Senior Scientist: Irreversible heart damage for children with 50 Bq/kg of Cs-137. Evidence linking nuclear plants to ill health increasingly compelling, 'clear something is going on', says professor, but UK government blames unidentified virus for childhood leukemia rise.

Lawmakers seek free medical care for radiation-exposed children outside Fukushima.

09:09 AM Feb 9, 2012 | 23

-2535- Professor: 104 microSv/hr where kids walk to school - children by high-level contamination (VIDEO).

-3947.10- Senior Scientist: Irreversible heart damage for children with 50 Bq/kg of Cs-137

02:17 AM Feb 14, 2012 | 43

-2593- Japanese medical experts concerned about children's radiation exposure - 51% of kids contaminated with cesium-137 at Fukushima hospital - clothing had high-level gamma rays

02:36 PM Feb 15, 2012 | 30

-2612- Evidence links nuclear plants to ill health - UK blames unidentified virus for childhood leukemia rise

08:12 PM Feb 15, 2012 | 101

-2614- Senior Scientist: Irreversible heart damage for children with 50 Bq/kg of Cs-137

11:11 AM Feb 17, 2012 | 31

-2627- Lawmakers seek free medical care for radiation-exposed children outside Fukushima

### **"Do not examine children for health problems; abnormalities will be found, leading to unnecessary tests"**

*March 2012*, Professor: Do not examine Fukushima children for health problems because ... abnormalities will be found, leading to unnecessary tests.

Miles O'Brien: Big spike in birth defects after Chernobyl ...doctors convinced of direct link between radiation and whole assortment of deformities.

10:43 AM Mar 2, 2012 | 41

-2734- Professor: Do not examine Fukushima kids - abnormalities would be found, leads to unneeded tests

08:23 AM Mar 17, 2012 | 51

-2866- Big spike in birth defects after Chernobyl - doctors convinced direct link - radiation and deformities (VIDEO)

### **20% of young girls in some areas by Fukushima Daiichi to get cancer from radiation in their lifetimes**



Gundersen: 20 percent of young girls living in some areas around Fukushima Daiichi will get cancer from radiation over their lifetimes.

01:59 PM Mar 20, 2012 | 41  
-2890- Gundersen: 20 percent of young girls living in some areas around Fukushima

Daiichi will get cancer from radiation over their lifetimes (AUDIO)

### **Japan schools required to ‘promote the use of nuclear power’ ...can’t buy teaching materials discussing dangers**

Japan Schools required to “promote the use of nuclear power” ...not allowed to buy teaching materials discussing dangers. Mother: School had children clean up highly contaminated area and relocate dirt, without telling parents. Minamisoma Official: “Children are the sacrifices.

Businesses forced the mayor to keep the children here,” ...25km from Fukushima Daiichi (VIDEO). Doctor: More and more often children complain of circulatory disturbances, tiredness, and dizziness after Fukushima.

06:03 PM Mar 21, 2012 | 15  
-2900- Japan schools must promote nuclear power - not allowed to buy teaching materials discussing dangers

-2932- Minamisoma Official: The children are the sacrifices - The businesses forced the mayor to keep the children here 25km from Fukushima Daiichi (VIDEO)

01:28 PM Mar 27, 2012 | 24  
-2939- School had children clean up highly contaminated area and relocate dirt - Without telling parents (VIDEO)

09:55 AM Mar 29, 2012 | 111  
-2954- Doctor: More and more often children complain of circulatory disturbances, tiredness, dizziness after Fukushima (VIDEO)

01:44 AM Mar 27, 2012 | 8

### **28 of every 100 Fukushima pregnancies miscarriage or abortion**

*April 2012, Japan Times:* 28 of every 100 Fukushima pregnancies result in miscarriage or abortion; “We didn’t believe the rumor, but want to confirm it is groundless,” says survey leader.

09:34 AM Apr 17, 2012 | 49  
-3096- 28 of every 100 Fukushima pregnancies result in miscarriage or

abortion - we don’t believe the rumor, we want to confirm it is groundless - says survey leader

### **Kids: incurable stomatitis, chest pain, nose bleeds that don’t stop, diarrhea**

Children’s health problems increasing: incurable stomatitis, chest pain, nosebleeds that don’t stop, diarrhea. After Fukushima, fallout was suspended near Earth’s surface without settling down, says new study ...“Potentially a health risk, especially for children as they breathe closer to ground.” Japanese musicians film children playing barefoot in elevated radiation levels.

04:43 AM Apr 18, 2012 | 32

-3100- Children's health problems increase  
- Incurable stomatitis, chest pain,  
nosebleeds don't stop, diarrhea

11:15 AM Apr 25, 2012 | 8

-3164- Worse than radioactive rain? After Fukushima, fallout suspended near Earth's surface without settling, says - Potential a

health risk, especially for children - breathe closer to ground

06:10 PM Apr 30, 2012 | 9

-3206- Japanese musicians film as children play barefoot in elevated radiation levels (PHOTOS & VIDEOS)

### **Chernobyl: homes full of most grossly deformed children in history of pediatrics**

May 2012, Pediatrician: "Homes full of the most grossly deformed children we have ever seen in the history of pediatrics; all around Chernobyl." When radioactive cesium enters body, 75% lodges in muscle tissue including heart.

Head of Tokyo-area Clinic: We expect diabetes in children from Fukushima radiation. More than 25 Koriyama schools with high radiation areas; 19 nursery and elementary schools affected; 60km from Fukushima Daiichi.

Disease-related deaths surge after 3/11; the heart is unable to pump blood around the body. Study: Cesium-137 is not slow acting; it immediately damages heart muscle.

Tuberculosis and rubella disease outbreaks in Japan. More people living in highly contaminated places dying of heart disease, because of cesium.

01:06 PM May 6, 2012 | 21

-3252- Physician: There are homes in Chernobyl now with children so grossly deformed, we've never seen anything like it in the history of pediatrics - Cancer at 6 instead of 60, that's what nuclear power means (VIDEO)

09:27 AM May 6, 2012 | 47

-3250, 3947.12- When radioactive cesium enters body, 75% lodges in muscle tissue including heart

06:58 AM May 7, 2012 | 3

-3257- More than 25 Koriyama schools with high radiation areas - At least 19 nursery and elementary schools affected - 60km from Fukushima Daiichi

12:11 PM Aug 29, 2012 | 22

-4133--3947.7- Disease-related deaths surge after 3/11 - Heart unable to pump blood around body (See also: Cesium-137 not slow acting, immediately damages heart muscle)

12:31 PM Jul 11, 2012 | 29

-3762- Study: Cesium-137 immediately damages the heart muscle - not slow-acting

02:24 PM Jul 10, 2012 | 64

-3758- Outbreaks of tuberculosis and rubella hit Japan

02:39 PM May 6, 2012 | 66

-3253- German TV Interview on Fukushima: More and more people living in highly contaminated places are dying of heart disease because of cesium (VIDEO)

### **Expect diabetes in children from Fukushima radiation**

Young girl covered in mud during decontamination effort in former Fukushima Evacuation zone; ban on entering area lifted only last month.

Tokyo: 6 in 10 Fukushima children tested have diabetes. Head of Tokyo-area Medical Clinic: We are expecting diabetes in children from Fukushima radiation.

Fukushima doctor: We need outside help, Japanese people not listening. We are in very bad condition, especially children; please help.

June 2012, Soaring number of Fukushima children with headaches/nausea - 6-fold increase blamed on 'stress'.

Japan TV: Crawfish from highly contaminated area brought into classroom for children to play with; told, 'safe enough' after rinsing with water (VIDEO).

08:55 AM May 14, 2012 | 19

-3319- Young girl covered in mud during decontamination effort in former Fukushima evacuation zone - ban to enter area lifted last mth (PHOTO & VIDEO).

-3356- Fukushima Doctor: We need outside help, Japanese people do not listen - we are in bad condition, especially children - Please help (VIDEO)

06:25 PM May 16, 2012 | 103

-3345- 6 in 10 Fukushima children tested have diabetes - Head of Tokyo-area Medical Clinic: We are expecting diabetes in children from Fukushima radiation (VIDEO)

01:10 PM Jun 7, 2012 | 17

-3530- Soaring number of Fukushima children with headaches/nausea - 6-fold increase blamed on 'stress'

01:47 AM May 18, 2012 | 70

01:36 AM Jun 24, 2012 | 17

-3645- Crawfish from contaminated area brought into classroom for children to play with - 'Safe enough' after rinsing with water (VIDEO)

### **Cesium detected in Fukushima children's urine**

*July 2012.* Cesium detected in Fukushima children's urine. Tokyo professor: Cesium detected in urine of Fukushima infants "definitely has no effect on human body". News Agency: Fukushima children to leave Japan for recovery. "An individual care program will be ensured for each child".

Fukushima mother: Many children are showing symptoms of contamination; nosebleeds, colds and coughs don't end; many kinds of eye problems; Tepco and government ruined my life, I cannot forgive them.

Sixteen-year-old working at Fukushima Daiichi after 3/11. Children swim at Fukushima beach as ocean opened for first time since 3/11. Nursery School children on contaminated playground equipment: told, "Radiation is in the holes;" kids with no dosimeters, masks not covering noses.

04:36 AM Jul 1, 2012 | 5

-3691- Cesium in Fukushima children's urine

-3726- Fukushima children to leave Japan for recovery - An individual care program will be ensured for each child

03:31 AM Jul 2, 2012 | 124

-3697- Tokyo Professor: Cesium detected in urine of Fukushima infants definitely has no effect on human body

09:41 AM Jul 17, 2012 | 27

-3810- Many children show symptoms of contamination - nosebleeds, colds and coughs don't end; Many eye problems - TEPCO and gov't ruined my life, I cannot forgive them. (VIDEO)

08:06 PM Jul 5, 2012 | 19

04:03 PM Jul 17, 2012 | 15

-3814- 16-year-old works at Fukushima Daiichi after 3/11

08:16 AM Jul 17, 2012 | 31

-3809- Children swim at Fukushima beach as ocean opened for first time since 3/11 (PHOTOS)

03:29 AM Jul 22, 2012 | 16

-3851- Nursery school children on contaminated playground equipment: radiation is in holes - some kids no dosimeters, masks do not cover noses (VIDEO)

### **Teacher lies to room full of students**

*August 2012*, Teacher: "I'm lying to a room full of students" ...Fukushima City should be evacuated.

I saw girls who changed to be boys when visiting Chernobyl area.

07:23 AM Aug 24, 2012 | 33

-4099- Teacher: I'm lying to students - Fukushima City should be evacuated

01:11 PM Aug 30, 2012 | 27

-4143- NPO Chairman from Japan: I saw girls who changed to be boys when visiting Chernobyl area

### **179 microsievert/hr at elementary school ...hot spots at bus stop, main gate, schoolyard, swimming pool, gym**

*September 2012*. Part I: Fukushima girls have 3x more thyroid cysts over 15 millimeters than boys — Also 79% more medium-sized cysts than boys. Part II: Fukushima girls have 3x more thyroid nodules over 10 millimeters than boys - Also 56% more medium-sized nodules than boys.

Adults volunteer Japanese students for decontamination in contaminated area; mounds of disaster debris. Measured 179 microsievert/hr at elementary school; hot spots at bus stop, main gate, Schoolyard, swimming pool, gym.

01:44 PM Sep 17, 2012 | 7

-4285- Fukushima girls 3x thyroid cysts over 15 mm than boys - 79% more medium-sized cysts

12:42 PM Sep 20, 2012 | 20

-4312- Adults volunteer Japanese students for decontamination in contaminated area of debris mounds

02:43 PM Sep 17, 2012 | 9

-4286- Part II: Fukushima girls have 3x more thyroid nodules over 10 millimeters than boys - 56% more medium-sized nodules than boys

10:48 AM Sep 20, 2012 | 11

-4311- 179 microsieverts/hr at elementary school - Hot spots at bus stop, main gate, schoolyard, pool, gym

### **Children play sports on field with over 5 millisieverts/yr**

Children play sports on field with radiation dose over 5 millisieverts per year. Gundersen: "We're finding girls are having twice as many thyroid lumps as boys", Moms had a real legitimate reason to get their families out of there. Ill Effects of Fukushima Daiichi: mothers, children face danger; constant worries over radiation. Children in area with radiation dose 10x annual limit.

12:02 AM Sep 23, 2012 | 7

-4335- Many children playing sports on field with radiation dose over 5 millisieverts per year (PHOTO)

11:55 AM Sep 24, 2012 | 15

-4349- Gundersen: Girls are having as much as twice as many thyroid lumps as boys - Moms have a real legitimate reason to get their families out (VIDEO)

03:55 PM Sep 26, 2012 | 6

-4364- Ill Effects of Fukushima Daiichi - Mothers, children face danger - worries over radiation (VIDEO)

06:30 PM Sep 26, 2012 | 17

-4365- Japan TV: Children in area with radiation dose 10x annual limit (VIDEO)

### **Like kids are in gas chamber breathing radiation every moment**

Woman from Fukushima: It's as if they're in a gas chamber, children breathing radiation every moment. Kindergarten students play in dirt at School that was inside Fukushima Evacuation zone.

03:36 PM Sep 27, 2012 | 13

-4374- Fukushima woman: Like they're in a gas chamber - children breathe radiation every moment- (AUDIO)

02:48 AM Sep 30, 2012 | 15

-4396- Fukushima kindergarteners in school dirt - was inside evacuation zone - broadcast highlights (VIDEO)

### **Children play at Nuclear Theme Park in Japan, characters sing, 'it's safe, efficient and good for you'**

October 2012, "We need to start a rotating Evacuation for children as soon as possible." "Radiation just continues to accumulate." Watch: Children Play at Nuclear Theme Park in Japan. Characters sing that it's very safe, efficient and good for you. Photographer kicked out.

01:06 PM Oct 1, 2012 | 24

-4405-Need to start rotating evacuation for children asap - Radiation continues to accumulate (VIDEO)

10:37 AM Oct 1, 2012 | 5

-4404-Children Play at Nuclear Theme Park in Japan - Characters sing it's very safe, efficient and good for you - photographer kicked out (VIDEO)

### **"Lick that soil! Please lick it! Children lick the soil. Please take the soil in your hand and lick it."**

"Mother/Farmer: We found 75% of Fukushima contaminated with high levels of radioactivity. This should be declared a 'radiation control area.' Mother tells official: "Lick that soil! Please lick it! Children lick the soil. Please take the soil in your hand and lick it" ...after being told it doesn't need to be removed from Fukushima School. Radiation and Health Study: Children with over 11 Bq/kg of cesium start to see heart problems.

02:22 PM Oct 2, 2012 | 16

-4416- Mother/Farmer: We found 75% of Fukushima contaminated with high levels of radioactivity - should be declared 'radiation control area' (VIDEO)

08:30 AM Oct 3, 2012 | 17

-4424- Mother Tells Official: Lick that soil! Please lick it! Children lick the soil - Please take the soil in your hand and lick it - told doesn't need to be removed from Fukushima school (VIDEO)



12:34 PM Oct 5, 2012 | 45

-4444- Children with over 11 Bq/kg of cesium start to see heart problems – (AUDIO)

### **Children of Fukushima will be killed by the government ...someone please help**

Kids exercise on top of 120,000 Bq/m<sup>2</sup>. Situation deteriorating, many children sacrificed. Kids run marathon on street with radioactivity of 134,000 Bq/m<sup>2</sup>. “Children of Fukushima will be killed by the government ...someone please help.”

04:46 PM Oct 7, 2012 | 13

-4461- Kids exercise on top of 120,000 Bq/m<sup>2</sup> - situation is deteriorating, many children are sacrificed (VIDEO)

12:24 PM Oct 8, 2012 | 26

-4468- Kids run marathon on street with radioactivity of 134,000 Bq/m<sup>2</sup> - Children of Fukushima will be killed by the gov't... Someone please help VIDEO)

### **Kids run marathon on street with radioactivity of 134,000 Bq/m<sup>2</sup>**

Warnings broadcast about internal radiation exposure ...doctor: “Even a low dose will cause damage.” Sixty km from Fukushima Dai-ichi: Kids walk to school each day on road contaminated with radioactivity of 70,000 Bq/m<sup>2</sup>. Government study estimates 225,000 cases of cancer from Fukushima disaster.

06:21 AM Aug 9, 2012 | 55

-3977- NHK broadcasts warn about internal radiation exposure - doctor: low dose will cause damage (VIDEO)

09:09 AM Feb 9, 2012 | 23

-2535- Professor: 104 microSv/hr where kids walk to school - children by high-level contamination (VIDEO)

### **Children are radioactive, people that stayed are in denial, we received hate mail for leaving**

Man from Fukushima chokes up: The children are radioactive. People that stayed are in denial. We received hate mail for leaving. School facilities in Fukushima city exceed radiation limit by 1,000%. Many hot spots around playground equipment are especially disturbing - Greenpeace.

05:02 PM Oct 17, 2012 | 39

-4545- Man from Fukushima: The children are radioactive - people that stayed are in denial - we received hate mail for leaving (VIDEO)

07:30 AM Oct 23, 2012 | 25 -

-4584- School facilities in Fukushima city exceed radiation limit by 1,000% - hot spots around playground equipment Greenpeace (VIDEO)

### **Public parks unmarked radioactive dumps**

*November 2012*, Fukushima kids playing above nuclear waste; public parks unmarked radioactive dumps. Fukushima Journalist at U.C. Berkeley: Government complains when school tried to remove radioactive material: “Why you did that? You don’t need to.” But, mothers are standing up.

01:56 PM Nov 5, 2012 | 2 -

-4697- Fukushima kids play above nuclear waste - public parks now unmarked radioactive dumps

11:47 PM Nov 24, 2012 | 6 -

-4838- Fukushima Journalist at UC Berkeley: Gov't complained when school tries to remove radioactive material - why you did that? You don't need to - Mothers stand up (VIDEO)

**'Superhero' tells kids arch-enemy is bad reputation from nuclear crisis - fight 'fools' & 'sloppy people'**

A Fukushima 'Superhero' tells kids the arch-enemy is giving the nuclear crises a 'bad reputation', and to fight against 'fools' and 'sloppy people' who criticize the nuclear crises.

10:09 AM Nov 29, 2012 | 46 -

-4864- Fukushima 'Superhero' tells kids the arch-enemy is bad reputation from

nuclear crisis - Fights against 'fools' & 'sloppy people' (PHOTO)

**Abnormal changes began to occur on my son - stomatitis, eczema, fever, epistaxis**

*December 2012*, Fukushima Evacuee: Many kids in region with symptoms of health damage - abnormal changes began to occur on my son: stomatitis, eczema, fever, epistaxis. Officials make it mandatory to use Fukushima rice in school lunches.

10:47 PM Dec 10, 2012 | 7 -

-4944- Fukushima Evacuee: Many kids in region with symptoms of health damage - Abnormal changes occur on my son; Stomatitis, eczema, fever, epistaxis

12:01 PM Dec 17, 2012 | 48

-4981- Officials make it mandatory to use Fukushima rice in school lunches

**Severe nose bleeds, full body rash after playing in contaminated water; much blood, thought head was cut**

Mother: Child with severe nose bleeds, full body rash after playing in Fukushima contaminated water; so much blood, thought head was cut open; fingers covered in open sores. Radiation fears keep Fukushima kids inside; adults break down in tears when seeing children forced to play at indoor *smile parks*: "Suddenly, I was overcome with emotion and began to sob" Alarming trend in Fukushima children; parent's radiation fears and stress from disaster blamed for spike in obesity rates.

08:55 AM Dec 21, 2012 | 43

-5006- Mother: Child with severe nose bleeds, full body rash after playing in Fukushima contaminated water - So much blood, thought head was cut open - fingers covered in open sores

seeing children forced to play at indoor 'smile parks'... Suddenly, I was overcome with emotion and began to sob

03:12 PM Dec 26, 2012 | 12

-5026- Alarming trend in Fukushima children - Parent's radiation fear and stress from disaster blamed for spike in obesity rates

11:53 AM Dec 25, 2012 | 15

-5023- Radiation fears keep Fukushima kids inside - Adults break down in tears when

### **Decontamination during school recess - children play next to adults shoveling radioactive dirt**

*January 2013*, A Nun's Warning: I just came back from Japan and Fukushima and I hear already many children start getting sick. Teacher forces pupils at Japanese School to drink diluted acid. Decontamination during school recess; children play next to adults shoveling radioactive dirt (VIDEO).

Thyroid abnormalities in 55% of Fukushima girls tested age 11 to 15 (VIDEO). Fukushima disaster-manga in Japan: 'Nuclear Man,' by DC Comics in U.S. Kids play with reactor toy set.

10:56 AM Jan 5, 2013 | 35

-5084- Nun's Warning: I came back from Japan and Fukushima - already many children start getting sick (VIDEO)

02:14 AM Jan 23, 2013 | 8

-5190- Telegraph: Teacher forced pupils at Japanese school to drink diluted acid

10:07 PM Jan 24, 2013 | 9

-5206- Decontamination during recess - Children play next to adults shoveling radioactive dirt (VIDEO)

04:59 PM Jan 25, 2013 | 31

-5210- Thyroid abnormalities in 55% of Fukushima girls tested, age 11 to 15 (VIDEO)

12:33 PM Jan 29, 2013 | 5

-5230- Fukushima disaster manga in Japan - 'The Nuclear Man' by DC Comics in U.S. - Kids play with reactor toy set (PHOTOS)

### **Children in Fukushima - clothes more radioactive after 5 washes**

*February 2013*, Ex-Tepco Worker: "Children in Fukushima are living in such dangerous conditions." Clothes are contaminated ...even more radioactive after 5 washes. Japanese Judge: Already signs of major health hazard in Fukushima, kids may end up like those around Chernobyl, urgent need for Evacuation. Fukushima child has radioactivity of 6,000 disintegrations per second inside body. Gundersen: We're getting reports from Japan of deformed children, troubled pregnancies after Fukushima.

01:16 AM Feb 3, 2013 | 12

-5268- Children in Fukushima - dangerous conditions - Clothes contaminated - more radioactive after 5 washes (VIDEO)

09:21 AM Feb 5, 2013 | 5

-5281- Judge: Already signs of major health hazard in Fukushima - Kids may end up like those around Chernobyl - Urgent need for evacuation (VIDEO)

10:40 AM Feb 12, 2013 | 9

-5328--3947.11- Fukushima child 6,000 disintegrations/sec inside body

12:29 AM Feb 25, 2013 | 22

-5420- Gundersen: We're getting reports from Japan of deformed children, troubled pregnancies after Fukushima (AUDIO)

### **Fukushima child has radioactivity of 6,000 disintegrations/sec inside body**

Fukushima child: I didn't know about nuclear disaster until April, small kids are playing outside, they were even playing with *snow*.<sup>a</sup> Fukushima kids with nose bleeds, diarrhea, mouth blisters. Symptoms go away after leaving area; used to be in good health, now pick up every little bug going around.

11:07 AM Feb 14, 2013 | 1

-5341- Fukushima Child: I didn't know about nuclear disaster until April - Small kids were playing outside, playing with snow<sup>b</sup> (VIDEO)

09:17 PM Feb 28, 2013 | 2

-5454- Fukushima kids with nose bleeds, diarrhea, mouth blisters, other problems - catch every bug going around (VIDEO)

### **Fukushima mom: 'Are they going to kill these kids?'**

*March 2013*, Fukushima mother: "Are they going to kill these children?" Lawyer: Nation's worst child abuse in history. Mother: "Everyone's immune system has become weaker, the children's bodies are changing." Radiation expert back from Fukushima: Radioactivity still very high... not declining - Health risk played down since it can't be dealt with, children's playgrounds at 200x normal levels. Reporter finds radiation levels 1,000x over government limit far from Fukushima plant; a spot where kids walk to school. Females age 18 and over wanted for work at destroyed Fukushima nuclear plant. 'A job even women can do ...will last a very long time.'

12:39 PM Mar 1, 2013 | 3

-3326- Fukushima Mother: Are they going to kill these children? (VIDEO) March 1, 2013

can't be dealt with - Children's playgrounds at 200 times normal levels

12:08 PM Mar 5, 2013 | 4

-5484- Mother: Everyone's immune system has become weaker - children's bodies are changing (VIDEO)

10:40 PM Mar 12, 2013 | 15

-5551- Reporter finds radiation levels 1,000x over gov't limit far from Dai-ichi plant - kids walk to school (VIDEO)

12:58 PM Mar 7, 2013 | 32

-5502- Radioactivity still very high... not declining - health risk played down since it

10:50 AM Mar 24, 2013 | 43

-5642- Females age 18 and over wanted for work at destroyed Fukushima nuclear plant - A job even women can do... it will last a very long time

### **The nuclear energy industry knows what the effects of radiation are on pregnant women**

*April 2013*, U.S. Unspeakable Experiments: Hundreds of pregnant women fed nuclear material; children drinking radioactive lemonade; "Only thing I could think of was Nazi Germany."

09:10 AM Apr 12, 2013 | 80

-5738- U.S. Experiments: Hundreds of pregnant women fed nuclear material - infants & children fed radioactive lemonade

### **Mud in bottom of high school swimming**

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<sup>a</sup> Not snow, was a radioactive ash formed.

<sup>b</sup> Small kids were playing outside, playing with snow

### **pools exceeds 100,000 Bq/kg**

Nuclear material in mud in the bottom of swimming pools at Fukushima high schools exceed 100,000 Bq/kg; levels double in one year.

01:44 PM Apr 22, 2013 | 21

-5781- Nuclear found material in pools at Fukushima schools exceed 100,000 Bq/kg – levels have doubled in the last year

### **Emergency decontamination needed in places used by Fukushima kids**

*May 2013*, Emergency decontamination needed in places used by Fukushima kids, highly radioactive material accumulating, many times higher than previous record for urban areas.

11:14 AM May 10, 2013 | 32

-5863- 'Emergency decontamination' needed in places used by Fukushima kids - Highly

radioactive material accumulating - many times higher than previous record for urban areas

### **If children touch ground containing radiation their reproductive organs are going to be deformed or sterile**

*June 2013*, “Everything here in Japan is lies. If children touch the ground containing radiation their reproductive organs will be deformed or sterile.”

07:00 PM Jun 3, 2013 | 54

-5923--3947.1- If children touch ground containing radiation their reproductive organs will be deformed or sterile (VIDEO)

*July 2013*, Japan kids ingesting pieces of Fukushima fuel rods? Mystery black substance likely contains concentrated unburned nuclear fuel.

10:59 AM Jul 11, 2013 | 64

-6026- Japan kids ingest Fukushima fuel rods? Mystery black substance likely

contains concentrated unburned nuclear fuel (VIDEO)

### **Children warned to stay off jungle gyms or risk serious burns from super-heated metal**

*August 2013*, Fukushima Daiichi nuclear plant disaster killed local fishing industry, keeps residents from returning home, and damages regional farming. Folks go to beaches too close to the Fukushima nuclear power plant. Contamination haunts would-be beach goers. Children warned to stay off jungle gyms or risk serious burns from super-heated metal. Father: I worry about radiation, but the data says it's safe to go in the water again. Disturbing revelations about contamination draining into the sea, 22 miles south.

08:16 AM Jul 17, 2012 | 31

-3809- Children now go swimming at Fukushima beach – the ocean is now opened for the first time since 3/11 (PHOTOS)





10:00 PM Aug 17, 2013 | 46

-6200- CBS News: Young kids playing at beaches far too close to Fukushima nuclear plant - Father: I do worry about radiation, but data says it's 'safe' just 22 miles from leaking reactors (VIDEO)



### Sharp increase in bloody urine, bone pain

September 2013, Fukushima mother's plea to U.N.: Children and adults are suffering tremendously; sharp increase in bloody urine, bone pain, doctor says many have similar symptoms with unknown causes, family's health deteriorated all at once, recovered soon after moving.

04:18 PM Sep 27, 2013 | 51

-6454- Fukushima Mother Pleas to U.N.: Children and adults suffer tremendously - sharp increase in bloody urine, bone pain -

more - Doctor says many have similar symptoms with unknown causes - family's health deteriorated all at once, recovered soon after moving

### Ongoing cover-ups plus people in denial

October 2013, People don't realize how terrible it will be. Cover-up of kids with thyroid cancer. Kids coming down with many health problems. Parents blame Fukushima for higher cancer rates.

08:59 AM Oct 22, 2013 | 85

-6579- AP: Japan cancer surgeon in fear of what's to come after Fukushima disaster- A terrible thing has happened, but people don't realize it at all

08:59 AM Oct 22, 2013 | 85

-6579.6- Truly terrible things emerge several years after the accident at Chernobyl - 7,800x more childhood thyroid cancer than average in town 70 km away IAEA Exposed (VIDEO)

08:59 AM Oct 22, 2013 | 85

-6579.1- Fukushima Cover-Up: Extraordinary amount of kids have thyroid cancer -- Officials say not caused by Fukushima- since Chernobyl cancers took 4-5 years to appear - yet data shows it started soon after '86 meltdown... number of cases still rising 25 years later

08:59 AM Oct 22, 2013 | 85

-6579.7- Children coming down with many health problems... this is reality - CNN: Many parents of Fukushima blame nuclear accident for higher cancer rate (VIDEOS) Nov 9, 2013

### Parents should evacuate children from Tokyo

February 2014, Japan Physician: Parents should evacuate children from Tokyo; danger from Fukushima radiation, threat has seems to be spreading, a lot of patients badly affected.

06:33 PM Feb 14, 2014 | 140  
-7096- Japan Physician: Parents should  
evacuate children from Tokyo; Danger from

Fukushima radiation - threat has been  
spreading - I've seen a lot of patients badly  
affected

### **Girls & cancer risk: statistics terrifying for young girls**

*March 2014*, Gundersen: Terrifying cancer data for Fukushima, statistics are  
astounding especially for young girls. Growing concern around cancer risk.”

11:43 AM Mar 22, 2014 | 75  
-8115—8428.3 Gundersen: Terrifying  
cancer data for Fukushima - Statistics are

astounding especially for young girls -  
Growing concern around cancer risk  
(VIDEO)

### **Fake UN fallout report says no radiation- related deaths or diseases among workers and public**

*April 2014*, A United Nations report on radiation fallout from Fukushima says  
there are no radiation-related deaths or acute diseases among exposed workers  
in the TEPCO Fukushima reactor facility and in the exposed general public.

### **Two million people have medical issues**

Katsutaka Idogawa, former Futaba mayor in Fukushima Prefecture,  
disagrees: there are two million people still living in the prefecture, who have  
medical issues. Authorities claim this has nothing to do with Fukushima  
radioactive fallout. I demanded authorities substantiate their claim in writing;  
they ignored my request. There are terrible things going on in Fukushima. The  
biggest problem is that there is no one to help us.

Interview: Katsutaka Idogawa, former mayor of Futaba, Fukushima Prefecture.

### **Radiation is still there - it is killing the children**

I talk to local authorities in different places in Fukushima; no one listens to  
me. They believe what the government says, while in reality radiation is still  
there —it is killing the children.

### **Kids dying of heart conditions, asthma, leukemia & thyroid complications**

Children are dying of heart conditions, asthma, leukemia, and thyroid  
complications. Lots of kids are extremely exhausted after school, others are  
unable to attend PE classes. Authorities still hide the truth from us. I don't  
know why.

Don't they have children of their own? It hurts so much to know they can't  
protect our children. This UN report is false.

This report was made by a representative of Japan, Professor Hayano.  
Representing Japan, he lies to the whole world from the UN podium. It's a  
shame, authorities hide the truth from the whole world, and from the UN. We  
need to admit that many people are dying; we are not allowed to say that.

07:16 AM Apr 21, 2014 | 97

-8184- Fukushima radiation killing children - heart problems, leukemia, thyroid - terrible things are going on - authorities hiding truth from world - we need to admit many people are dying, but not allowed to (VIDEO) There are some terrible things going on in Fukushima. The biggest problem is that there is no one to help us. I talked to local authorities in different places in Fukushima, but no one would listen to me. They believe what government says; but, radiation is there - it is killing children. They are dying of heart conditions, asthma, leukemia, thyroid complications. Lots of kids are extremely



exhausted after school, others are simply unable to attend PE classes. But the authorities are still hiding the truth from us, and I don't know why. Don't they have children of their own? It hurts so much to know they can't protect our children.

### **Strange tumors, kids and pets dying - doctors threatened for blaming Fukushima radiation**

*October 2014*, "Truly Frightening": Doctors being threatened for linking illnesses to Fukushima. Strange tumors, kids dying, pets dying. Much higher incidences of whole range of health problems reported. 1,000,000 cancers, many ailments possible.

12:43 PM Oct 28, 2014 | 154

-8478- Doctors being threatened for linking illnesses to Fukushima - Strange tumors, kids dying, pets dying - Much higher

incidences of whole range of health problems reported - experts: 1,000,000 cancers - many other ailments possible (AUDIO & VIDEO)

### **My newborns died within hours, tumors all over, brain disintegrated after massive stroke**

*December 2014*, Cemetery blocks filled with babies downwind of U.S. nuclear site. This needs to be talked about, the children ... murdered. My newborns died within hours, tumors all over, brain disintegrated after massive stroke. Body parts, cadavers, fetuses, the nuclear industry took in the dead of night from all over U.S.

02:33 PM Dec 16, 2014 | 601

-8525- Video: Cemetery blocks of dead babies downwind of U.S. nuclear site - newborns died within hours, tumors all over,

brain disintegrated after massive stroke; body parts, cadavers, fetuses... the nuclear industry took in dead of night all over U.S.

### **Mom: "I'm worried ...children not the same sick nosebleeds, rashes, white blood cells decreased**

*March 2015*, Officials lying, many kids getting cancer after Fukushima: 1,200+ deaths from "illness caused by prolonged exposure." Mom: "Worried; children not the same; sick; nosebleeds; rashes; white blood cells decreased."

10:28 AM Mar 11, 2015 | 231  
-8585- TV: Officials lying, kids getting cancer  
- Report: 1,200+ deaths from illness caused  
by prolonged exposure - Mom: I'm really

worried... children not the same... sick...  
nosebleeds, rashes - white blood cells  
decreased - Radiation by school 100 times  
normal (VIDEO)

### **Surge in babies born with extra arms, legs in Fukushima**

*April 2016*, Surge in babies being born with extra arms, legs after Fukushima. "I feel officials know the cause is radiation." Nurse says many are getting abortions to avoid 'inconvenient' babies. "High number of stillbirths" Many people reporting cancers, even far away from Fukushima.

08:14 AM Apr 18, 2016  
-8806--8806.2- TV: Surge in babies born  
with extra arms, legs after Fukushima - I feel  
officials know the cause is radiation - many

get abortions to avoid 'inconvenient' babies -  
High number of stillbirths - Many people  
report cancer, far from Fukushima (VIDEO)

### **Astronomical radiation in downtown Tokyo - extreme levels found where food grown for school lunches**

*August 2016*, Astronomical amounts of radiation found in downtown Tokyo, directly outside government building. 'Horrorific' readings where kids play in Fukushima; 'extreme' levels found where food is grown for elementary school lunches. Nuclear expert shocked, upset by discovery.

12:10 PM Aug 22, 2016 | 628  
-8827- TV: Astronomical radiation in  
downtown Tokyo - directly outside gov't  
building - 'Horrorific' readings where kids play  
in Fukushima, 'extreme' levels where food  
grown for school lunches - nuclear expert  
shocked, upset by discovery. Gundersen  
found Tokyo remains contaminated -

measured dust and found high dose of  
radiation. That dust (that continually blows  
down from the mountains) is in the air that  
will be inhaled by the visitors and athletes of  
the 2020 Olympic Games. Current residents  
inhale it every day (VIDEO-CCTV Channel  
17 interview)

## **21 . Hillary caught poisoning U.S food supply**

[My article, *Hillary caught poisoning U.S. food supply*, under consideration by the editor-in-chief of *National Inquirer* (now sits in their slush pile.)]

Codenamed 'H' in WikiLeaks recovered emails (and according to Trump, as 'Evergreen' in NSA emails), Hillary's former State Department ratted her out and leaked her shady deal.

She figured Japanese food products too poisoned to eat in Japan would be fine for U.S. families to eat.

“The previous Administration came up with a decision at the highest levels of the State Department, and other departments to downplay Fukushima,” said Arnie Gundersen of Fairewinds.com in a SolarIMG interview.

“The Clinton State Department source said Hillary Clinton signed a pact with her counterpart in Japan, agreeing for the United States to continue buying food from Japan, despite that food not being properly tested for radioactive materials,” he said. “So we are not sampling the food coming into the United States” ...that other countries refuse to accept because it’s poison.

FDA Import Alert 99-33 (always under revision), includes: beef, poultry, fish, clams, sea urchin, rice, grains, breakfast cereals, vegetables, milk, milk- and infant milk products, mushrooms, seaweed, spinach, lettuce, celery, cress, endive, escarole, chard, collards, leafy vegetables, turnips, broccoli, cauliflower, mushrooms, bamboo shoots and Kiwi fruit.

Which, if eaten causes immune deficiencies, diseases, cancers, untold suffering and death ...(like what U.S. sailors stationed offshore the Japan meltdowns on U.S.S. Ronald Reagan, experience).

BEEF SIDEBAR

BANNED FOODS SIDEBAR

WikiLeaks

Hillary knew better; and should have cared about protecting us ...but didn’t.

An email leaked by WikiLeaks shows Hillary knew what was up. On Mar 12, 2011, Cheryl Mills sent an email to Hillary with explicit instructions not to forward it. Note the *Secret* classification, and instructions not to declassify until 3/12/2031.

WIKILEAKS EMAIL SIDEBAR

Hillary’s Fukushima emails from hell

Could Hillary’s missing Fukushima emails be hiding at the six intelligence communications centers around the world that record every single phone call and digital transmission made?

Hillary’s missing emails say more by their absence.

The blackout of Hillary’s Fukushima emails was so important to her, she committed a crime by not providing them under subpoena, nor warning American families she is now poisoning.

NUKEPRO SIDEBAR

# # # # #

Credits: Alan Kernoff, art-in-portland.mysite.com; Fairewinds.com; Enews.com; nukeprofessional.blogspot.com; nuclear-news.net; WikiLeaks.

END OF STORY

BEEF SIDEBAR

Timeline: Beef over radioactive limits -- U.S. EPA to raise amount of radionuclides allowed in U.S. food

03/12/11, Email from Cheryl Mills to H.

07/18/11, *Yomiuri Shimbun*: Government: We never thought that straw cows eat would be a source of radioactive contamination”

07/22/11, *Japan Times*: Internal radiation dose of 80 milliSv is result of eating 2 pounds of radioactive beef – (INTERNAL exposure).

02/03/12, *Nature* (International Weekly Journal of Science): 70,000 reports of suspected health damage yearly among German nuclear workers exposed to less than 20 milliSv – (EXTERNAL exposure)



07/17/12, *NHK World*: U.S. halts shipments of Japanese beef in the due to radionuclide contamination concern (VIDEO)

10/14/12, *NHK World*: Fukushima beef being shipped to U.S. restaurants

10/18/12, *Jiji (Japan Times)*: Miyagi Prefecture, the prefectural government tells farmers to not ship beef.

### **BANNED FOODS SIDEBAR**

09/09/13, FDA Import Alert 99-33 rev 9/9/13: *Detention without Physical Examination of Products from Japan Due to Radionuclide Contamination*

09/28/13, FDA Import Alert 99-33 rev 9/28/13: Bans Agricultural and Fishery Products from 14 Prefectures in Japan into the U.S. due to Fukushima radionuclides.

05/09/15, <http://en.people.cn/n/2015/0509/c98649-8889831.html> Revision to alert is due to radionuclide contamination. *People's Daily*: "According to Import Alert 99-33 issued by U.S. FDA, is a list of Japanese food to be banned unless it passes physical examination.

05/12/15<https://nuclear-news.net/2015/05/12/us-follows-hong-kong-and-taiwan-to-restrict-food-import-from-japan-over-radionuclide-contamination-concern/> Comment: "If things get too hot with exports to the U.S. from Tohoku and Kanto contaminated regions, Japan will likely change the origin address of products to Kansai, Chubu, Chugoku, Shikoku and Kyushu" ...to pass contamination controls. Or, they may mix contaminated products from one area with lesser contaminated products from another (as done in Chernobyl), to get acceptable levels to enter the U.S. ...as they do in Japan with rice." U.S.A relies on certificates of origin, not questioning data, and seldom monitors radionuclide levels of all incoming food stock.

12/29/16, FDA Import Alert 99-33 rev 12/29/16: Detention without Physical Examination of Products from Japan due to Radionuclide Contamination. Reason for rev: removes items from list of products restricted by Japan for export to U.S.

<>

EPA under the Obama Administration, pushed legislation to raise amounts of radionuclides acceptable in U.S. water and food products, far below Federal safety standards established about 77 years ago.

(Continued next page)

WIKILEAKS EMAIL SIDEBAR

RELEASE IN PART  
B1,B6,1.4(C)

**From:** Mills, Cheryl D <MillsCD@state.gov>  
**Sent:** Saturday, March 12, 2011 7:33 AM  
**To:** H  
**Subject:** Fw: Fwd: Fw: radiation - fyi

Classified by DAS, A/GIS, DoS on 01/29/2016 - Class: SECRET - Reason: 1.4(C) - Declassify on: 03/12/2031

Scroll all the way down

**From:** Mills, Cheryl D  
**Sent:** Saturday, March 12, 2011 07:12 AM  
**To:** Campbell, Kurt M; Mull, Stephen D  
**Cc:** Mills, Cheryl D  
**Subject:** Fw: Fwd: Fw: radiation - fyi

Fyi - I do not know the originator of the info b/l.

Sending for fyi but not for forwarding.

H is Hillary  
Clinton

Thx  
Cdm

**From:** Cheryl Mills [mailto: ]  
**Sent:** Saturday, March 12, 2011 07:09 AM  
**To:** Mills, Cheryl D  
**Subject:** Fwd: Fw: radiation - fyi

B6

----- Forwarded message -----  
**From:** Edelman, Martin < >  
**Date:** Sat, Mar 12, 2011 at 7:02 AM  
**Subject:** Fw: radiation - fyi  
**To:** cheryl.mills < >

**From:** Michael Kandarakis [mailto: ]  
**Sent:** Saturday, March 12, 2011 06:25 AM  
**To:** Edelman, Martin  
**Subject:** FW: radiation - fyi

From a guy we know here in japan who does background searches for us etc...

This is not advice that is currently in the news. You've met the source before < > Also by coincidence, I have a

1.4(C)  
B1

Radiation leak from the Fukushima reactor,

Stay indoors if at all possible. There is nothing, no events, parties, sports, movies, etc that are worth getting more exposure to radiation. The stuff travels far, very far.

1.4(C)

B1

Wind is all over the place, but we must assume it is heading towards a major area like Tokyo, a city, a heat source.

As long as the radiation leak is going, and up to 24-48 hours later, the threat is at its highest in most cases. Here is a wind chart online. It shows wind all over the place, but one trend is there - winds head to Tokyo.

[http://www.surfline.com/weather-forecasts/japan-wind-chart\\_2731](http://www.surfline.com/weather-forecasts/japan-wind-chart_2731)

Also, power outage expected to hit about 1800 this evening as more people return home and start using more electricity. Charge any devices you have that need charging. People will draw a lot of power about 1800-1900, so expect blackouts and brownouts. Get your flashlights ready, with new batteries.

Very similar to 3-Mile Island, and maybe Chernobyl. VOA news has this take.

<http://www.voanews.com/english/news/asia/Japans-Tsunami-Death-Toll-Seen-Reaching-1000-117829978.html>

Leak has been doing since last night. It is still not under control. A US team was flown in to help get this thing under control, but that is not public record yet. It will come out later, I think.

Anyway, leak from last night means it is hitting us about now. I am not going outdoors for a while.

Normally one might also take K-I (Potassium Iodine) tablets as a precautionary measure. Substitutes include alternative sources of iodine including *isojin* or consuming seaweed (*nori*).

Wear a mask, and a hat if possible. Take a shower immediately after you return home and wash your clothes. Radioactive steam was released yesterday and continues today. It will likely be in the area now. What I suggest above is not costly, and not too onerous. Do it and play it safe.

Don't go outdoors unless it is necessary.

Mitch

M. Murata

B6

### NUKEPRO SIDEBAR

Official source of emails provided by Nukepro, and Nukepro's comments:

Date (US)	Event Description	Percent Redacted	
<b>All Information Compiled by the NUKEPRO</b>			
<a href="http://nukeprofessional.blogspot.com/">http://nukeprofessional.blogspot.com/</a>			
3/11/2011		100%	Japan nuke update 100% redacted.pdf
3/12/2011		0%	No need to panic there was an explosion.pdf
3/12/2011		50%	Quite worried but redacted.pdf
3/12/2011		0%	Stable and using sea water to cool.pdf
3/13/2011		0%	From Hitomi long report from japan no 3 could explode 1 exploded 3 radiated.pdf
3/13/2011	Reactor 3 Explodes in a Moderated Prompt Criticality		no email to this effect, video released worldwide
3/14/2011	Reactor 4 Explodes while ready to load MOX fuel		no email to this effect, <b>video censored</b> and never released.
3/14/2011	Apparent Decision to <b>Coverup</b> all Fukushima Information of real	Fax number redacted?	Fukushima will shave 3pc gdp unelss nuke gets worse.pdf
3/14/2011		100%	Japan 100 pc redacted.pdf
3/14/2011		100%	Long chain redacted.pdf
3/15/2011		100%	Japan 100 pcr.pdf
3/15/2011		100%	Spoke to kurt then redacted.pdf
3/16/2011		0%	US forces keep 50 miles away.pdf
3/16/2011		0%	Chernobyl heroes.pdf
3/18/2011		Source name redacted	Chernobyl guy said only 12 mile danger.pdf
3/19/2011		0%	Oh yeah! we get twitter analysis.pdf
3/19/2011		0%	Why we need to use twitter analysis.pdf
3/21/2011		All options redacted	2 option for you on japan.pdf
3/21/2011		All options redacted	2 options.pdf
3/24/2011		0%	Japanese lanugage doc talking Cesium.pdf
3/24/2011		0%	Worry about stock market rice get other countries not to ban rice regardless of contamination.pdf

3/24/2011		0%	Worry about stock market rice get other countries not to ban rice regardless of contamination.pdf
3/26/2011		0%	Hillary saying we have to show that we spent more money to help japan \$40 M not enough.pdf
4/4/2011		0%	Hillary go to japan as a publicity stunt.pdf
4/4/2011	Decision made to visit Japan	0%	Hillary pr trip to japan will have big impact.pdf
4/4/2011	Apparent Decision to Wipe Out Fukushima Emails	no email, hypothesis	Apparent Decision to Wipe Out Fukushima Emails
4/13/2011		0%	Social media devolve power from governments.pdf
4/17/2011	Clinton Visits Japan	no emails	<a href="http://www.ndtv.com/world-news/hillary-clinton-visits-japan-in-a-show-of-support-453226">http://www.ndtv.com/world-news/hillary-clinton-visits-japan-in-a-show-of-support-453226</a>
4/18/2011		0%	Go to talk to kissinger he is the
5/13/2011	emails not found		No emails related to Fukushima

Official government source of emails from Nukepro; Nukepro’s conclusions, (<https://foia.state.gov/Learn/New.aspx> ):

- 1) Hilla  
ry was well advised what the risks are, and what precautions to take.
- 2) After  
initial emergency, they focused on economic impact and impact to the nuclear industry.
- 3) The  
first two emails urging the trip were followed by a complete blackout on emails related to her trip (for three weeks we checked). *This blackout of the Fukushima-related trip to Japan was so important, it required committing a crime to not provide these emails under subpoena.*

01:17 PM Nov 3, 2014 | 143  
-8485- Food products heavily contaminated by Fukushima found in U.S.; Over 30,000 pCi/kg of cesium, also had Cobalt-60 and

Antimony-124; *FDA: We found no Fukushima contamination in U.S. food supply during routine monitoring*

## 22. Hillary does Japan

**Stationed in Japan with explicit nuclear directives to impose from the Obama Administration**, Secretary Clinton was briefed by email from Cheryl Mills it was too scary to go outside or to a movie, or to dinner. “...This stuff is lethal.”<sup>a</sup>

She went over her to-do list:

<sup>a</sup> See Chapter 21.



Follow Kissinger's directive to tell the Japanese government to abandon their plans to be nuclear free by 2030 or it would displease the Obama Administration.

01:06 AM Oct 2, 2012 | 78

-4411- Sec. Clinton personally pressures Japan leader to keep nuclear power as President Obama wishes it  
September 25, 2012 Nikkei report translated by EXSKF:

It has been revealed that the United States government was strongly urging [the Japanese government] to reconsider its policy of "zero nukes in 2030s" which was part of the energy and environmental strategy of the Noda administration, as "President Obama wishes it"...

According to the multiple government sources, as the Noda administration was moving in August toward explicitly putting down "zero nuke" in the official document, the US strongly requested that Japan reconsider the "zero nuke" policy, saying the request was "the result of discussion at the highest level of the government", indicating it was the Obama administration's consensus, from the president on down.

On September 8, Prime Minister Yoshihiko Noda met with the U.S. Secretary of State Clinton during the APEC meeting in Vladivostok in Russia. Here again, representing the US president, Secretary Clinton expressed concern. While avoiding the overt criticism of the Noda administration's policy, she further pressured Japan by stressing that it was President Obama and the US Congress who were concerned...

(According to Former Deputy Energy Secretary Martin,) the US government thinks that "The US energy strategy would be more likely to suffer a direct damage" because of the Japan's policy change toward zero nuclear energy.

<http://www.kuranaka.com/?p=1806>  
<http://exskf.blogspot.com/2012/10/nikkei-obama-administration-expressed.html>

03:51 PM Jun 29, 2012 | 47

-3680- U.S. Nuclear Expert: I've been told by people in State Dept. U.S. gov't said to downplay health effects of radiation after

Fukushima - we've really gone out of our way not to measure (AUDIO)

Sep 25, 2012 Nikkei report translated by EXSKF:

United States government was strongly urging the Japanese government to reconsider its policy of zero nukes in 2030s part of the energy and environmental strategy of the Noda administration, as President Obama wishes it.

According to the multiple government sources, as the Noda administration was moving in August toward explicitly putting down zero nuke in the official document, the US strongly requested that Japan reconsider the zero nuke policy, saying the request was the result of discussion at the highest level of the government, indicating it was Obama administration's consensus, from the president on down.

On September 8, Prime Minister Yoshihiko Noda met with the US Secretary of State Clinton during the APEC meeting in Vladivostok in Russia. Here again, representing the US president, Secretary Clinton expressed concern. While avoiding the overt criticism of the Noda administration's policy, she further pressured Japan by stressing that it was President Obama and the US Congress who were concerned.

(According to Former Deputy Energy Secretary Martin,) the U.S. Government thinks that The US energy strategy would be likely to suffer direct damage from Japan's policy change toward zero nuclear energy.

[GUNDERSEN ON FUKUSHIMA FISH SALES AND REACTOR'S BUCKLING BUILDING](#)

Five O'clock Shadow with Robert Knight - Jun 28, 2012

At ~18:45 in

<http://www.radio4all.net/index.php/program/61062>

In a startling mix of market forces and nuclear therapy, the Japanese government is now allowing the sale of seafood from Fukushima, where radioactivity continues to

be released daily into the Pacific from the doomed Fukushima Daichi nuclear power stations. Officials and merchants insist the locally sold octopus and snails are safe for consumption. But a new study shows alarming levels of hot cesium, strontium and plutonium in local anchovies, crabs, and other marine species. However, sea bass off the coast of Japan are being thrown back for exceeding radiation limits, and hot Bluefin tuna have now traveled all the way to the U.S. west coast, Nuclear expert Arnie

Gundersen of Fairewinds Associates fairewinds.com has the latest details:

Here in the United States we have this 'don't ask, don't tell'. We don't ask the Japanese what's in it, and they don't tell us. But the South Koreans are banning imports of Japanese seafood.

I've been told by people in the State Department last year that they were told by the U.S. government to downplay the health effects of radiation. And so I think we've really gone out of our way not to measure

Tell the Japanese government in return the U.S. would not test any Japanese food products coming into the U.S. for ionizing radiation even though they're being tested and refused by neighboring countries.

Tell them Obama said they should do nothing to cause the share price of TEPCO (Tokyo Electric Power Company) to fall further.

See if the Japanese are on track with their illegal production of Mox-based (oxygen-enriched) nuclear fuel used to manufacture 'clean' nuclear bombs.<sup>a</sup>

Ensure Japan's program to mass produce and commercialize breeder reactors to the world was on track.

And figure out what was wrong with Japan's Monju reactor, their prototype fast breeder reactor. After all, the owners of the nuclear power industry hadn't secretly been supplying nuclear power equipment to Japan and Iran since 1950, for nothing.

Yes, that was about it for this trip.

Then status Kissinger when she returned home and he would tell ...whom? ...and of course connect some of the dots for Obama.

She knew she was not alone; the CIA was there as well, to tell the Japanese how to deploy domestic psyops<sup>b</sup> techniques humming the pre-internet mantra of Bill Casey and transfiguring it into Japanese doublespeak: *'We will know when our domestic psychological warfare operation has succeeded when everything the ~~American~~-Japanese<sup>c</sup> people believe to be true, is a lie.'*

12:05 PM Oct 18, 2012 | 32

-4550- Radioactive beef over cesium limit - cow raised outside Fukushima - Fukushima beef shipments to U.S. resume

11:16 AM Aug 27, 2012 | 20

-4118- Pacific cod fish shipments in Aomori suspended, 200 miles from Fukushima - high radioactive cesium

04:38 PM Aug 17, 2012 | 18

-4047- NHK: U.S. halts shipments of Japanese beef due to concerns of radioactive contamination (VIDEO)

11:57 AM Aug 11, 2011 | 24

-1133- Russia rejects shipment: 17 microsievverts/hr - cars from Japan

10:16 AM Nov 7, 2012 | 22

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<sup>a</sup> Clean bomb: use of short-lived radionuclides leaving no measurable radiation after 7 weeks

<sup>b</sup> Psychological warfare operations

<sup>c</sup> ~~American~~-Japanese (sic)

-4710- 200% as many radioactive products returned to Japan this year than 2011 says Russian report (VIDEO)

07:16 PM Aug 10, 2011 | 52

-1130- Egypt finds shipment from Japan with radioactive electric & mechanical instruments - exceeds legal limit

11:57 AM Aug 11, 2011 | 24

-1133- Russia rejects shipment: 17 microsieverts/hr - cars from Japan

07:24 PM Aug 18, 2013 | 51

-6203- TV: Public concern over Japan fish imports looks to be justified - Contaminated seafood recently on sale in Korea adding to fears - Over 6 million pounds found since 3/11 - Strong backlash against gov't

02:55 PM Jan 2, 2013 | 26

-5067- Turkey begins testing all food from Japan for radiation - Imports suspected to be contaminated

08:50 PM May 10, 2011 | 70

-465- Dutch authorities seize five containers from Japan - radiation exceeds permissible levels

12:06 PM May 6, 2011 | 28

-445- Dutch find radioactivity levels up to 50 times maximum limit on container from Japan

07:48 AM May 5, 2011 | 8

-438- Belgium finds Cesium-137 radiation above legal limits on container from Japan

05:14 PM May 2, 2011 | 23

-425- Chile finds radiation in Korean cars - Tests show level 5 on radioactive index, level 9 needed for alert

12:25 AM May 3, 2011 | 58

-426- Radiation in food to be a nationwide problem in U.S. - Not just limited to one region (VIDEO)

01:06 AM Sep 26, 2014 | 261

-8436- Nuclear Expert: We found mystery Fukushima plutonium; Why it's there is yet to be understood, this was not expected - I don't want to go down the rabbit hole too

far... There's speculation about plutonium fuel and other fuel they were using (VIDEO)

11:51 PM Nov 9, 2012 | 48

-4731- Henry Kissinger-linked think tank pressures Japanese to keep nuclear power (VIDEO)

01:06 AM Oct 2, 2012 | 78

-4411- Sec. Clinton personally pressures Japan leader to keep nuclear power as President Obama wishes it

01:27 AM Nov 6, 2013 | 136

-6654- Former Ambassador to Obama: Fukushima #4 can cause global catastrophe - most pressing global security issue

03:00 PM Nov 5, 2014 | 265

-8489- Emergency radiation testing used at Democrat and Republican conventions after Fukushima; Also for 2<sup>nd</sup> Obama inauguration - Seafood, meat, vegetables, milk, water checked for nuclear waste, while top officials agree to publicly downplay crisis - 80% of milk samples by Orlando, FL had significant Cs-137

12:03 AM Jan 30, 2014 | 97

**California: Mendocino County requests Obama to take action**

-7028- Marin County, Calif: Officials near San Francisco to monitor Fukushima plume - waves of cesium and strontium pollute coast? (VIDEO)

-7027- Berkeley, California: passes Fukushima resolution (VIDEO)

-7026- Fairfax, California: passes Fukushima resolution

07:40 PM Jan 29, 2014 | 145

-7025- Fukushima fallout in U.S. - Dose in Northeast and Great Lakes equal to West Coast (GRAPHIC) French Institute of Radioprotection & Nuclear Safety (IRSN, 2012): 73 radionuclides were released by Fukushima. One might argue low impact concluded in our study claiming only radiocesium has been studied instead of 73 radionuclides emitted

02:28 PM May 1, 2013 | 258  
-5818- Shoot nuclear waste into the sun?  
'Space disposal' considered by Obama  
commission

10:11 PM May 31, 2012 | 46  
-3475- Former head of Japan's #1  
newspaper worked with CIA to promote  
nuclear power

12:25 PM Apr 9, 2012 | 70  
-3039- Secret Japan nuclear bomb program  
covered up using nuclear power industry -  
Enough to build arsenal larger than China,  
India and Pakistan combined

11:11 AM Mar 11, 2014 | 166  
-8086- U.S. officials hide concerns as  
Fukushima melted - CIA told nuclear  
regulator blast was hydrogen; noted no  
evidence to support this theory

<https://dcbureau.org/201204097128/national-security-news-service/united-states-circumvented-laws-to-help-japan-accumulate-tons-of-plutonium.html>

United States allowed Japan access to the United States' most secret nuclear weapons facilities while it transferred tens of billions of dollars-worth of American tax paid research that has allowed Japan to amass 70 tons of weapons grade plutonium since

Their latest slogan was being successfully deployed and repeated by Japanese school kids to their parents every day: *'Radiation does not harm people who smile, only those who have an unhappy outlook on life.'* Educated doctors returned home to find their children brainwashed, thanks to the CIA and the people they work for ...which are?

[Editor's note: Answer - Rothschild's G8 central banks and G8-driven Bank of International Settlements; the Rockefeller's IMF, Export-import Bank, and World Bank; ...and now, the largest Chinese banks functioning as a G8 money, arms, drugs, oil and human trafficking laundry ...(having replaced BCCI-ICCI), and all serving together as a nuclear energy industry laundry representing the demons of hell winning a battle against DNA and Divine Order.]

The U.S. had considered helping evacuate everyone in Tokyo and relocating them ...but, where? The Japanese government considered relocating itself somewhere safer. But in the end, it was cheaper to quietly sacrifice a few generations of Japanese, and far better for business. And that would ensure Japan hosting the 2020 Olympics. Their legislators suggested turning the stricken nuclear power facility into an amusement park testifying to clean and safe nuclear power. Simply not say the Olympic sites would remain permanently

the 1980s, a National Security News Service investigation reveals. United States has known about a secret nuclear weapons program in Japan since the 1960s, according to CIA.

05:46 PM Jun 13, 2015 | 332  
-8656- CIA Agent: Gov't covering up effects of radiation; I hope public becomes more aware of threat to their health - Actual radiation risks orders of magnitude greater than official estimates; Completely changes the picture... a serious public health hazard (VIDEO)

05:45 PM Jun 30, 2011 | 129  
-917- Leaked emails: British gov't & nuke owners in collusion - PR campaign hides Fukushima toll on life force  
British government (G-8) plan to play down Fukushima - work behind scenes with multinational companies: EDF Energy, Areva, Westinghouse- hide truth to prevent incident undermining public support for nuclear power

12:03 PM May 31, 2012 | 29  
-3470- Stanford Publication: Were TV experts paid to say Fukushima Daiichi had a small leak when it was the largest in the world?

covered and recovered with plutonium fallout practically, forever. Screw the athletes. Screw the spectators. Screw Gaia. So, with the exception of building the amusement park, that's what they did.

### Review of the literature

Exhibit No. 20

01:04 PM May 12, 2015 | 219

#### Birds blind - unable to fly

-8631- Fukushima: Mutations have begun; birds blind, unable to fly 4 years after Fukushima - with mutations in contaminated areas (VIDEO)

11:38 AM Feb 21, 2015 | 140

#### Lesions prevent birds from eating, breathing

-8572- California coast: Epidemic; mass die-off; lesions prevent birds from eating, breathing (PHOTOS)



## 23. Edo does himself – at war with the earth and sky and water

Japan's prime minister blamed the nuclear catastrophe on America for blacking out those portions of the GE Mark 1 nuclear reactor operations manual warning of the design flaws inherent in the GE Mark 1. He swore the U.S. told him to dump waste into the sea, bury it, and burn it up into the sky.

After three of six reactors melted down on day 1, the melt-downs were denied by TEPCO<sup>a</sup> for months; *the Japanese population kept smiling*. Yakuza gangsters supplied drunks and homeless to work in the reactors, and mentally infirm to whom they issued no protective gear and deducted for room and board until all wages were taken ...because sane and sober people refused to work there. It was an instant ticket to death. *The Japanese population kept smiling*.

07:47 AM Jun 8, 2016 | 89

-8820- Spike in number of U.S. sailors dying after Fukushima radiation exposure - 400 vets suffer (VIDEOS)

07:50 PM Feb 3, 2014 | 30

-7045- Former Japan Prime Minister: Seals, polar bears die after Fukushima radiation exposure (VIDEO)

05:10 PM Dec 21, 2013 | 161

-6838- Prime Minister's Wife: Fukushima calamity beyond people's assumptions - try to get people 55 & older to work on reactors

03:01 PM Sep 14, 2013 | 24

-6369- Japan Olympics speech 'backfires' - credibility of prime minister message shaky; no contaminated water 'control'

<sup>a</sup> Tokyo Electric Power Company



02:32 PM Aug 2, 2013 | 44

-6101- Japan Deputy Prime Minister talks about learning from the Nazis - Previously said to let elderly people hurry up and die (VIDEO)

09:18 PM Jun 11, 2013 | 27

-5947- Wife of Japan Pro-Nuke Prime Minister opposed to nuclear power - heart aches to see him sell nuclear power overseas

07:07 PM Sep 22, 2011 | 15

-1400- Drunk fishermen ram atomic sub, damaging hull - reactors for Nigeria, UAE, Pakistan

04:28 PM Dec 31, 2012 | 65

-5057- Prime Minister: Japan will build more nuke plants

01:20 PM Jul 13, 2012 | 75

-3780- Fukushima hospital worker: 5 of 7 babies were born with birth defects, Down's syndrome, or lost by miscarriage

01:13 PM Jun 29, 2012 | 28

-3678- Tokyo: 165,000 protest (VIDEO)

11:56 AM Jun 29, 2012 | 31

-3677- 200,000 line Tokyo streets (PHOTOS & VIDEOS) - workers, moms w/kids, seniors, Buddhist priests - armored vehicles barricade Prime Minister's residence

01:39 AM Jun 16, 2012 | 118

-3594- Japan Prime Minister orders restart of nuclear reactors under 'intense pressure' from banks - Protests as 70% of public opposed

02:55 AM Apr 16, 2012 | 9

-3084- Refrain from saying things that may weaken TEPCO -Prime Minister Noda, Mar 2011

01:30 AM Apr 13, 2012 | 4

-3068- Gov't propaganda, cover-up of danger to Japanese people (VIDEO)

09:59 AM Mar 1, 2012 | 85

-2726- Prime Minister fears Japan to come under control of international community after meltdowns

07:18 PM Jun 11, 2011 | 74

-708- Fukushima health study: 100 mSv/yr okay for pregnant moms - Effects of radiation do not come to happy people - they come to weak-spirited people - Soviets required Chernobyl evacuation at 5 millisieverts.

01:43 PM Nov 9, 2012 | 23 -

-4728- Photos: Smiling mascot asks Fukushima kids to gargle to 'stay safe' - radioactive sparkles on happy children

07:00 PM May 27, 2011 | 68

-605- Tokyo off limits? - gov't doesn't tell truth - people are happy-go-lucky

11:53 AM Dec 25, 2012 | 15

-5023- Radiation fears keep Fukushima kids inside - Adults break down in tears when seeing children forced to play at indoor 'smile parks'

04:52 AM Jun 11, 2011 | 17

-700- Prime Minister ex-adviser: Gov't worsens radiation exposure - thyroid cancer expected in children from Fukushima and nearby prefectures

04:26 PM May 23, 2011 | 68

-571- UN: Fukushima radiation impact - We wouldn't expect to see health effects in children, workers, or anyone else

08:54 PM May 16, 2011 | 131

-517- Obama administration urges Japan government to prevent a further decline in TEPCO stock

06:07 PM May 1, 2011 | 82

-417- Japan to study setting up alternative capital away from Tokyo

04:14 AM Mar 29, 2011 | 3

-163- Swedish embassy tells citizens begin taking iodide tablets if within 150 miles of Fukushima

02:50 AM Mar 29, 2011 | 4

-162- China rejects ship from Calif with radiation - had stopped in Tokyo

07:39 PM Mar 28, 2011 | 19

-161- Seattle: 5 types of nuclear fallout from Fukushima found: Iodine-131, 132,

tellurium-132, cesium-134, 137  
<http://arxiv.org/abs/1103.4853>

Sep 25, 2012 Nikkei, EXSKF:

U.S. urges Japanese government to reconsider policy of zero nukes in 2030s, part of the energy and environmental strategy of the Noda administration, as President Obama wishes it.

According to the multiple government sources, as the Noda administration was moving in August toward explicitly putting down zero nuke in the official document, the U.S. strongly requested that Japan reconsider the zero nuke policy, saying the request was the result of discussion at the highest level of the government, indicating it was Obama administration's consensus, from the president on down.

On September 8, Prime Minister Yoshihiko Noda met with the US Secretary of State Clinton during the APEC meeting in Vladivostok in Russia. Here again, representing the US president, Secretary Clinton expressed concern. While avoiding the overt criticism of the Noda administration's policy, she further pressured Japan by stressing that it was President Obama and the US Congress who were concerned.

(According to Former Deputy Energy Secretary Martin), the U.S. Government thinks the U.S. energy strategy would be likely to suffer direct damage from Japan's policy change toward zero nuclear energy.

10:26 PM Nov 7, 2012 | 25 -

-4713- Fukushima - Metal boxes in monitors block radioactivity - hundreds of locations, multiple prefectures affected; radiation 'underreported'

09:57 AM Jul 3, 2015 | 359

-8671- Japan: Gangsters round up homeless men to clean up Fukushima radiation; (includes historical use of women and minorities for most dangerous jobs)

08:45 AM Jan 31, 2013 | 6

-5245- Gangsters cashing in on Fukushima disaster - Involved in disposal of waste

09:41 AM Dec 31, 2013 | 71

-6871- Forbes: Homeless people sold to companies and put to work on Fukushima radiation - Gov't-funded shelter supplying gangsters with workers (VIDEOS)

06:18 PM Mar 19, 2014 | 124

-8107- Japan: 800 people disappear from plant - killed or died at work? Gov't in business w/Yakuza (AUDIO)

09:08 PM Jan 20, 2014 | 78

-6949- Nuclear workers stripped naked, soaked in sweat - gasp for air - living dead - my teeth start breaking off, bit by bit - I don't have any upper teeth now - my hair fell out - people bleed from gums, ears, nose - get violently sick - suffer from diarrhea right after exposure - damage to testes and eyes common - chronic anemia, tumors of skin, thyroid, bone, larynx, pharynx and lung, low immunity, infection, aging, depression, anxiety, lethargy; and, in hands of Yakuza (VIDEO)

06:57 PM Oct 29, 2013 | 12

-6617- Officials admit to 'shortage of workers' at Fukushima - TEPCO promises 'additional efforts' to get more - BBC reveals homeless people cleaning reactors and modern slavery in Japan nuclear industry... exactly 14 years ago

### **Men picked up in slums of Tokyo to go work at nuclear plants**

08:37 PM Jan 19, 2014 |

-6942- 20-year-old film foreshadows Fukushima: Men picked up in slums of Tokyo to work at nuclear plants - Many become ill with radiation sickness - Too frightened to speak out (VIDEO)

09:56 AM Jan 14, 2014 | 71

-6918- Sick Worker: TEPCO God - we are slaves - Employees beaten, death threats for speaking out (VIDEO)

09:23 PM Dec 29, 2013 | 271

-6864- Homeless taken to work in Fukushima, ready to die - At end of month, they're left with no pay - Police: They end up in debt to employers after food and housing fees deducted (VIDEO)

### **Disposable people**

05:42 PM Nov 21, 2013 | 59

-6724- Mentally disabled working at Fukushima Daiichi - many forced to go to plant - homeless treated like disposable people (VIDEO)

08:28 AM Oct 31, 2013 | 48

-6625- Anonymous Fukushima Workers: We dumped untested water last typhoon, could be criminal - 'Landmines' of extremely high radiation at many locations - Very worrying that I'm getting sick more now - Site full of yakuza & rank amateurs

Job ads promising lucrative wages failed to mention where the job was located. New hires didn't know they would be scrubbing down contaminated facilities and sites and landscapes. There was no need to train them. It was made clear to people 60 or over, they were kamikaze and being *old* were, therefore, expendable. Drunks with the shakes and DT's working in the lethal plants, hurrying back from buying liquor onsite, struggled to remove damaged fuel rods from the reactors, where one false move bumping together two fuel rods could result in an explosion.

Japan passed a secrecy law making it illegal for journalists to *force* an opinion upon anyone or to otherwise threaten the State. Words like, 'meltdown', were censored and not allowed to be spoken by the press. Doctors were told not do any thyroid tests on children, because it would give people the wrong idea, by suggesting there were any health consequences to the three meltdowns that never happened. If doctors mentioned the word, 'radiation', in any of their diagnostic reports, the State would not pay the bills. Doctors and nurses were forbidden to talk about ... or even keep records of ... mutated fetuses being aborted at increasing rates, and more and more children delivered with extra fingers, toes, arms, legs and heads, termed, '*inconvenient*' births.

### ***What? Me worry?***

Eventually, people were required to move back into the forbidden zones from which they'd been evacuated in order to continue receiving monthly checks from the government. It was of no concern the forbidden zones were more contaminated after they were decontaminated than before ...re-contaminated as radionuclides continually rained, washed, or blew down from the mountains, practically forever. Hundreds of thousands of giant bags of contaminated dirt and debris line the countryside and beaches, waiting for next tsunami to strike.

Unspoken, plutonium dust covered the forbidden zones, and 150 miles away covered Tokyo, too ...everyone lived in dangerously radioactive homes, kids played in ubiquitous plutonium dust sterilizing their reproductive organs, went to radioactive schools and ate radioactive food grown locally in radioactive dirt, smiling away their radioactive Time to keep healthy. Kids and adults alike were told their nosebleeds and rashes and constant coughs and continual vomiting and diarrhea for weeks and months were from 'bad nerves'. They were ridiculed by doctors, nurses and friends for even mentioning the word, 'radiation', or 'radiation sickness'. After that came pneumonia, heart attacks, thyroid disease, and cancers of the liver, eye, breast, prostate and other organs, bone and brain, and melanoma.

*This plutonium dust awaits the 2020 Olympians, and their audience. Could she augur their Fate? Can you?*

Hillary didn't have to tell Obama everything, did she?

Or, if she did, he wouldn't have to tell us ...did he?

Besides, what the Democrats and Republicans and especially the 'Deplorables' didn't know, wouldn't hurt her ...would it? It would hurt them. She was taking precautions. After all, the U.S. was censoring the danger, too, in our homeland.

Japan learned well from CIA: deny everything. Japan imported an idiot professor from the USA preaching nuclear fallout is good for you. The Republican Party chair in Oregon is not stupid and follows suit. He wants to drop nuclear waste from airplanes to improve the health of Oregonians, and spread it throughout the water supplies to improve our immune responses. The nuclear power industry is chanting a smothering chorus in unison around the world: '*Nuclear power is safe and clean and green.*'

<>

[Author's note: Lord of Hosts, *all* the nuclear plants are fatally leaking (legislatively permitted levels of) tritium *in addition* to accidental leaks. The nuclear dumps are blowing up. The nuclear power sites are brittle with age and can shatter like glass at any moment.

[Some Christians steeped in faith *believe* this is the end time fulfillment of Biblical prophecy, that two-thirds of the fish of the sea will die and earthquakes and volcanoes and meteors and floods and world wars will consume the Earth and most of mankind, followed by 1,000 years of peace.

[On the other hand... could Trump make this the first decade of 1,000 years of peace? Can Trump eliminate nuclear power plants because they are too expensive, and instead use alternative power, that is much cheaper? Providing jobs and prosperity along the way.]

## 24. Smokescreen<sup>a</sup>

### ***Thoughts from Arnie Gundersen***

In the next 10 years, as many as 30 nuclear power plants are going to shut down because they just don't make economic sense. What are we going to do with them? There's no real plan to protect the community.

### ***Smokescreen***

Nuclear power is not cost efficient. Renewables are much more cost efficient and can be built in a much shorter time span than nuclear can. Here's a summary by Fairewinds.org from November 16, 2016, of the work of ten researchers over 18 months, from the Fairewinds two-minute, short animation, *Smokescreen*:

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<sup>a</sup> <http://www.fairewinds.org/nuclear-energy-education//smokescreen>

In 2015, human activity released 35,810 million tons of CO<sub>2</sub> into the atmosphere. In order to avoid catastrophic climate change, this number must quickly be reduced (to 22,000 million tons). Currently, our CO<sub>2</sub> production grows by 2% every year (730 million tons) as people worldwide seek a more affluent lifestyle.

The World Nuclear Association (WNA) has a plan to solve this problem: building 1,000 new nuclear reactors before the year 2050.

That means we would need to build a nuclear power plant every 12 days for the next 33 years.

Our existing reactors (438) offset only 3 percent of global emissions.<sup>a</sup> Every time a new reactor goes online, our carbon footprint goes down slightly, and only by 7/1,000 of 1 percent.

Along the way, outdated reactors must be decommissioned; the deadly waste must be tended in perpetuity; and each new reactor built will increase the probability of atomic disaster somewhere in the world. Constructing this infrastructure will cost \$8.2 trillion dollars (\$8,200,000,000,000). Even after spending all this money and waiting all this time, by the year 2050, these new reactors will have offset only 3.9 GT<sup>b</sup> of CO<sub>2</sub>, which is less than 10% (9.3%) of the reduction we will need.

The nuclear industry touts CO<sub>2</sub> reduction to 'green-wash' its agenda.

For the nuclear industry, being paid \$8.2 trillion dollars over 33 years is good business. For humanity, it is an opportunity lost - precious time and money wasted on the wrong thing.

If we follow the World Nuclear Association, another generation will pass and climate change will only get worse. We already have clean, cheap, and timely ways to reduce CO<sub>2</sub> emissions, and nuclear power is not one of them. The nuclear energy solution to climate change is a smokescreen.

## **25. *Passover: Nuclear power is not safe and clean***

### **Yes, we have no Obama, (we have tritium)**

*When Fukushima fallout clouds like the Angel of Death passed over from Japan to North America not one safety alert was given nor a single safety measure taken for the general population of the United States. But, DNC and RNC secretly used emergency radiation testing at the Democrat and Republican national conventions for seafood, meat, vegetables, milk and water.<sup>5</sup>*

*On Election Day 2011 as votes were being counted, Helen Caldicott was live on TV saying half of Japan is contaminated with radionuclides, and news about*

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<sup>a</sup> [(1,183 million tons of CO<sub>2</sub> or 3.3%) 1.18Gt/35.81Gt]

<sup>b</sup> GT: Gigaton



*Fukushima Dai-ichi is censored. The program is interrupted with an announcement: Barack Obama is re-elected.*<sup>6</sup>

*Obama says there is no danger here in the United States.*

-8489- Emergency radiation testing used at Democrat and Republican conventions after Fukushima; Also for 2<sup>nd</sup> Obama inauguration - Seafood, meat, vegetables, milk, water checked for nuclear waste, while top officials agree to publicly downplay crisis - 80% of milk samples by Orlando, FL had significant Cs-137

04:55 AM Nov 7, 2012 | 69 -

-4708- Caldicott Live on TV as U.S. Election Called: About half of Japan is

contaminated - Huge censorship on what's happening with Fukushima... Host interrupts to say Obama re-elected (VIDEO)

03:06 PM Dec 18, 2013 | 142

-6824- CBS promotes Fukushima-area seafood; Better if allowed to contain more radioactive waste? - CBS to U.S.: Best way for NRC to calm Americans' nuclear anxiety is to be interviewed by '60 Minutes'

### **Yes, we have no cheeseburgers and friez<sup>a</sup>**

*PBS Frontline cheerleader Miles O'Brien tells democrats and republicans and independents alike: 'Cheeseburgers and fries are a much bigger risk to our health than cesium'. Canadian Broadcasting Company's CBC News, says, 'Potato chips are more dangerous to us than radiation from Fukushima'.*

*Woods Hole Oceanographic Institution in British Columbia says it's less than a dental x-ray. The United Nations Scientific Committee on the Effects of Atomic Radiation said, 'Early reports conducted noted an increase of precancerous thyroid lesions in people living in affected areas in Japan; but, the increase in the number of nodules found was due to increased screening.*

### **Apologist propaganda picnic**

#### **Cheeseburgers & fries**

08:09 PM Jan 18, 2012 | 47

-2306- Cheeseburgers and fries a bigger risk to our health than cesium<sup>b</sup> - Japan 20 milliSv/yr for evacuation extremely low (4x higher than Chernobyl)

#### **Potato chips**

04:40 PM Jun 7, 2014 | 169

-8271- Senior Scientist: U.S. West Coast had radiation dose estimated at 5 microsieverts from Fukushima; I'm not going to say it's low risk of health effects - not zero - CBC: There's more radiation in potato chips than fish around Fukushima plant; there's nothing to fear on West Coast (VIDEO)

#### **Bananas**

10:13 AM Apr 17, 2014 | 128

-8173- L.A. News Outlet: Fukushima plume to sink fishing industry? ...Los Angeles newspapers warn readers to avoid eating locally-caught fish - Homeland Security Center dir: banana has 100x more radiation (VIDEO)

#### **Bananas, more**

12:19 PM Jan 23, 2014 | 109

-6962- Alaska refuses to test radiation levels in fish, says banana is riskier...and who doesn't love bananas? - Officials: forecast to hit U.S. now; people concerned; need monitoring

### **Yes, we have no bananas**

03:05 PM Jan 7, 2014 | 193

-6893- CBS: Health officials are investigating radiation levels along coast

<sup>a</sup> *Friez* is an intentional spelling

<sup>b</sup> PBS Frontline Miles O'Brien: Cheeseburgers and fries a much bigger risk to our health than cesium

near San Francisco after finding higher than typical readings - UC Berkeley Professor: Absolutely no correlation with nuclear disaster; compares eating banana to drinking water from Fukushima plant (VIDEO)

12:38 PM Jan 7, 2014 | 426  
Fukushima cancer risk not as serious as thought, UN says - radiation fish caught off Japan lower than acceptable levels, UN scientific report says

04:31 PM Aug 18, 2013 | 125  
-6202- Chairman of Oregon Republican Party suggests dropping nuclear waste from airplanes for health benefits & put California San Onofre radionuclides into Oregon drinking water

**Under 100 milliSv/yr safe**

11:29 AM May 16, 2014  
-2472- Propaganda on local TV news near troubled Calif. nuclear plant - Bananas, sleeping next to someone, granite, under 100 milliSv/yr safe

In contrast to the apologist misinformation, disinformation and propaganda designed to boost corporate profits and insure the corporation instead of protecting the public health, ( above), is the hard truth of the matter, (below).

**Truth**

**Health damage from under 20 milliSv**

05:44 AM Feb 3, 2012 | 49  
-2469- 70,000 reports of suspected health damage every year among German nuclear workers exposed to less than 20 milliSv

07:31 AM Jan 18, 2012 | 53  
-2299- Fukushima risk underestimated - 5% of young girls will get cancer living in 20 milliSv/y for 5 years - worse - hot particles

not included - counts cancer, only, not other diseases (VIDEO)

12:38 PM Jan 7, 2014 | 426  
-6892- Secrecy agreement between Fukushima and IAEA revealed by Tokyo newspaper - IAEA hid health effects in Chernobyl - same thing could happen

06:41 PM Jan 19, 2012 | 101  
-2317- 20,000 excess U.S. deaths after Fukushima, not 14,000? ... looks at age groups, cities

**Yes, we have no bananaz**

The Director of U.S. Homeland Security said, 'Bananas are more dangerous'. The Alaska Department of Environmental Conservation agreed and refused to test.

Edward Morse, professor of nuclear engineering at University of California Berkeley, said, 'Nobody is exposed to any dangerous levels of anything. If an individual were to regularly drink water from the outer harbor around Fukushima for a full year the radiation exposure would be equivalent to flying in an airplane for a few hours. And: a single banana naturally contains higher rates of radioactivity than a roughly equivalent amount of that contaminated harbor water next to the stricken Fukushima nuclear power plant.'

**Fake news: Sleeping by someone more radioactive than ingesting Fukushima fallout radionuclides -- not**

Local TV news near a leaking California nuclear plant included bananas, granite, and sleeping next to someone ... were all more dangerous than

breathing, eating, touching or being next to radionuclides ...insisting that exposure under 100 milliSv/yr was safe.

They don't appear to know about 70,000 reports of suspected health damage every year among German nuclear workers exposed to less than 20 milliSv each year ...but you do.

Then Chairman of the Oregon Republican Party wanted to drop nuclear waste from airplanes over Portland for health benefits and to take radionuclides from California's San Onofre facility and put them into Portland Oregon (un-fluoridated) drinking water. Weird-o.

### **Portland (Oregon)**

Portland (Oregon) is cited as having the most Fukushima fallout in the United States, as much as countryside beside Fukushima. But, so is Denver. And, so is Florida. An organic farm closes in southeast Portland because the soil is contaminated from Fukushima fallout. Infant mortality rates double in Seattle and Vancouver, British Columbia and water aquifers crossing down into Seattle are now permanently unsafe to drink, at least for the next several thousand years. Milk in San Francisco Bay Area, Denver, Texas, Florida, and across the country exceeds EPA radionuclide safety levels. Epidemiologists measure 14,000, then 20,000 excess deaths across the U.S.A. from Fukushima fallout, and predict 1,000,000 cancers in Japan.

### **From Alaska to Mexico**

And from Alaska to Mexico, thousands of whales, dolphins, seals, sea lions, fish, starfish, tuna, salmon, are riddled with lesions, suspended dead or dying beneath the surface of the water or washing up in death throes in the surf onto the shorelines, pressed into the sand in a death mask.

### **Review of the literature**

Exhibit No. 21

10:03 AM Jun 18, 2011 | 19

-771- Pasture grass contaminated with cesium above safety standard 200 km from

Fukushima plant - Radiation levels over safety limits in many locations

Equally horrific, the skin is falling off horses in Northern California just like it is falling off seals offshore ...and the horses and seals are covered with lesions and tumors ... both are mammals ... as are the people in Japan ...all mammals suffering the same Fukushima radiation sickness, illnesses, cancers, fetal mutations, stillbirths and unbridled anguish.

### ***There is no danger here in the United States***

*There is no danger here in the United States.*

Suddenly, rising up from the grave, unburied epidemiological reports appear that document prior nuclear testing killed 60,000,000 people worldwide and caused 120,000,000 cases of cancer. Plus a few million more dead fetuses and stillbirths, give or take several hundred thousand baby souls.

Faced with the West Coast covered in actively hot contamination not to mention Pacific Northwest mountain ranges and the rest of the country, mainstream scientists race to say, *'It's not from Fukushima, it's simply residual from prior nuclear tests'*. Fukushima fallout has unique identifiers, proving them wrong. But, they slipped up: ubiquitous residual radiation from prior testing still contaminating our food and water supply and spiking our cancer rates daily is supposed to be a *secret*. As are all the studies that show increased infant mortality rates after every nuclear test for 75 years. The rise in Swedish cancer rates allegedly parallel the rise in nuclear testing, (allegedly no other country has publicly available records from 1950 to date).

### **Women and girls more likely to get cancer than males from exposure to radionuclides**

New reports emerge documenting women and girls are more likely to get cancer than males from exposure to radionuclides. Risk of cancer skyrockets for those living within 25 miles of a nuclear power plant. You can bet on it.

### **2020 Japan Olympic sites permanently covered and re-covered with plutonium dust**

That sites for the 2020 Japan Olympics are now permanently covered and recovered with plutonium dust is reported once on an obscure website or two. Japan hurries to classify ongoing readings as 'background' radiation. Canada raises the legal limits of radionuclides in bottled water. The U.S. follows suit, with legislation poised to raise radionuclide limits in food, as well.

### **Axelrod**

At Obama's second Inauguration, seafood, meat, vegetables, milk and water were again checked for Fukushima nuclear waste.

Top officials agreed to publicly downplay the crises.<sup>a</sup>

*Obama says there is no danger here in the United States ...why?* Obama's chief political strategist, David Axelrod, worked for Exelon, the largest nuclear plant owner in the U.S., planning strategic public affairs.

### **Rowe**

John W. Rowe, chairman of Exelon, a classmate of Michele Obama at University of Chicago is also chairman of the Nuclear Energy Institute, a nuclear power lobby in Washington D.C. and an Obama campaign donor. Since 2003, executives and employees of Exelon, which is based in Illinois, have contributed at least \$227,000 to Mr. Obama's campaigns for the United States Senate and for president. Two top Exelon officials, Frank M. Clark, executive vice president, and John W. Rogers Jr., a director, are among his largest fund-raisers.<sup>b</sup>

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<sup>a</sup> <http://solarimg.org/?p=1722>

<sup>b</sup> Nuclear Leaks and Response Tested Obama in Senate, *New York Times*, Feb. 3, 2008

According to a *NYT* article,

When Japan's Fukushima accident prompted a review of safety at United States nuclear power plants, Exelon had an obvious stake in the outcome. Mr. Rowe was the only utility industry executive serving on a commission appointed by Mr. Obama in 2010 that made recommendations based on the accident and concluded in January that nuclear waste stored in pools of water — as they were in Japan — present “no unmanageable safety or security risks.” ... Since the accident, Exelon has managed to minimize how much it must spend to address safety concerns at its plants, including its eight General Electric boiling water reactors — the same models as those at Fukushima.

That article appears incredulous, because all 23 of the GE Mark I series reactors in the U.S. all have the same design flaws as ten of the same models used in Japan, including five of the six reactors at Fukushima that under certain circumstances makes it impossible to cool the reactors, causing explosions, breach of containment and uncontrolled release of radionuclides.

### **Lawsuits**

Every Mark I in the U.S. has quietly settled lawsuits because of its flawed design and inherent vulnerability. And, the pools the nuclear waste are stored in sit on top of the reactor buildings, so when the reactors blow up, so do the storage pools.

Besides, GE and the U.S. Government knew of the design flaws in its reactors,<sup>a</sup> considered by experts as ticking nuclear time-bombs and tragedies waiting to happen.<sup>b</sup>

GE says, ‘There are another 32 BWR Mark 1 reactors operating as designed worldwide’.<sup>c</sup>

How many are shut down, and shut down they are equally dangerous. For example, in Hanford when lambs were born without faces or mouths and legs joined in pairs that Mark 1 was shut down. But today, in the tri-county area around the Hanford site waste pools, children are still being born without brains and are still buried together in baby cemeteries say local morticians, just like when the Mark 1 was up and running.

12:43 PM Nov 29, 2011 | 64  
-1879- 2008: Obama chief political strategist David Axelrod worked for Exelon, largest nuclear plant owner in U.S. - NEI chairman is Obama donor

Nuclear Leaks and Response Tested Obama in Senate, *New York Times*, Feb. 3, 2008

Real cause of nuclear crisis, Japan Times (abridged translation of an article from the December issue of *Sentaku*), Dec. 12, 2011 *Atsuo Watanabe, former*

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<sup>a</sup> [www.nytimes.com/2011/03/16/world/asia/16contain.html](http://www.nytimes.com/2011/03/16/world/asia/16contain.html)

<sup>b</sup> *ibid*

<sup>c</sup> [http://investigations.nbcnews.com/\\_news/2011/03/13/6256121-general-electric-designed-reactors-in-fukushima-have-23-sisters-in-us](http://investigations.nbcnews.com/_news/2011/03/13/6256121-general-electric-designed-reactors-in-fukushima-have-23-sisters-in-us)



designer of containment vessels at  
Toshiba Corp.

## 26. Nuclear industry captures NRC

Arnie Gundersen: The NRC is responsible, first and foremost, for public protection ...that's not the way it works out in reality, though. The nuclear industry captured NRC and uses its own laws, against it. The industry helps NRC write the laws ... basically they've lassoed NRC so it's unable to protect the public health and welfare ...and, in fact, does just the opposite. It really is designed (now) to protect the nuclear industry from the public.<sup>a</sup>

### Review of the literature

Exhibit No. 22 [http://investigations.nbcnews.com/\\_news/2011/03/13/6256121-general-electric-designed-reactors-in-fukushima-have-23-sisters-in-us](http://investigations.nbcnews.com/_news/2011/03/13/6256121-general-electric-designed-reactors-in-fukushima-have-23-sisters-in-us)

According to General Electric: ...23 of the 104 nuclear plants in the U.S. are GE boiling-water reactors with GE's Mark I systems for containing radioactivity, the same containment system used by the reactors in trouble at the Fukushima Dai-ichi plant.

The U.S. reactors are in Alabama, Georgia, Illinois, Iowa, Massachusetts, Michigan, Minnesota, Nebraska, New Jersey, New York, North Carolina, Pennsylvania and Vermont.

In addition, 12 reactors in the U.S. have the later Mark II or Mark III containment system from GE. These 12 are in Illinois, Louisiana, Mississippi, New York, Ohio, Pennsylvania and Washington State.

#### **GE parent company of msnbc.com thru 49 percent stake in NBC-Universal -- NBC-Universal, Microsoft equal partners in msnbc.com**

General Electric is a parent company of msnbc.com through GE's 49 percent stake in NBC-Universal. NBC-Universal and Microsoft are equal partners in msnbc.com.

Since 2003, executives and employees of Exelon, based in Illinois, contributed \$227,000 to Mr. Obama's campaigns for United States Senate and president. Two top Exelon officials, Frank M. Clark, exec vice president, and John W. Rogers Jr., dir., are among his largest fundraisers.<sup>b</sup>

#### **The incredulity of Exelon**

The incredulity of Exelon was demonstrated again when the board of directors waited four years to announce there had been many secreted leaks at its Braidwood facility:

Exelon and Illinois state officials waited for four years until 2006 before disclosing that Exelon's Braidwood Nuclear Generating Station, a nuclear plant 60 miles southeast of Chicago, spilled millions of gallons of water containing tritium, a radioactive form of hydrogen, multiple times over a decade. Exelon officials eventually apologized. And, said the risks from the leak were 'minimal', with tritium levels in surrounding wells all found to be below regulatory limits.<sup>c</sup>

12:43 PM Nov 29, 2011 | 64

<sup>a</sup> <http://www.fairewinds.org/nuclear-energy-education/let-games-begin>

<sup>b</sup> Nuclear Leaks and Response Tested Obama in Senate, *New York Times*, Feb. 3, 2008

<sup>c</sup> Chicago Tribune via Wikipedia

-1879- 2008: Obama chief political strategist  
David Axelrod worked for Exelon, largest

nuclear plant owner in U.S. - NEI chairman  
is Obama donor

# 27. Fukushima does Portland, OR

## Two-headed kittens for fun and profit

*[Editor's note: Oregon had its first two-headed kitten born in 2013. If you look on the rear cover of this book you will find it, along with two-headed mammals, including people and whales (the picture of the two-headed dolphin is omitted in this edition.)]*

Portland Oregon is weird. Just ask it. Like San Francisco used to be, 35 years ago. But they don't know that. Oregon is the only un-fluoridated State in the U.S. ...citizens repeatedly vote to keep fluoride out of drinking water and keep it pure,<sup>a</sup> based on new scientific research that fluoride reduces I.Q. in children and causes dementia in seniors ...with all the pro and con documentation included in their voter handbook. Some weirdo's document that fluoride calcifies your pineal gland, or 'third eye', the seat of your foresight, hindsight, imagination, dreams, intuition, simply seeing beyond normal sight ...after all, the pineal gland has rods and cones like your other two eyes ...say it isn't so.

And, weird again, that Portland demonstrated in the street in support of the Occupy movement<sup>b</sup> against central bank social injustice. And, Portland held pro-Hillary, anti-Trump protest demonstrations.<sup>c</sup>

But what's really weird, is Portland doesn't know an organic farm in southeast Portland closed down because it was *permanently* contaminated from nuclear raindown ...it could no longer grow food safe to eat, ever again. Nor, that Portland had/has the most rainthru of Fukushima radionuclide fallout in the U.S., as much as around Fukushima Dai-Ichi. And the Pacific Cascades, even more.

And just as in Seattle folks did not know, and still do not know, they breathed in hot particles daily that increase nose bleeds and asthma and pneumonia then lodge in the lungs and cause lung cancer, we here in Portland did not know we breathed hot particles in, too.

Not a peep from the people of Portlandia, news or city commissioners ...nothing. Not even from Obama, Hillary or Trump when auguring for the inauguration. Not a single word.

Third eye or not.

That's weird.

Portland Oregon had the same amount of airborne Fukushima fallout as towns neighboring the Fukushima Dai-ichi nuclear power complex. Portland

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<sup>a</sup> [http://www.oregonlive.com/portland/index.ssf/2013/05/portland\\_fluoride\\_for\\_the\\_four.html](http://www.oregonlive.com/portland/index.ssf/2013/05/portland_fluoride_for_the_four.html)

<sup>b</sup> [https://en.wikipedia.org/wiki/Occupy\\_Portland](https://en.wikipedia.org/wiki/Occupy_Portland)

<sup>c</sup> [http://www.oregonlive.com/portland/index.ssf/2016/11/portland\\_students\\_to\\_rally\\_mar.html](http://www.oregonlive.com/portland/index.ssf/2016/11/portland_students_to_rally_mar.html)

was cited as having the most radionuclides from Fukushima in the whole United States. But, so was Denver. And, so was Florida.

That was because the headlines followed behind the lethal clouds from day to day, week to week, month to month and year to year as airborne radionuclides continue to circle the Earth every 40 days. Seaborne radionuclides continue to pour out of Japan ...and will, for thousands of years on a daily and hourly and moment by moment basis.

Japan's radionuclide outpouring has become ours.

That outpouring was supercharged following the initial nuclear explosions by the largest storm hitting Japan ever seen by the astronauts in our space station.



11:10 PM Jul 7, 2014 | 252

-8311- Japan on highest alert in decades typhoon - New forecasts show direct hit at Fukushima plant - Official: Extraordinary situation... Grave danger approaching - Record-level winds to 170 mph, waves near 50ft - Military: can't stress enough how dangerous... not just another typhoon - Astronaut: Takes up entire view (PHOTOS)

12:05 AM Mar 26, 2012 | 61

-2922- Fairewinds president: Organic farm in Portland stopped producing food after radiation tests - very frightening what happened on West Coast (VIDEO)

06:34 AM Nov 16, 2011 | 84

-1802- Radiation precautions for areas near Seattle, Vancouver, Portland? Perhaps you need to wash your shoes... and other things (VIDEO) - Gundersen

12:00 AM Nov 1, 2011 | 229

-1658--7024- Researcher: Portland-area top soil with up to 8,000 pCi/kg of

cesium from Fukushima -- 10,000% higher than highest levels found by UC Berkeley - Marco Kaltofen found areas with considerably higher radiocesium deposition than 500 Bq/m<sup>2</sup>

12:00 AM Nov 1, 2011 | 229

-1658- "Portland-area topsoil with up to 8,000 pCi/kg of cesium from Fukushima - Cs-134 and Cs-137 detections in soil"

08:48 AM Feb 23, 2012 | 19

-2672- Portland-area highest Iodine-131 deposition in U.S. at 5,100 Bq/m<sup>2</sup> by April 5 -Gov't Study

12:05 PM Nov 1, 2011 | 21

-1662- Hot particles at 2 out of 3 U.S. monitoring stations in April, including Boston - increase in cancers, especially on West Coast (VIDEO)

<http://www.fairewinds.org/nuclear-energy-education/new-video-of-scientist-kaltofen-presenting-to-american-public-health-association>

"In Seattle we had a two week period where we actually had 4-5 hot particles of radioactive material that was trapped by our quantitative filters in the amount of air that people would breathe in a day."

That, was immediately followed by the largest solar storm erupting from our sun, threatening nuclear power control systems. That, was immediately followed

by more earthquakes. And, that was immediately followed by a nearby volcano erupting. Most of Japan's 64 nuclear reactors sit by or on single or multiple active earthquake faults, beside active volcanoes and tsunami zones.

12:01 PM Aug 7, 2011 | 135

-1111- Solar storms threaten nuke plants: Electric power outages could last for years or decades - Risk significantly outweighs that of major earthquakes

04:26 PM Mar 16, 2013 | 23

-5582- U.S. gov't concerned about solar storms impacting nuclear plants - Core damage at multiple sites discussed

01:01 AM Dec 20, 2013 | 167

-6830- Gundersen: Real apocalyptic thing would be an earthquake at Fukushima - We've got to move quickly on Unit 3, worst structurally - Unit 4 a walk in the park comparatively (AUDIO)

01:33 PM Mar 13, 2013 | 13

-5558- 2 Years ago today: New York Times reports U.S. would be harmed only by 'full meltdown' at Fukushima - Months later it's revealed 'full meltdowns' occurred

-5558.1- NYT: Mar 13, 2011: Officials - unless quake-damaged nuclear plants deteriorate into full meltdown, any radiation to reach the United States will be too weak to do any harm.

-5558.2- CNN: Jun 7, 2011: Japan's Fukushima Daiichi nuclear power plant experienced full meltdowns at three reactors in the wake of an earthquake and tsunami in March, the country's Nuclear

Emergency Response Headquarters said Monday.

05:31 PM Apr 14, 2016 | 799

-8804- Nuclear reactor fears after huge earthquake strikes Japan - Plant operator is further looking into any possible damage - Quake measured at highest possible level on Japan's intensity scale - Prime Minister: We intend to do the utmost to grasp situation - Official: Extent of damage still unclear (VIDEOS)

06:00 PM Mar 1, 2014 | 144

-8051- We knew... and could not prove it (VIDEO); radiation from Japan's Fukushima nuclear plant has now reached the waters off North America's west coast - that's the word from the scientists.

In 2011 a deadly earthquake followed by a tsunami killed 15,000 people and caused Fukushima power plant nuclear reactor to melt down.

We stood in Tokyo, as they said: There is no meltdown, this is not happening- as steam rose from the place. They allowed workers to continue, they allowed residents to stay - and said, No, there's no nuclear meltdown, it's okay.

It's now reached the shores of North America. What a fantastical incredible lie that we knew at the time we were getting, and simply could not prove.

With that, nuclear dumps in the U.S.A. continued leaking, throwing up and blowing up, as the entire nuclear industry infrastructure of about 500 reactors wore out, threw up, became brittle with age from constant electron bombardment and were ready to literally, shatter like a dropped glass.

In the U.S., Fukushima fallout raindown made milk too dangerous to drink, broad-leafed vegetables too dangerous to eat everywhere it rained, doubled infant mortality rates in Seattle and Vancouver B.C.; closed an organic farm in Portland Oregon and blanketed Florida citrus groves.

04:07 PM Jan 29, 2012 | 29

-2410- TMI: Cancer death increase - Infant mortality doubles - birds disappear - mutations (VIDEO)

-742- Spike in U.S. infant mortality 4 mths after Chernobyl - infant deaths result of Fukushima fallout? (VIDEO)

In the 14 weeks following the March 2011 Japan meltdowns, epidemiologists tallied 22,000 excess (otherwise unaccountable) deaths in the U.S. for all ages. This was *missed* in 2016 election campaign speeches, but not in families suffering loss.

Then, epidemiologists and nuclear researchers reported women living within 20 miles of a nuclear facility are more vulnerable to cancer than men; and girls are three times more likely to get cancer from exposure to radionuclides than boys.

Consequently, we concluded females are more susceptible to low immune deficiency and 1,400 resulting illnesses associated with exposure to radionuclide (*ionizing radiation*) fallout, waste, failures and daily releases.

*Ionizing* means invisible electrons being shot non-stop from atoms like machine gun bullets or fireworks shooting through you killing cells and shredding ordained DNA genetic codes and equally holy electro-chemical immune responses.

Being machine-gunned thru and thru with electrons nonstop forever causes abnormal rapid cell growth (tumors) ...or, tears the genetic double-helix spiral so cells cannot reproduce faithfully (mutations); or, until you get tumors and lesions with bacterial and viral infections (cancer) and die.

Or, you produce a human fetus or newborn with extra arms and legs like in Fukushima and Fallujah, brains outside the head in sacks or supersized limbs like in Chernobyl, no brains at all like in Hanford, and cyclopes without faces and mouths like in Kazakhstan, and partially formed skulls, blood disorders, missing eyes or toes, fused fingers and brittle limbs like in India, and cancer clusters, double sets of teeth, missing eyeballs and brain tumors like in Missouri. Apologists refer to this euphemistically as, "*nuclear power is safe and harmless*".

The Obama Administration, and Hillary leading the State Department at the Time looked the other way. Will the Trump Administration wake up to this?

In addition to Fukushima atmospheric releases when three of the six improperly designed GE reactors with built-in predictable failures, with thirty years of fuel rod waste stored on top of them and one illegally producing weapons-grade 'clean-bomb' fuel blew up into the atmosphere, huge containment pools of liquid wastes also stored on their rooves shattered and dispersed and ran into the ocean.

Their nuclear reactor cores melted down into 600 tons of self-feeding molten lava easily burning through an inch or so of cement containers (containment vessels) so far down into the Earth they were never found. To this day, continually contaminating hundreds of tons of water in aquifers flowing into the Pacific Ocean daily the last six years and may continue practically, forever.

Consequently, also *missing* were hundreds of dolphins, whales and hundreds of thousands of seals and sea lions, millions of tuna, salmon, krill,



herring, lobsters, crabs, sea turtles, and pelicans and thousands upon thousands of other sea birds.

All these species hung suspended at varying depths, or lay floating on the sea, dying or dead; or washed up, dying or dead on beaches in Alaska, Canada, Washington, Oregon, California and Mexico. They were covered with lesions and infections, emaciated, starving, starfish were dissolving, tide pools once colorful as rainbows were now devoid of life and gray.

The establishment academic nuclear scientists in large funded by the nuclear power industry, attributes this daily holocaust to *new and mysterious diseases*.

There is never a word mentioned about Fukushima nuclear waste reaching its deadly hand across the Pacific Basin in ocean currents filled with annually migrating mammals and fish; killing all it touched instantly or causing epidemic misery and lingering death.

Behind the scenes of forbidden emails and leaks the Obama Administration instructed Hillary to tell the Japanese government to abandon their plans to be nuclear free by 2030's or it would displease the Administration; told her to tell them to do nothing to cause the share price of TEPCO (Tokyo Electric Power Company) to fall further. Hillary followed Kissinger's advice to tell the Japanese government the U.S. in return would not test for ionizing radiation. Japanese food products coming into the United States ... even though they were (and are) being tested and refused by countries neighboring Japan. [See Chapters 21, 22.]

In those countries are food markets, who as a courtesy to customers installed ionizing radiation measuring devices at their fish, meat and vegetable counters.

Japan's political leaders insist they were following orders from the Obama Administration to dump their nuclear wastes into the ocean and burn it up into the jet streams. But, it was later observed that seaborne radionuclides did not disperse and dilute; on the contrary they drew together. And airborne contaminants covered the Pacific Northwest, contaminated the Pacific Cascades for thousands of years, then continued on to contaminate much of the United States and the rest of the Northern Hemisphere as it circulated and recirculates around the Earth every 40 days and raindown brings it home.

## **Review of the literature**

Exhibit No. 23

10:03 PM May 28, 2012 | 20

-3446- Fukushima radiation still circling globe - Levels consistently rise and fall in 40-day cycle (VIDEO)

09:47 AM Sep 27, 2012 | 36

-4372-Fukushima radioactive plume circles earth every 40 days - fallout shows spikes (VIDEO)

EPA actions for public safety spit into the wind. They issued no warnings. This resulted in Seattle citizens breathing in ten hot particles a day that will produce lung cancer ...because they were neither alerted nor advised to wear fifty-cent masks. Because EPA told no one to take ten-cent iodine pills to avoid absorbing radionuclide iodine, people in the Pacific Northwest, and across the country will get thyroid cancer

Obama said there was no danger, but had his personal and White House and party food and drink tested for Fukushima radiation, then immediately took his family and staffers to South America.

EPA [Editor's note: Actually, it was not EPA, but an aligned entity; the woman who ran that agency and removed the meters was later promoted to run the EPA (the documentation in in the database of 9,000 articles)], permanently removed from several States all ionizing radiation monitors that documented dangerously high readings.

Following Canada's 'safety actions' in raising their acceptable permissible amounts of ionizing radiation in water to dangerous levels, EPA in order 'to protect the public', is pushing legislation to raise our accepted permissible levels of ionizing radiation in drinking water and food to dangerous and threatening levels ...some 1,000 times higher than current safe standards. EPA is totally abandoning rigorously Government-tested traditional safety protocols established in the 1940's.

The same interlocking corporate directorates that own the nuclear power industry also direct the military-industrial complex, W, all Street investment banks, media and Federal Reserve, and according to a study published in 1976 by the U.S. House of Representatives most of the successful businesses in the United States. If that is not sufficiently unnerving, Japan is hosting the 2020 Olympics in sites in and around Tokyo that are, and will remain covered in deadly plutonium dust blowing Eternally down from the mountains. The mountains trapped a lot of the initial airborne contamination. And, they continue to trap radionuclides from hundreds of giant furnaces burning all of Japan's burnable Fukushima radionuclide waste not being dumped into the sea. The whole country of Japan cannot be decontaminated. Areas that were decontaminated simply become re-contaminated again and again.

What about Japan's plans to commercialize fast-breeding reactors?

And Australia's plan to accept shipments from all countries and become the world's nuclear dump because all the dumps in the U.S. are failing, along with the entire dated nuclear infrastructure failing or leaking and nuclear dumps leaking, burning and blowing up?

What is the nuclear energy industry response to all the sickness, suffering and death they are responsible for? ...of course, to build 1,000 more reactors. Bill Gates wants one of his own. China wants 500. Money's talking.

We are underdogs fighting an uphill battle. Not to mention, there were secret Reagan-Bush Administration transfers of technology allowing Japan to amass 70 tons of weapons-grade plutonium illegally produced sitting there onsite that blew up, too.

<> March 2011, the death toll from the Fukushima nuclear energy industry holocaust in Japan, is projected to top 500,000. December 2011, that number is augmented to include 1,000,000 cancers from Fukushima in Japan over the next 20 years ...first thyroid, then lung, organ, brain and leukemia.

*Chernobyl: Consequences of the Catastrophe for People and the Environment*, was written by scientists who used health data from 1986 to 2004, and concluded Chernobyl resulted in 985,000 deaths worldwide from 1986 to 2004.

And, that generally, you can expect 500 percent more cancer fatalities when using MOx (oxygen-enriched uranium-based nuclear fuel), as one of the three reactors that blew up in at Fukushima Dai-ichi, did,<sup>a</sup> (illegally).

-2105- Fairewinds: Hot particles bombarded west coast of U.S. and Canada  
- Contaminated farms-and some food sources in U.S. - Radioactive debris island twice size of Texas crossing Pacific

Mar 20, 2011 - Nuclear engineer: Death toll from Fukushima catastrophe could top 500,000

Food and water poisoned by Japanese nuclear leak as expert warns more could die than in Chernobyl, *Mirror*

-2064- 1,000,000 cancers from Fukushima in Japan over next 20 years  
- First thyroid, then lung, organ, brain, leukemia

Fukushima – Total Cost

*Watch the interview here*

Dec 21, 2011, Gundersen of Fairewinds Associates (a leading nuclear expert)

and Warren Pollock redefine the Fukushima nuclear incidents (meltdowns and explosions) in terms of human and total cost.

Rethinking nuclear power, Jerusalem Post, March 21, 2011

Mar 22, 2011 - Published by the New York Academy of Sciences, [Chernobyl: Consequences of the Catastrophe for People and the Environment](#) was written by scientists who used health data from 1986 to 2004 Scientists: Chernobyl resulted in 985,000 deaths worldwide as of 2004 - 500 percent more cancer fatalities when using MOX

Warning signals, Frontline Magazine (India), March 26, 2011 issue:

### Crimes beyond imagination

“Disasters like this remind us of our common humanity. ... We do not expect harmful levels of radiation to reach the United States. ... There’s no reason for Americans to take precautionary measures beyond staying informed.” -- President Barack Obama, March 19, 2011

Let’s get informed; epidemiologists report there are 20,000 otherwise unaccountable deaths in the U.S. immediately following Fukushima fallout across the United States. Fukushima fallout is estimated as the equivalent of 500 Hiroshima-sized nuclear bombs set off in the atmosphere, and another 500 Hiroshima-sized nuclear bombs set off in the Pacific Ocean. That opens the door to a cache of documentation that counts thousands of otherwise unaccountable deaths after each nuclear test since May 7, 1945. That epidemiological count is worldwide: 60,000,000 deaths plus at least several million fetal deaths, abortions, stillbirths and infant deaths. And, 100,000,000 cancers.

Is the fallout from all those tests is still active and still sickening and killing us? ...practically, forever. Apparently, all mammals (including humans) react the same to nuclear fallout. So, if you’re an animal lover like I am, you can double those numbers. And if you like fish, sea life, butterflies, birds, reptiles,

<sup>a</sup> Warning signals, Frontline Magazine (India), March 26, 2011 issue

insects ...double them again. Even the flowers, trees, grains, plants are affected and mutated by nuclear fallout. Even viruses and bacteria.<sup>a</sup> All living things. Even the water, the air and the soil.

<https://www.whitehouse.gov/blog/2011/03/17/president-obama-we-will-stand-people-japan>

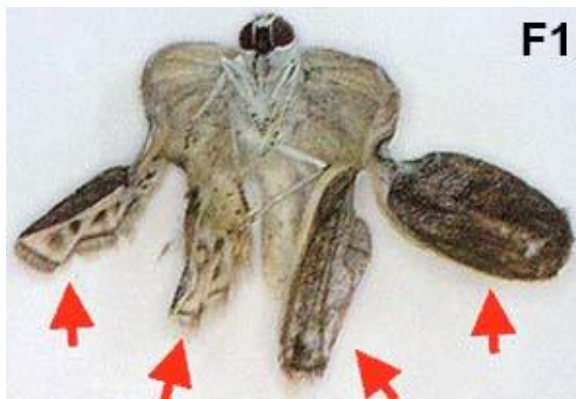
06:41 PM Jan 19, 2012 | 101  
-2317- 20,000 excess U.S. deaths after Fukushima, not 14,000? ... looks at age groups, cities

02:32 AM Mar 13, 2013 | 43  
-5554--8228.2- Japan Professor: I believe airborne release of cesium-137 from Fukushima equals 400 to 500 Hiroshima nuclear bombs - Another 400 to 500 bombs

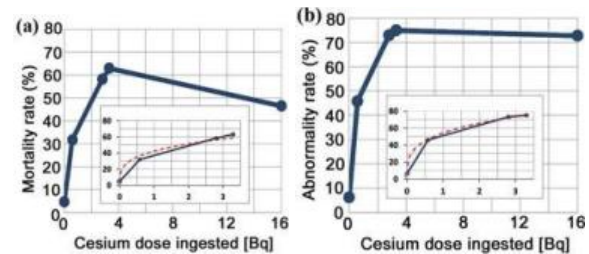
worth has already flowed into Pacific Ocean (VIDEO)

[https://en.wikipedia.org/wiki/Trinity\\_%28nuclear\\_test%29](https://en.wikipedia.org/wiki/Trinity_%28nuclear_test%29)

12:38 PM May 5, 2016  
-8812- 60,000,000 killed by nuclear fallout - 120,000,000 cancers from radioactive releases - doesn't include millions more dead babies and fetuses- - war crime far greater than any in recorded human history (VIDEO)



06:29 PM Sep 23, 2014 | 202  
-8433- Japan nuclear waste poisons - 99% of offspring eating low-level contamination<sup>7</sup> food dies - severe & rare deformities from small rad doses (PHOTOS – see butterfly photos, above)



	Ube	Hirono	Fukushima	Iitate	Iitate
Distance from the NPP [km] <sup>a</sup>	966.0	20.7	61.1	40.0	33.7
Radiation dose ingested per larva [Bq]	0.00038	0.58	2.8	3.3	16
Mortality rate [%]	4.8	31.8	58.3	63.0	46.6
Abnormality rate [%]	6.2	45.9	73.1	75.0	72.8

<sup>a</sup>Location where food (plant material) collected Adapted from Nohara et al. 2014

**Little animals suffer too**

03:14 PM May 15, 2014 | 129  
-8232- Butterflies: Death and mutations increase from exposure to Fukushima fallout<sup>8</sup>; small level of cesium toxic to butterfly populations

-8433.1- also see<sup>9</sup>: Deaths and mutations increased sharply from exposure to Fukushima fallout, especially at low doses - 'Small' levels of cesium may be 'significantly

<sup>a</sup> New York Academy of Sciences, *Chernobyl: Consequences of the Catastrophe for People and the Environment*, written by scientists who used health data from 1986 to 2004. [http://www.strahlentelex.de/Yablokov\\_Chernobyl\\_book.pdf](http://www.strahlentelex.de/Yablokov_Chernobyl_book.pdf)

toxic' - Smithsonian: In other words, things don't look good for the animals living around Fukushima (PHOTOS)

01:01 AM Sep 23, 2014 | 355  
-8432- Gov't Expert: Fallout in California thousands of times higher than expected for

days after Fukushima explosions - Orders of magnitude above estimates at start of crisis - Releases at these levels mean hundreds of kilograms of many other fission products (MAP)

# 28. Hot spots (hot particles)

## Real cause of nuclear crises

[Editor's note: The nuclear meltdowns at Fukushima Dai-ichi were caused by inherent design flaws in the Mark I and II reactors, and because they could not withstand the earthquake, which cracked the cooling systems and containment vessels. They were not caused by the Tsunami; that is a nuclear industry myth ...the reactors were damaged by the earthquake, not by the flooding ...which may, or may not, also have shorted electrical controls. However, the damage to the reactor was already done by the earthquake, before the Tsunami arrived.]

Real cause of nuclear crisis, Japan Times (abridged translation of an article from the December issue of *Sentakū*), Dec. 12, 2011 *Atsuo Watanabe, former designer of containment vessels at Toshiba Corp. (Oct. 26)*

- Most fundamental cause of the Fukushima plant fiasco probably lay in the blind acceptance of the safety standards adopted in the United States
- U.S. did not take into consideration all potential consequences from earthquakes
- Reactors damaged at Fukushima were of the GE Mark 1 type designed and built by General Electric
- In U.S., no need to consider the combination of an earthquake and a loss-of-coolant accident caused by broken piping
- It is reasonable to assume the earthquake and loss of coolant simultaneous at Fukushima No. 1

There are 10 other GE Mark 1 type reactors in Japan

Perhaps it was against such a background that Tepco blacked out crucial matters in the operational manual of the reactor



[Editor's note: There are 23<sup>a</sup> of the same GE Mark 1 type reactors in the United States ...all have allegedly and quietly settled lawsuits out of court because of the built-in design flaws.]

# 29. Atmospheric testing death toll jumps from 1-to-60 million

With low-level exposure added, jumps from 1million to 60 million deaths plus 120 million cancers

## Review of the literature

Exhibit No. 24

Table 14.4 Global consequences of exposures from nuclear project

Effect	ICRP yield	ECRR yield
Cancer death	1,173,606	61,619,512
Cancer total	2,350,000	123,239,024
Infant death	0	1,600,000
Foetal death	0	1,880,000

12:38 PM May 5, 2016

-8812- 60,000,000 killed by nuclear fallout - 120,000,000 cancers from radioactive releases - doesn't include millions more dead babies and fetuses- - war crime far greater than any in recorded human history (VIDEO)

Edited transcript excerpt from the documentary, 'Atomic Wounds' – [see IMDB page (emphasis added): *Starts at 50:00 in*]:

“Since the explosion of the first atomic bomb in 1945, there have been several thousand tests in the atmosphere and underground. Hundreds of supposedly secured nuclear sites are still active; atomic waste they cause disperse daily.

The official number of deaths from cancer due to nuclear activities since 1945, is 1,000,100. Taking into account low level radiation, European researchers have upped this estimate to 61 million. In other words 60x the UN official figure.”

European Committee on Radiation Risk (ECRR's Wikipedia page), 2010 (pdf): *Global consequences of exposures from nuclear project based on UNSCEAR figures up to 1989*. ECRR yield: Cancer death: 61,619,512; Cancer total: 123,239,024. Infant death: 1,600,000. Fetal death: 1,880,000

Latvian Academy of Science, presentation by Prof. Chris Busby of the University of Ulster, 2009 (pdf), excerpted and edited as follows:

<sup>a</sup> [http://investigations.nbcnews.com/\\_news/2011/03/13/6256121-general-electric-designed-reactors-in-fukushima-have-23-sisters-in-us](http://investigations.nbcnews.com/_news/2011/03/13/6256121-general-electric-designed-reactors-in-fukushima-have-23-sisters-in-us)

<sup>b</sup> Correct spelling in U.S. is 'fetal', in Britain and Canada, 'foetal'; referring to the fetus (baby in the womb)

ECRR calculations show that this has resulted in more than 60 million excess cancer deaths worldwide due to exposures up to 1995. The ECRR 2003 model makes clear that contamination of the environment from nuclear discharges comes at a great cost in human suffering ...for those now living ...and, for their descendants.

Prof. Chris Busby, University of Ulster, 2009 (pdf):

The global death yield of the nuclear age to 1992 is horrifying.

According to objective calculations by the European Committee on Radiation Risk: 61 million cancer deaths; 1,600,000 infant deaths; 1,880,000 fetal deaths.

There has been a loss of life quality of 10% (in terms of illnesses and aging effects). The blame for this can be squarely placed at the door of those scientists and administrators (WHO, UNSCEAR, ICRP) who develop and support the scientific risk models. This is a war crime far greater in magnitude than any that has occurred in recorded human history.

# 30.

## Seattle and Portland to avoid lung- & thyroid cancer for 60 cents

### *Coulda, woulda, shoulda ...is CBS fake news?*

Had Obama issued Fukushima fallout 'precautionary measures' to the citizens of Seattle, they could have purchased and worn a 50-cent respiratory mask and avoided breathing 10 hot particles a day which *will* give them lung cancer

And, taken a 10-cent iodine dosage and avoided thyroid cancer. Not to mention the rest of the country, Europe, and Asia ...primarily whenever it rained-down through the Fukushima fallout circling the northern hemisphere every 40 days.

Had Obama issued Fukushima fallout 'precautionary measures' to the citizens of Seattle, they could have purchased and worn a 50-cent respiratory mask and avoided breathing 10 hot particles a day which *will* give them lung cancer.

And, taken a 10-cent iodine dosage and avoided thyroid cancer. Not to mention the rest of the country, Europe, and Asia ...primarily whenever it rained-down through the Fukushima fallout circling the northern hemisphere every 40 days.

Fukushima fallout in North America included an estimated 400,000,000,000,000 Bq of Cesium-137.

To top it off, cancer is a certainty if even only one radioactive particle is ingested.

According to Vladimir Levchenko, a physicist who worked in Chernobyl exclusion zone:

“Many of those who were members of our group died later The worst in an accident zone is not the level of radiation itself, but that the explosion blew out an enormous amount of fine radioactive particles that was spread around by wind as dust. Sometimes it’s just one speck of dust lying somewhere around. If you breathe it in by accident or swallow it when eating, cancer is a certainty.”

Hot radioactive particles in Seattle were measured at 50 percent of the levels seen in Tokyo. They latch onto lung tissue.

(But, according to CBS: ‘Inaccurate internet reports stoked fear that radiation *had somehow come our way.*’)

Is CBS fake news?

08:51 AM Jun 5, 2011 | 155

-662- Average person in Seattle breathed in 10 hot radioactive particles a day in April

06:58 AM Jun 8, 2011 | 124

-682- Hot radioactive particles in Seattle were measured at 50 percent of the levels seen in Tokyo. They latch onto lung tissue.

09:09 AM May 10, 2014 | 180

**Cancer certain if only one radioactive particle is ingested**

-8222- Fukushima fallout in North America 400,000,000,000,000 Bq Cesium-137 - cancer if one particle ingested (VIDEO)

Vladimir Levchenko, a physicist who worked in Chernobyl exclusion zone

# 31. More hot spots

## Review of the literature

Exhibit No. 25

07:51 AM Jun 15, 2011 | 43

-739- Japanese media blackout of words: MOX, plutonium, and meltdown

09:18 PM Jun 11, 2013 | 27

-5947- Wife of Japan Pro-Nuke Prime Minister opposed to nuclear power - heart aches to see him sell nuclear power overseas

<p style="text-align: center;"><b>Thoughts from Arnie Gundersen</b></p> <p style="text-align: center;"><b>Hot particles absorbed by internal organs ignored</b></p> <p style="text-align: center;"><b>by regulatory bodies IAEA<sup>a</sup> &amp; WHO<sup>b</sup></b></p> <p style="text-align: center;">The proven impact of hot particle exposure is being completely ignored by federal regulators and all international health agencies.</p>
--

<sup>a</sup>

<sup>b</sup> World Health Organization

Fairewinds Energy Education and its scientific colleagues analysis indicates the contribution from small but highly radioactive particles (hot particles) absorbed by the internal organs of exposed individuals, is totally ignored by regulatory bodies worldwide such as the IAEA and WHO.

Human exposure to these small particles within internal organs exposes people to high-energy radiation for decades.

*Additionally, peer-reviewed scientific evidence indicates that small but highly radioactive particles are released in large quantities, post-accident as well.*

### **Radionuclide concentration in releases not uniformly distributed**

By not considering non-uniformly distributed radioactive particles in its dose calculations, the EPA is introducing a systematic bias to its dose calculations that will create radiation-induced casualties and a humanitarian calamity.

*The radioactive concentration in releases is not uniformly distributed. A thorough analysis of the dose consequences from hot particles must be ascertained.*

#### **Review of the literature**

Exhibit No. 26

03:08 PM Dec 27, 2011 | 190

-2105- Hot particles bombard west coast of U.S. and Canada - Contaminated farms and some food sources in U.S. - Radioactive debris island, twice size of Texas crosses Pacific

08:18 AM Jul 6, 2011 | 61

-952- British Columbia sees spike in number of sudden infant deaths

04:59 PM Jun 15, 2011 | 31

-742- Spike in U.S. infant mortality 4 mths after Chernobyl - current infant deaths - Fukushima fallout? (VIDEO)

01:04 PM Dec 22, 2011 | 25

-2068- Infant deaths also up in B.C., Canada after Fukushima - Corroborates U.S. study (VIDEO)

01:21 AM Jan 25, 2012 | 54

-2373- Idaho TV: Data shows a large spike in deaths - particularly infant deaths - in 14 weeks following Fukushima meltdown (VIDEO)

09:43 AM Dec 22, 2011 | 25

-2067- West Coast - increase in cancer from Fukushima radionuclides - After Japan, the most radioactive area is Cascade Mountains - Portland had cesium at 100 Bq/m<sup>2</sup> (VIDEO)

07:06 AM Dec 22, 2011 | 28

-2064- 1,000,000 cancers from Fukushima in Japan over next 20 years - First thyroid, then lung, organ, brain, leukemia (VIDEO)

06:11 PM Jun 29, 2011 | 69

-899- High concentrations of hot particles in Pacific NW April & May - plutonium and americium (AUDIO)

10:13 AM Aug 25, 2014 | 84

-8387- Nuclear Engineer: Studies show multiple fuel cores ejected from Fukushima

reactors... I thought so too, it was one of my big concerns - Radiation Expert: Hot

particles of uranium and plutonium fuels detected nearly 300 miles away (VIDEO)

**Review of the literature**

Exhibit No. 27

11:03 AM May 24, 2012 | 31

-3407- Ambassador Murata makes public statement in English: Once a quake beyond magnitude 6 or 7 happens, then the world starts heading towards the ultimate catastrophe - Unit 4, a global security issue (VIDEO)

02:21 PM Apr 6, 2012 | 62

-3021- Ambassador Murata writes to UN Secretary General: It is no exaggeration to say that the fate of Japan and the whole world depends on No. 4 reactor - Appeals for independent assessment team

11:27 AM Apr 6, 2012 | 81

-3019- Former Japan Ambassador Warns Gov't Committee: A global catastrophe like we have never before experienced if No. 4 collapses - Common Spent Fuel Pool with 6,375 fuel rods in jeopardy - Would affect us all for centuries

04:07 PM Nov 5, 2015 | 593

-8738- Former Japan Ambassador: Uncontrolled nuclear chain reactions could be underway at Fukushima - Troubling indications of recurring criticality as Tellurium-132 detected over 100 miles from plant - Re-criticality discussed by Japan's top nuclear official

07:36 PM Nov 6, 2013 | 36

-6657- U.S. Ambassador's letter from former Japan Ambassador: Worsening radioactive contamination of the sea will soon awaken whole world - Problem at Fukushima is beyond control

01:27 AM Nov 6, 2013 | 136

-6654- Former Ambassador to Obama: Fukushima #4 can cause global catastrophe - most pressing global security issue

10:50 AM Oct 7, 2012 | 104

-4460- Fmr Japan Ambassador: U.S. gov't is main reason crisis at Fukushima Unit 4 toned down (VIDEO)

Part 2.

**Review of the literature**

Exhibit No. 28

10:59 AM Jul 11, 2013 | 64

-6026- Japan kids ingest Fukushima fuel rods? Mystery black substance likely contains concentrated unburned nuclear fuel (VIDEO)

-1662- Hot particles at 2 out of 3 U.S. monitoring stations in April, including Boston - increase in cancers, especially on West Coast (VIDEO)

12:00 AM Nov 1, 2011 | 229

-1658- Portland-area topsoil with up to 8,000 pCi/kg of cesium from Fukushima - Over 10,000% higher than highest levels found by UC Berkeley

Artificial radiation ( $\mu\text{Gy h}^{-1}$ )	Dose rate in air ( $\mu\text{Gy h}^{-1}$ )					
	Te-132	I-131	Cs-137	Cs-134	I-132	Cs-136
2.897	0.203	0.116	0.087	0.956	1.506	0.029

12:05 PM Nov 1, 2011 | 21

**Review of the literature**

Exhibit No. 29





06:34 AM Nov 16, 2011 | 84

-1802- Radiation precautions for areas near Seattle, Vancouver, Portland? Perhaps you need to wash your shoes... and other things (VIDEO)

07:06 AM Dec 22, 2011 | 28

-2064- 1,000,000 cancers from Fukushima in Japan over next 20 years - First thyroid, then lung, organ, brain, leukemia (VIDEO)

## 32. Sleepless in Seattle

Vancouver B.C. and Seattle now have 220,000,000 atoms of Fukushima Iodine-129 per liter of rainwater- with a 15 million year half-life in an aquifer that now supplies deadly drinking water to 120,000 people to British Columbia then crosses the border into Washington.

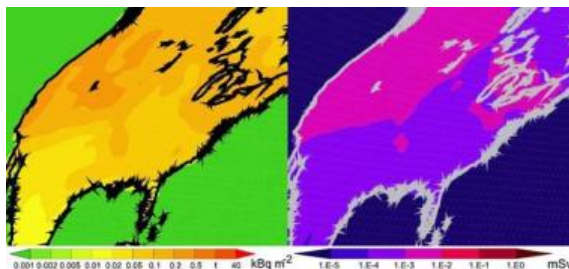
### Review of the literature

Exhibit No. 30

08:58 AM Feb 17, 2016 | 577

-8775- Vancouver B.C. & Seattle: 220,000,000 atoms of Fukushima Iodine-

129/liter of rainwater- w/15 million year half-life in aquifer; supplies deadly drinking water-to 120,000 people in BC/WA



(L) Global cumulative deposition of radiocesium ( $^{134}\text{Cs}$  and  $^{137}\text{Cs}$ ) after Fukushima NPP accident at end of 2011. (R) Annual effective dose from radiocesium exposure due to inhalation, surface deposition and fallout transport. (See text, below.)

*Global and local cancer risks after the Fukushima Nuclear Power Plant accident as seen from Chernobyl: A modeling study for radiocesium ( $^{134}\text{Cs}$  &  $^{137}\text{Cs}$ ), Nov. 29, 2013: ... The highest deposition was found in Fukushima (in the range of  $\text{MBq m}^{-2}$ ), where deposition exceeded the contamination limit affecting an area with more than 9 million inhabitants.*

In the West USA the deposition was found between 100 and 500  $\text{Bq m}^{-2}$  decreasing to the East.

For the South-west USA, Wetherbee et al. (2012) reported that the deposition of  $^{137}\text{Cs}$  was 30-240  $\text{Bq m}^{-2}$  and 2-46  $\text{Bq m}^{-2}$  for  $^{134}\text{Cs}$ , which is in the same order as in our calculations (Fig. 1).

The same investigators reported a deposition of  $^{137}\text{Cs}$  in Alaska to be 16-27  $\text{Bq m}^{-2}$  and around 55  $\text{Bq m}^{-2}$  for  $^{134}\text{Cs}$  similar to those presented here (50-100  $\text{Bq m}^{-2}$ ).

In the rest of the U.S. they measured  $^{137}\text{Cs}$  between 1 and 45  $\text{Bq m}^{-2}$  and  $^{134}\text{Cs}$  between 1 and 3  $\text{Bq m}^{-2}$ , which are close to ours (50- 200  $\text{Bq m}^{-2}$ ) –

According to the French Institute of Radioprotection and Nuclear Safety (IRSN, 2012) approximately 73 radionuclides were released after Fukushima. Therefore, one might argue on the low impact concluded in our study claiming that only radiocesium has been studied instead of 73 radionuclides emitted.

According to the French Institute of Radioprotection and Nuclear Safety (IRSN, 2012) approximately 73 different radionuclide classifications are released from Fukushima.

Agricultural Implications of the Fukushima Nuclear Accident - Radiocesium Absorption by Rice in Paddy Field Ecosystems (pdf), 2013:

Unexpectedly, we found that the fallout was relatively insoluble and only a small percentage of the radiocesium could be extracted by a boiling water treatment followed by nitrate leaching. We have very little knowledge about this fallout, including its chemical form and properties, but huge amounts of this relatively insoluble radioactive fallout are still bound to organic matters

Presentation by Yasuhito Igarashi of Japan's Meteorological Research Institute at IAEA's expert meeting (pdf), February 2014: Mar. 14-15

...sample contained insoluble materials not only in water but hot nitric acid! ... They are insoluble; even refractory to conc. nitric acid.

They will persist for a long time in the environment ... as well as in living organisms.

Scientific Reports (Nature Publishing Group) - *Emission of spherical cesium-bearing particles from an early stage of the Fukushima nuclear accident*, Aug. 30, 2013:

We analyzed the water solubility of Cs Particle 1 by comparing the particle's shape before and after exposure to water. The results show that there was no change in shape, suggesting that the particle was insoluble to water at least during atmospheric transportation.

American Chemical Society Publication, Analytical Chemistry - *Detection of uranium and chemical state analysis of individual radioactive microparticles emitted from the Fukushima nuclear accident...* (Tokyo Univ., Japan's Meteorological Research Institute), August 1, 2014:

We explored the possible sources of the 14 elements (Cr, Mn, Fe, Zn, Rb, Zr, Mo, Ag, Sn, Sb, Te, Cs, Ba, and U) found within the micro-particles.

These particle natures suggest that they could have relatively long-term impact on the environment, i.e., the release of soluble radioactive Cs into the environment as these insoluble glassy particles degrade.

Similar radioactive particles have been detected in soils, plants, and mushrooms - it is probable that these particles are the same as the micro-particles characterized in our study.

Exhibit No. 31

08:55 AM Oct 24, 2013 | 43

-6591- 'Spheres' of radioactive material from Fukushima reported for first time - Ball-like particles composed of cesium,

iron, zinc - Solid and insoluble in water - Impact on human health needs to be examined

# 33. Diary of a hot spot

## Newswire: Hot spots, 2001-2017

**Review of the literature**

Exhibit No. 32

### March 2011

03:02 PM Mar 18, 2011 | 3

-70- If radioactivity continues from Fukushima, health hazard to USA may be reassessed (VIDEO)

08:13 PM Mar 20, 2011 | 12

-88- Death toll from Fukushima could top 500,000

12:32 PM Mar 22, 2011 | 5

-103- Comparisons with X-rays and CT scans meaningless - inhaling particles increases radiation exposure by a factor of a trillion

04:32 PM Mar 22, 2011 | 10

-106- Chernobyl: 985,000 dead worldwide as of 2004 - 500% more cancer fatalities when using MOx - New York Academy of Sciences - *Chernobyl: Consequences of Catastrophe for People and Environment* - written by scientists; data: 1986 to 2004

11:26 AM Mar 23, 2011

-112- Tokyo drinking water unsafe for infants: Gov't distributes bottled water

07:41 PM Mar 24, 2011 | 3

-124- Yellow rain in Tokyo also happened at Chernobyl; Government assures residents it is pollen - 20 years ago, splashing in yellow rainwater Antonina Sergieff recalls

01:26 PM Mar 24, 2011 | 4

-120- No safe radionuclide exposure from food, water or other sources

### April 2011

12:27 PM Apr 20, 2011 | 8

-349- Every amount of radiation exposure increases your risk of cancer - no safe level of radiation

04:29 PM Apr 21, 2011 | 47

-362- Fairewinds: U.S. news outlets say no threat to health from Fukushima - opposite of what all studies prove about radiation and cancer (VIDEO)

03:12 PM Apr 21, 2011 | 6

-360- Half of Japanese women tested show radioactive iodine-131 in breast milk - Highest contamination found 150 miles from Fukushima

07:26 PM Apr 22, 2011 | 29

-367- Editorial blasts UC Berkeley professor over radiation

### June 2011

03:59 AM Jun 4, 2011 | 172

-654- Fukushima: Winds change, hot particles head south; leave Tokyo if Unit No. 4 collapses (AUDIO)

10:29 PM Jun 11, 2011 | 37

-710- No one wants to think about effects of radiation on babies born this autumn

05:07 AM Jun 13, 2011 | 104

Hot particles from Japan to Seattle virtually undetectable when inhaled or swallowed, Fairewinds, June 12, 2011

05:07 AM Jun 13, 2011 | 104

#### **Hot particles from Japan to Seattle undetectable - inhaled or swallowed**

-718- Metallic taste in mouth in Japan and U.S. west coast (Seattle) - sign of radiation exposure (VIDEO)

Fairewinds Arnie Gundersen explains how hot particles may react in mammals while escaping traditional detection.

06:11 PM Jun 29, 2011 | 69

-899- High hot particle concentrations in Pacific NW in April, May - includes plutonium & americium (AUDIO)

08:40 PM Jun 29, 2011 | 74

-901- U.S.- steady radiation from Fukushima - Media blind to radiation in food, like problem only in Japan

#### **New Mexico Los Alamos National Lab Safe?**

07:13 PM Jun 29, 2011 | 54

-900- Los Alamos Lab safe from wildfire? - Additional plutonium problems?

Peter Stockton, expert on nuclear materials and a senior investigator for the independent watchdog Project on Government Oversight (POGO)

...tipped off in 2009 by a whistleblower that in PF-4-where six metric tons of plutonium are ... they've painted over sprinkler system so many times it doesn't work ... LANL never tested fire hoses in

building. ... pressure in the system isn't enough for entire building, had to mitigate that.

TA-54 contains 20,000-30,000 drums of waste, but just because it's low-level waste doesn't mean anything. If that becomes airborne, and just a speck of plutonium gets into your lungs, you're going to end up with cancer down the road.

It's the most toxic substance known to man. It would be very nasty if those drums blew apart, and the wind carried them downwind.

05:45 PM Jun 30, 2011 | 129

-917- Leaked emails: British gov't & nuke owners in collusion - PR campaign hides Fukushima toll on life force

British government (G-8) plan to play down Fukushima - work behind scenes with multinational companies: EDF Energy, Areva, Westinghouse- hide truth to prevent incident undermining public support for nuclear power

### *July 2011*

10:14 AM Jul 28, 2011 | 25

-1065- How brainwashing was done in Fukushima - propaganda effort - to make Goebbels & Bernays proud

### *August 2011*

07:09 PM Aug 1, 2011 | 25

-1085- New Fairewinds video: Gundersen discusses effect of inhaling hot particles

### *November 2011*

12:05 PM Nov 1, 2011 | 21

-1662- Hot particles-at 2 out of 3 U.S. monitoring stations in April, including Boston - increase in cancers, especially on West Coast (VIDEO)

### *December 2011*

11:15 AM Dec 11, 2011 | 18

-1967- Researcher discusses hot particles of americium found in Tokyo - Comes from plutonium (VIDEO)

03:08 PM Dec 27, 2011 | 190

-2105- Fairewinds: Hot particles bombarded west coast of U.S. and Canada - Contaminated farms-and ood sources in

U.S. - Radioactive debris island twice size of Texas crosses Pacific

### *January 2012*

07:31 AM Jan 18, 2012 | 53

-2299- Fukushima risk underestimated - 5% of young girls will get cancer living in 20 milliSv/y for 5 years - worse - hot particles not included - counts cancer, only, not other diseases (VIDEO)

09:44 PM Jan 19, 2012 | 29

-2320- Journalist: harassed and imprisoned on return to Tokyo

08:58 PM Jan 22, 2012 | 35

-2351- Journalist reports threats in Japan by official at gunpoint, ordered to sign falsified Fukushima confession

02:32 PM Jan 22, 2012 | 33

-2350- Internal radiation exposure damages DNA- Plutonium hot particle seen in cell - Avoid touching death ash (PHOTO, VIDEO)

### *April 2012*

02:21 PM Apr 6, 2012 | 62

-3021- Ambassador Murata writes to UN Secretary General: It is no exaggeration to say the fate of Japan and the whole world depends on No. 4 reactor - Appeals for independent assessment team

11:27 AM Apr 6, 2012 | 81

-3019- Former Japan Ambassador Warns Gov't Committee: A global catastrophe like we have never before experienced if No. 4 collapses - Common Spent Fuel Pool with 6,375 fuel rods in jeopardy - Would affect us for centuries

### *May 2012*

12:17 PM May 8, 2012 | 31

-3272- Inhaling just one radioactive hot particle can cause cancer - (VIDEO)

01:31 AM May 9, 2012 | 131

-3280- Kaltofen shows effect of plutonium on lung tissue: See single particle cause fibrotic nodule in lung - Eases fears on West Coast (VIDEO)

**179 microsievert/hr at school ...hot spots at bus stop, main gate, Schoolyard, swimming pool, gym**

*September 2012*

01:44 PM Sep 17, 2012 | 7

-4285- Part I: Fukushima girls 3x thyroid cysts over 15 mm than boys - also, 79% more medium-sized cysts than boys

02:43 PM Sep 17, 2012 | 9

-4286- Part II: Fukushima girls have 3x more thyroid nodules over 10 millimeters than boys - 56% more medium-sized nodules than boys

10:32 AM Sep 19, 2012 | 8

-4302- U.S. West Coast bore significant brunt of hot particles from Fukushima disaster, study claims

12:42 PM Sep 20, 2012 | 20

-4312- Photos: Adults volunteer Japanese students for decontamination in contaminated area - mounds of disaster debris

10:48 AM Sep 20, 2012 | 11

-4311- 179 microsieverts/hr at elementary school - Hot spots at bus stop, main gate, schoolyard, pool, gym

*October 2012*

05:02 PM Oct 17, 2012 | 39

-4545- Man from Fukushima: The children are radioactive - people that stayed are in denial - we received hate mail for leaving (VIDEO)

07:30 AM Oct 23, 2012 | 25 -

-4584- School facilities in Fukushima city exceed radiation limit by 1,000% - hot spots by playground equipment -Greenpeace (VIDEO)

*November 2012*

12:34 PM Nov 25, 2012 | 31 -

-4841- Gundersen on WHO: I don't trust their data - Garbage in, garbage out - I suspect hot particles and internal emitters are omitted, and radioactive releases underestimated

*September 2013*

09:58 AM Sep 3, 2013 | 43

-6294- Fukushima No. 4 fuel pool is perhaps the greatest threat humanity has ever faced

08:48 AM Sep 3, 2013 | 17

-6293- Nuclear Engineer: Unfortunately, the truth is there will be a large death toll from Fukushima - Damages to be seen over the next century - disaster unprecedented in magnitude (AUDIO)

*October 2013*

03:28 PM Oct 4, 2013 | 89

-6491- Health physicist worried over inhaling hot particles from Fukushima - uranium, plutonium, etc. (AUDIO) - remember, they're not monitoring strontium and uranium, so [how do you know] what we're getting or not getting. This is real; we don't want this to happen here. It's upsetting other people too

03:36 PM Oct 23, 2013 | 117

-6588- Remarkable where plutonium from Fukushima suspected to have been found - Even more unexpected located outside main strip of contamination - Need to assess consequences for public of a release of plutonium-rich hot particles (PHOTO)

*December 2013*

06:44 PM Dec 24, 2013 | 171

-6846- U.S. was hit by Fukushima cloud that dispersed little over Pacific - Gundersen: Authorities knew about hot particles and didn't warn public; could have worn air masks, instead it's stuck in their lungs; helicopters did secret survey along coast (PHOTO & AUDIO)

*January 2014*

12:20 AM Jan 8, 2014 | 177

-6895- Hot spots at 1,400% baseline radiation levels on San Francisco-area coast - State: naturally occurring materials not radioactivity associated with Fukushima - Expert: Don't let babies or kids inhale or eat the sand

07:40 PM Jan 29, 2014 | 145

-7025- Fukushima fallout in U.S. - Dose in Northeast and Great Lakes equal to West Coast (GRAPHIC) French Institute of Radioprotection & Nuclear Safety (IRSN, 2012): 73 radionuclides were released by Fukushima. Low impact concluded in our study claiming only radiocesium has been studied instead of 73 radionuclides emitted

03:35 PM Mar 15, 2014 | 231



-8095- Fairbanks city council passes Fukushima monitoring resolution: Alaska, west coast of N. America in danger - No safe level of radiation - constitutes grave risk - Senator: Need to be vigilant (AUDIO)

*May 2014*

11:31 AM May 6, 2014 | 287

-8218- Fukushima nuclear fuel fragments found in Europe - 10,000+ km from reactors - plume first passed thru N. America - hot particles significant part of radioactive release - spread over hemisphere - core material on Norway air filter (PHOTO)

10:42 AM May 30, 2014 | 372

-8259- Hot particles of melted fuel are inhaled by children everyday - Official in Fukushima: Please help us! We are forced to have it in our bodies - Please let all people in the world know the life we are living

*June 2014*

11:14 AM Jun 13, 2014 | 703

-8281- Fukushima: Concern half of Japan to be covered in nuclear waste - those 60 and older should be prepared to die at plant - Fire out of control at Reactor No. 4

*July 2014*

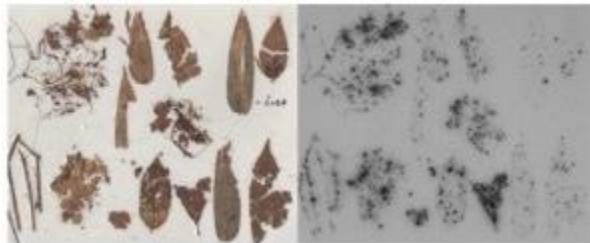
12:10 AM Jul 21, 2014 | 194

-8329- Fukushima: Deadly ash everywhere - hot particles attach to clothes; radioactive material contains plutonium (VIDEO)

*August 2014*

09:44 AM Aug 12, 2014 | 142

-8364- Fukushima: Hot particles can't be dissolved - fallout bound to organic material (PHOTO)



10:13 AM Aug 25, 2014 | 84

-8387- Nuclear Engineer: Studies show multiple fuel cores ejected from Fukushima reactors... I thought so too, it was one of my big concerns - Radiation Expert: Hot

particles of uranium and plutonium fuels detected nearly 300 miles away (VIDEO)

**California Gray Whale Coalition**

*November 2014:* The coast's winter whale watching season brings real fear for visiting humpbacks and grey whales encountering radiation hot spots along West Coast waters as they migrate to and from Alaska and Mexico. The central Oregon coast's whale watching training features more than 100 volunteers at 25 whale-watching sites... this year's whale-watching volunteers have been trained in the dangers of radiation... there has been a rash of dead humpback whales washing-up along central Oregon.

*January 2015*

12:10 PM Jan 28, 2015 | 227

-8551- Study: Global consequences from Fukushima-like nuclear disaster; Many nations at risk of great exposure - Transport of hot particles to U.S. was especially effective during worst releases after reactor explosions - Radioactivity confined close to surface due to seasonal factors (VIDEO)

*April 2015*

09:25 AM Apr 3, 2015 | 754

**Sea lions, turtles 13 baby gray whales, 55 dolphins, found dead**

-8603- 13 baby gray whales and 55 dolphins found dead on West Coast - Rash of dead humpback whales in Oregon - corpses of sea lions, birds, sea turtles decomposing - Fear for whales encountering radiation hot spots - volunteers trained about dangers of radiation (VIDEO)

*September 2015*

06:45 PM Sep 2, 2015 | 631

**Extinction-level event - plutonium radionuclides hot spots in Pacific to kill for hundreds of years**

-8705- West Coast: Whale strandings, cancer in seals, collapse of fish stocks (PHOTOS) and (VIDEO - whale final gasps on beach)

[http://eneneews.com/wp-content/uploads/2015/09/AK\\_whale.gif](http://eneneews.com/wp-content/uploads/2015/09/AK_whale.gif) (above: animated gif of a whale on the seashore breathing its last breaths as it fights for life after being poisoned by Fukushima plutonium in the Pacific Ocean); sea life murdered by Fukushima

plutonium; more dead whales courtesy Fukushima.

06:45 PM Sep 2, 2015 | 631  
-8705- West Coast- Whale strandings, cancer in seals, collapse of fish stocks

### Review of the literature

Exhibit No. 32 (cont.)



April 2016

10:09 AM Apr 22, 2016 | 386  
-8808- Nuclear Expert: We've detected a lot of cases gargantuanism in Fukushima - Reporter: Gigantic beet... it's almost as big as the upper part of man trying to hold it - They're seeing more and more of this... people are reporting more and more of these abnormalities (PHOTOS & VIDEO)

08:14 AM Apr 18, 2016  
-8806- Human babies - Fukushima: extra arms & legs- <sup>10</sup> (polymelia), extra fingers (polydactyl); Washington State (Hanford): no brains, protruding spines <sup>11</sup>; Chernobyl: brains outside head; many arms & legs, misshapen bodies; cyclops with no face,

(PHOTOS) and (VIDEO - whale final gasps on beach)

VOA transcript, Sep 1, 2015 (emphasis added): *Sharp Rise in Whale Deaths*

mouth or limbs; also see <sup>12</sup>; Missouri: cancer clusters, double sets of teeth, missing eyeballs, brain tumors <sup>13,14</sup>; Fallujah, Iraq: deformed, no heads, two heads, cyclops, scales, missing limbs; <sup>15</sup> Kazakhstan - 29 fetuses found at uranium site; India - born with partially formed skulls, blood disorders, missing eyes or toes, fused fingers and brittle limbs - children with mutations, - deformed heads, lopsided bodies, 'toad skin', eyelids turned inside out; school built using radioactive waste part of community outreach project - <sup>16</sup> - <sup>17</sup> (VIDEO); Utah - (historical) piles of dead lambs - 2 heads, no legs - no eyes or mouths - legs grown together

#### Lambs, farm animals, cats, dogs

-8806.1- (historical) Piles of dead lambs with 2 heads, no legs - born without eyes or mouths - legs grown together; cats & dogs: St. George, Utah & Walla Walla, Ritzville, Hanford, WA - (VIDEOS)

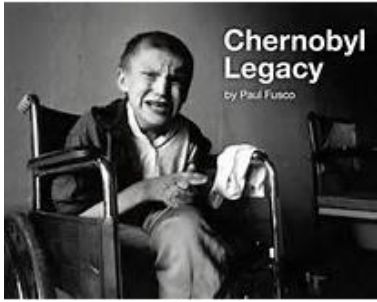
-8806.2- Surge in babies born with extra arms, legs after Fukushima - I feel officials know the cause is radiation - many get abortions to avoid 'inconvenient' babies - High number of stillbirths - Many people report cancer, far from Fukushima (VIDEO)  
-8806.3- Babies born w/no brain, and protruding spines by Hanford<sup>a</sup>

Also see: babies w/extra fingers born in Japan<sup>b</sup>  
Chernobyl Legacy by Paul Fusco

<sup>a</sup> Rapid rise in babies with missing brains and protruding spines - actual number higher than officials report (VIDEO)

<sup>b</sup> <http://blog.goo.ne.jp/jpnx05/e/392a90860209f6fbae9e2df0acfcf954> When a parent whose baby was born with polydactyly

contacted Fukushima Medical University for an operation for their child, they were told that they were busy operating on babies with the same condition and had a hundred on their waiting list. Then told to wait one or two years for the operation because bones in the fingers and hands need to be well developed.







-8806.4- Radiation effects on fetuses: Nuclear radiation deforms genes<sup>a</sup> - twins attached by organs growing outside body, 1-

eyed cyclops, babies with giant heads - respond to people (GRAPHIC PHOTOS -& VIDEO)

<sup>a</sup> VICE, by Thomas Morton, May 4, 2014: *How F..ked Are Nukes?* way worse than Hollywood has the special effects to depict. A lot of mainstream accounts soft-pedal the body horror that acute radiation poisoning causes eyewitness testimony from Robert Jay Lifton's Hiroshima classic *Death in Life*: at a glance you couldn't tell whether you

were looking at them from in front or in back very young girls, not only with their clothes torn off but with their skin peeled off as well. VICE on HBO covers the second major population intentionally exposed to atomic radiation-the Kazakhs living around the Semipalatinsk Testing Polygon, where the Soviet Union tested 456 nuclear bombs.



-8806.5- -1- -

<http://www.themoscowtimes.com/news/article/29-fetuses-found-at-uranium-site/451706.html>

-2- Kazakhstan: Jars of stillborn, aborted and abandoned babies. body parts at nuclear waste site

-8806.6- 10:04 AM Mar 23, 2016 | 980 <> Cemetery of dead babies missing brains next to U.S. nuclear site - Funeral Director: Almost all infants we have died the same way... that's pretty much all I see on death certificates - Few miles from most

contaminated place in hemisphere - One of largest documented anencephaly clusters in U.S. history (VIDEO)

-8806.7- Children with mutations on almost every street - deformed heads, lopsided bodies, toad skin, eyelids turned inside out - school built using radioactive waste part of community outreach project (VIDEO)

-8805- Dead, conjoined baby gray whales found on West Coast of N. America - 2 heads - 2 tails, joined in middle (PHOTOS & VIDEO)



May 2016

10:36 AM May 11, 2016 | 226

-8814- Cover-up of massive explosion at Fukushima Reactor 3 - fueled with plutonium? U.S. government's worst case scenario - entire nuclear core ejected into environment - Experts: It seems blast wasn't from hydrogen - Ejection of fuel parts - exploding vortices suggest a steam explosion (PHOTO)

11:44 AM May 16, 2016 | 579

-8816- Largest amount of Fukushima radiation fell on U.S. West Coast & Pacific - no complaints from U.S. - more radiation on

way - need to know impact of contamination on us

11:02 AM May 19, 2016 | 383

-8817- Billions of pieces of Fukushima nuclear fuel everywhere<sup>18</sup> - where there's cesium, there's plutonium - Atom bomb had 1 pound of uranium; Fukushima had hundreds of tons - great quantities of plutonium found (VIDEO) -<sup>19</sup>

08:22 AM May 24, 2016 | 719

-8818- Fukushima radiation may eat holes in people's brains; military hides radiation levels; officials hide consequences of crisis;



worry over number of cancers; public suffers radioactive-related diseases (VIDEO) <sup>-20</sup>  
June 2016

12:46 PM Jun 28, 2016 | 82  
-8823- Highly radioactive 'glass' rains on Tokyo - Fukushima nuclear fuel with 500 Trillion Bq/kg found - Significant consequences for human health - Changes understanding of disaster... Extreme importance - Our ideas of health implications should change - Do not discuss on social media

March 2017

12:43 PM Mar 30, 2017 | 163  
-8866- Most catastrophic fisheries collapse in history expected along West Coast - Official: This is a nightmare, I have never in my life dreamed that it could get this bad - Threat of coast-wide fishing failure (VIDEO)

April 2017

3:28 PM Apr 24, 2017 | 66  
-8869- Mass die-off ongoing along US West Coast - TV: "It's just not clear why all the marine life is washing up like this. Reports coming in every day" - Experts: 'Unknown' organisms eating away brains, hearts - New infection never seen before (VIDEOS)

## 34. Troubling trend

KRON, Apr 13, 2017 (emphasis added): A troubling trend – **sharks and other marine life are washing up** on Bay Area shorelines. First, it was Santa Cruz, and now, it's the Peninsula... dead sharks were found washed up Thursday morning... **Experts say similar reports are coming in every day**, and it's not clear why all the marine life is washing up... [T]he Pelagic Shark Foundation in Santa Cruz is pleading with Bay Area people to be alert on walks and report to them immediately.



KRON transcript, Apr 13, 2017: "There are a lot of small dead sharks that have been found, just today... **it's just not clear why all the marine life is washing up like this.**"

Santa Cruz Sentinel, Apr 8, 2017: [Sean Van Sommeran, Pelagic Shark

Research Foundation executive director] said **there have been too many white-shark strandings this year throughout coastal Northern California...** he is frustrated about the lack of help for stranded sharks. "There's been **over 100 dead this year** in San Francisco, San Mateo, Oakland and Berkeley Aquatic Park... **We get them all the time** in the San Francisco Bay Area."

California Department of Fish and Wildlife, Apr 14, 2017: The carcass of a young great white shark was recovered on April 8 near Pleasure Point in Santa Cruz... It died of **multiple organ failure, with major lesions in the brain, liver and heart...** **Unidentified microorganisms were observed in the fluid surrounding the brain and heart. Additional testing is underway to attempt to identify these pathogenic organisms**

CBS San Francisco, Apr 11, 2017: Marine Biologist Giancarlo Thomae said a necropsy found an infection had **damaged the shark's brain and other organs.** "The species of the bacteria

that contributed to the shark's death is unknown at this time... However, the **brain did have many lesions**. In addition to that the shark's heart and liver also showed damage, so we can conclude that the immune system of the shark was also compromised."... **Die-offs of leopard sharks and other types have occurred in the San Francisco Bay in the last two years.**

KXTV, Apr 14, 2017: *Washed up Great White Shark died of organ failure...* Biologists believe the shark died of multiple organ failure, with major lesions in the brain, liver and heart. **Unknown microorganisms** were also found and additional testing is being done.

NBC Bay Area, Apr 11, 2017: A pathogen that eventually caused brain lesions is the reason why a shark became stranded on a Santa Cruz

beach and later died last weekend. Animal experts say the pathogen is **unlike any kind of bacteria that has been seen in sharks before.**

KSBW transcript, Apr 11, 2017: "They say it could be the same **infection that's killing mako sharks** this year... but **the question remains, why is the infection making its way through different shark species?**" - *Sean Van Sommeran, Pelagic Shark Research Foundation executive director*: "Let's see if we can exactly identify what appears to be a **new type of brain infection** - first of its kind, documented in a white shark like that."

KSBW, Apr 11, 2017: Van Sommeran said the pathogen is unlike any kind of bacteria that has been noted in sharks before. "Necropsy results show severe necrotic brain lesions"

## 35. Low doses of internal emitters

Janet Sherman<sup>a</sup> & Joseph Mangano<sup>b</sup>

<http://radiation.org/> and [www.janettesherman.com](http://www.janettesherman.com)

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"A 2012 study of all nuclear plants in France found elevated levels of child leukemia in the vicinity of the plants. A 2008 study in Germany came to a similar conclusion regarding child leukemia and

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<sup>a</sup> **Janette D. Sherman, M. D.** is the author of, *Life's Delicate Balance: Causes and Prevention of Breast Cancer and Chemical Exposure and Disease*. She is a specialist in internal medicine and toxicology. She edited the book, *Chernobyl: Consequences of the Catastrophe for People and Nature*, written by A. V. Yablokov, V. B. Nesterenko, and A. V. Nesterenko, published by New York Academy of Sciences, 2009. Her primary interest is prevention of illness through public education.

<sup>b</sup> **Joseph Mangano, MPH, MBA,** is the author of, *Mad Science*, (pub. 2012) and many articles on the effects of nuclear power. He is an epidemiologist, and Executive Director of the *Radiation and Public Health Project*

Germany's nuclear generating facilities. A study in, *Archives of Environmental Health*, in 2003 found cancer rates in children were 12.4 percent higher (than nationwide occurrences) in 49 counties surrounding 14 nuclear plants in the eastern United States.”<sup>a</sup> - Janet Sherman

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**Newsire: Low doses of internal emitters**  
**An unspoken argument to (legally)**  
**guillotine some officials and all apologists**

**Nuclear apologists play shoot the messenger on radiation<sup>b</sup>,**  
**By Helen Caldicott for The Age (Australia), April 26, 2011:**

The proponents of nuclear power first piece of disinformation is to confuse the effects of external and internal radiation. The former is what populations were exposed to when atomic bombs were detonated over Hiroshima and Nagasaki in 1945.

Internal radiation, by contrast, emanates from radioactive elements that enter the body by inhalation, ingestion, or skin absorption. Hazardous radioactive elements being released in the sea and air around Fukushima accumulate at each step of various food chains (for example, into algae, crustaceans, small fish, bigger fish, then humans; or soil, grass, cow's meat and milk, then humans). Entering the body, these elements – called internal emitters – migrate to specific organs such as the thyroid, liver, bone, and brain, continuously irradiating small volumes of cells with high doses of alpha, beta and/or gamma radiation, and over many years often induce cancer.

Further, many remain radioactive in the environment for long periods, posing danger for future generations.

The grave effects of internal emitters are of the most profound concern at Fukushima – as indeed they continue to be at Chernobyl. It is **erroneous and misleading to use the term “acceptable levels of external radiation” in assessing internal radiation doses**. To do so is to propagate inaccuracies and to mislead the public worldwide and journalists who are seeking the truth about radiation's hazards.

**Review of the literature**

Exhibit No. 33

*March 2011: Cancer risk increases with any level of radiation exposure says experts, no safe threshold ...self-interested parties imply, it's OK*

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<sup>a</sup> Excerpted from an article in, *The Washington Spectator*, (a project of the Public Concern Foundation), *Watching the Nuclear Watchdog*, February 1, 2015, by Janet Sherman

<sup>b</sup> [Nuclear apologists play shoot the messenger on radiation](#)

*April 2011:* Imperative that people understand that internal emitters cause cancer - nuclear industry propaganda about harmless low-level radiation is absolute rubbish, says physician who taught at Harvard Med School - it's all about internal emitters. Nobody is talking about the fact that there is no safe dose of radiation - U.S. Dept. of Energy: No level of radiation is without health risks. Ionizing radiation is a known carcinogen - Nuclear Radiologist: Don't be fooled by paid industry 'consultants' - low doses of ionizing radiation do cause cancer. Renowned nuclear policy expert: Every amount of radiation exposure increases your risk of cancer - no safe level of radiation. Disinformation by nuclear proponents tries to confuse public about effects of external and internal radiation.

05:28 AM Mar 31, 2011 | 6

-181- Cancer risk increases with any level of radiation exposure - Self-interested parties say OK

02:12 AM Apr 3, 2011 | 25

**-204- Nuclear industry propaganda about low-level radiation is absolute rubbish says physician who taught at Harvard Med School - It's all about internal emitters (VIDEO) - It's imperative that people understand that internal emitters cause cancer**

08:36 PM Apr 4, 2011 | 9

-216- U.S. Department of Energy: No level of radiation is without health risks - Nobody is talking about the fact that there is no safe dose of radiation.

07:11 PM Apr 8, 2011 | 12

-261- Don't be fooled by paid industry consultants - Low doses of ionizing radiation cause cancer - Ionizing radiation is a known carcinogen

12:27 PM Apr 20, 2011 | 8

-349- Every amount of radiation exposure increases your risk of cancer - no safe level of radiation

02:35 PM Apr 25, 2011 | 15

-382- Disinformation: Nuclear choir confuses public about effects of external and internal radiation

*June 2011:* IAEA today admitted there is no such thing as 'safe' levels of radiation - allowable radiation standard based on 'benefit', not safety. Not just cancer: How

low doses of radiation can cause heart disease and stroke.

09:57 AM Jun 2, 2011 | 60

-642- International Atomic Energy Agency (IAEA) says no such thing as safe levels of radiation - standard based on 'cost-benefit', not safety. National Academy of Science: 1 in 5 workers get cancer from IAEA safety standard

12:55 PM Jun 7, 2011 | 44

-677- Not just cancer: Low doses of radiation cause heart disease & stroke

02:35 PM Apr 25, 2012 | 8

-3167- Fukushima fallout lingered just above ground to be inhaled - Chernobyl particles appeared at higher elevations, or were rained onto surface without floating at low elevation (DIAGRAM)

01:46 PM Apr 25, 2012 | 11

-3166- 150km from Fukushima Daiichi: Radioactive plumes continue during summer - fallout re-suspended during daytime by daily convection of sunshine

01:02 PM Apr 25, 2012 | 8

-3165- Radioactive 'black rain' 'helped' Japan after meltdowns - substantial amount of fallout floated near ground - rainfall ceased its re-suspension - *area was at high risk beforehand*

11:15 AM Apr 25, 2012 | 8

**-3164- Worse than radioactive rain? After Fukushima, fallout suspended near Earth's surface without settling down, says new study - Potentially a health risk,**

especially for children as they breathe closer to ground

09:56 AM Apr 25, 2012 | 43

-3163- **Epidemiologist: Slower you spread radiation dose, more effectively it produces cancer and inherited defects - Japan is going very best way in the world**

for destroying the human race (1993 VIDEO)

08:31 AM Apr 25, 2012 | 24

-3162- New Gundersen Interview (AUDIO) - **Hundreds turn out to see presentation at city council meeting near San Onofre nuclear plant; mother speaks about brain cancers in neighborhood**

### **Review of the literature**

Exhibit No. 34

03:35 PM Mar 15, 2014 | 231

-8095- Fairbanks city council passes Fukushima monitoring

resolution: Alaska, west coast of N. America in danger - No safe level of radiation - constitutes grave risk - Senator: Need to be vigilant (AUDIO)

### **Fukushima update: Radioactive fallout and mortality increases in the United States<sup>a</sup>**

An article updating U.S. deaths in the 14 weeks following Fukushima was published in the *International Journal of Health Services* in the summer of 2012. Joseph Mangano and Janette Sherman now estimate 22,000 excess deaths occurred (up from the previous estimate of 14,000); excesses occurred for all ages; and large excesses occurred for pneumonia/influenza deaths.<sup>b</sup>

## **36. Instruments don't eat**

For the record, comparing ingested manmade radionuclides with X-rays and CT scans is nonsense ...inhaling particles increases radiation exposure by a factor of a trillion ...according to one expert, Hirose Takashi, who does the math the mainstream apologists won't:<sup>c</sup>

12:32 PM Mar 22, 2011 | 5

-103- Comparisons with X-rays and CT scans meaningless - inhaling particles

increases radiation exposure by a factor of a trillion

### **Fukushima nuclear power plant accident and state of the media**

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<sup>a</sup> Sep 25, 2014,

<sup>b</sup> <http://radiation.org/fukushima-update-radioactive-fallout-and-mortality-increases-in-the-united-states-international-journal-of-health-services-2012/>

<sup>c</sup> Translation by Douglas Lummis; <https://www.counterpunch.org/2011/03/22/what-they-re-covering-up-at-fukushima/>



**by Hirose Takashi<sup>a</sup>**

Hirose Takashi: Every day the local government is measuring the radioactivity. All the television stations are saying that while radiation is rising, it is still not high enough to be a danger to health. They compare it to a stomach x-ray, or if it goes up, to a CT scan. What is the truth of the matter?

***1 millisievert – per year vs  
400 millisieverts – per hour***

For example, yesterday. Around Fukushima Daiichi Station they measured 400 millisieverts – that's *per hour*. With this measurement, Chief Cabinet Secretary Edano admitted for the first time that there was a danger to health. But, he didn't explain what this means.

All the news media are at fault here.

They are saying stupid things like, 'Why, we are exposed to radiation all the time in our daily life, we get radiation from outer space. *But, that's one millisievert per year.*

***Do the math ... you get 3,500,000 times  
the normal dose. You call that safe?***

A year has 365 days, a day has 24 hours; multiply 365 by 24, and you get 8,760. Multiply the 400 millisieverts by that, you get *3,500,000 times the normal dose*. You call that safe?

What media have reported this? ...none.

They compare it to a CT scan, which is over in an instant; that has nothing to do with it.

**The reason radioactivity can be measured is that radioactive material is escaping. What is dangerous is when that material enters your body and irradiates you from inside.**

**Industry-mouthpiece scholars**

These industry-mouthpiece scholars come on TV and what do they say? They say as you move away the radiation is reduced in inverse ratio to the square of the distance.

I want to say the reverse. Internal irradiation happens when radioactive material is ingested into the body. What happens?

Say, there is a nuclear particle one meter away from you.

You breathe it in, it sticks inside your body; the distance between you and it is now at the micron level.

One meter is 1000 millimeters.

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<sup>a</sup> Hirose Takashi: The Fukushima nuclear power plant accident and the state of the media, Asahi New Star, March 17, 2011

**A thousand times a thousand squared is a factor of a trillion**

One micron is one thousandth of a millimeter.

That's a thousand times a thousand, squared.

That's the real meaning of 'inverse ratio of the square of the distance'.

Radiation exposure is increased by a factor of a trillion.

Inhaling even the tiniest particle, that's the danger.

**So, making comparisons with X-rays and CT scans has no meaning, when you can breathe in radioactive material.**

**What they measure has no connection with the amount of radioactive material in your body**

When it enters your body, there's no telling where it will go.

**The biggest danger is for women, pregnant women, and little children**

Now, they're talking about iodine and cesium, but that's only part of it, they're not using the proper detection instruments. What they call, *monitoring*, means only measuring the amount of radiation *in the air*.

Their instruments don't eat.

What they measure has no connection with the amount of radioactive particles you ingest.

[Editor's note – we supplied the following head and subhead, the passages below are excerpted.<sup>a</sup>]

**Hanford**

**"You don't need a weatherman to know which way the wind blows." – Bob Dylan**

In Fukushima there is the Daiichi Plant with six reactors and the Daini Plant with four, a total of ten reactors. If even one of them develops the worst case, then workers must either evacuate the site or stay on and collapse.

So if, for example, one of the reactors at Daiichi goes down, the other five are only a matter of time. We can't know in what order they will go, but certainly all of them will go. If that happens, Daini isn't so far away, so probably the reactors there will also go down. Because I assume that workers will not be able to stay there.

I'm speaking the worst case; the probability is not low.

This is the danger the world is watching.

Only in Japan is it being hidden.

As you know, of the six reactors at Daiichi, four are in a crisis state. So even if at one everything goes well and water circulation is restored, the other three

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<sup>a</sup> Translation by Douglas Lummis; <https://www.counterpunch.org/2011/03/22/what-they-re-covering-up-at-fukushima/>

could still go down. Four are in crisis, and for all four to be 100 per cent repaired ...I don't think so.

If so, then to save the people, we have to think about some way to reduce the radiation leakage to the lowest level possible. We have to think of all six going down, and the possibility of that happening is not low.

Everyone knows how long it takes a typhoon to pass over Japan; it generally takes about a week. That is, with a wind speed of two meters per second, it could take about five days for all of Japan to be covered with radiation.

We're not talking about distances of 20 kilometers or 30 kilometers or 100 kilometers. It means of course Tokyo, Osaka.

That's how fast a radioactive cloud could spread.

Of course it would depend on the weather; we can't know in advance how the radiation would be distributed.

It would be nice if the wind would blow toward the sea, but it doesn't always do that. Two days ago, on the 15th, it was blowing toward Tokyo.

That's how it is.

07:26 PM Apr 22, 2011 | 29

-367- Editorial blasts UC Berkeley professor over radiation. [Fukushima Fallout, Alameda Sun Editorial, April 22, 2011](#)

## **Don't let your pets drink rainwater**

**Fukushima Fallout, Alameda Sun Editorial, April 22, 2011:**

I opened the Alameda Sun on Friday, April 7, and read with horror its front page article, "Nuclear Scientist Counts Radiation Levels Locally."

The article states [UC Berkeley professor Kai Vetter] says, 'fallout in our area from the Fukushima disaster is nothing to worry about', and that "the extremely low levels of both iodine and cesium he measured should reassure people that there is little danger being in the presence of these elements. The levels were low to begin with and are even lower now."

The article goes on to say that "Vetter told KTVU news that even at the highest levels measured, a person would have to breathe that air for 2,000 years to be exposed to the same amount of radiation that one would experience from a cross-country flight.

"You should not be worried about your dog going out and drinking some rainwater - he will not light up," he stated about the rain that recently fell."

I don't know about *Alameda Sun* readers, but I think it is criminally irresponsible for Vetter, a nuclear scientist, to lie to us about the safety and amount of radiation he is measuring, and that the public is being exposed to.

Radiation is cumulative. It is much more dangerous when it is ingested than when it is outside of you.

Vetter's own tests have shown the levels to be 181 times the MCLs [Maximum Contaminant Levels] on March 23.

The nuclear industry has been bending over backwards in this tragedy to protect their continuing interests in building plants throughout the world.

They could care less about you, or I, or anything other than themselves ...by telling us that we have nothing to worry about from this ongoing disaster, to let our dogs drink the rainwater, Vetter should be last person to take advice from in ongoing tragedy.

## Exhibit No. 33

March 2011:

05:28 AM Mar 31, 2011 | 6

-181- Cancer risk increases with any level of radiation exposure - Self-interested parties say OK

*April 2011:* Imperative that people understand that internal emitters cause cancer - nuclear industry propaganda about harmless low-level radiation is absolute rubbish, says physician who taught at Harvard Med School - it's all about internal emitters. Nobody is talking about the fact that there is no safe dose of radiation - U.S. Dept. of Energy: No level of radiation is without health risks. Ionizing radiation is a known carcinogen - Nuclear Radiologist: Don't be fooled by paid industry 'consultants' - low doses of ionizing radiation do cause cancer.

Renowned nuclear policy expert: Every amount of radiation exposure increases your risk of cancer - no safe level of radiation. Disinformation by nuclear proponents tries to confuse public about effects of external and internal radiation.

02:12 AM Apr 3, 2011 | 25

**-204- Nuclear industry propaganda about low-level radiation is absolute rubbish says physician who taught at Harvard Med School - It's all about internal emitters (VIDEO) - It's imperative that people understand that internal emitters cause cancer**

08:36 PM Apr 4, 2011 | 9

-216- U.S. Department of Energy: No level of radiation is without health risks - Nobody is talking about the fact that there is no safe dose of radiation.

07:11 PM Apr 8, 2011 | 12

-261- Don't be fooled by paid industry consultants - Low doses of ionizing radiation cause cancer - Ionizing radiation is a known carcinogen

12:27 PM Apr 20, 2011 | 8

-349- Every amount of radiation exposure increases your risk of cancer - no safe level of radiation

02:35 PM Apr 25, 2011 | 15

-382- Disinformation: Nuclear choir confuses public about effects of external and internal radiation

*June 2011:* IAEA today admitted there is no such thing as 'safe' levels of radiation -allowable radiation standard based on 'benefit', not safety. Not just cancer: How low doses of radiation can cause heart disease and stroke.

09:57 AM Jun 2, 2011 | 60

-642- International Atomic Energy Agency (IAEA) says no such thing as safe levels of radiation - standard based on 'cost-benefit', not safety

National Academy of Science: 1 in 5 workers get cancer from IAEA safety standard<sup>a</sup>

12:55 PM Jun 7, 2011 | 44

-677- Not just cancer: Low doses of radiation cause heart disease & stroke

Apr 25, 2012 - Epidemiologist: The slower you spread radiation dose, the more effectively it produces cancer and inherited defects - Japan is going the best way in the world for destroying the human race" (1993 VIDEO)

02:35 PM Apr 25, 2012 | 8

-3167- Fukushima fallout lingered just above ground to be inhaled - Chernobyl particles appeared to be at higher elevations, or were rained onto surface without floating at low elevation (DIAGRAM)

01:46 PM Apr 25, 2012 | 11

-3166- 150km from Fukushima Daiichi: Radioactive plumes continue in summer - fallout re-suspended during daytime - daily convection from sunshine

01:02 PM Apr 25, 2012 | 8

-3165- Radioactive 'black rain' 'helped' Japan after meltdowns - substantial fallout was floating near ground - rainfall ceased its re-suspension - area was at high risk beforehand

11:15 AM Apr 25, 2012 | 8

-3164- Worse than radioactive rain? After Fukushima, fallout was suspended near

Earth's surface without settling down, says new study - Potentially a health risk, especially for children - breathe closer to ground

09:56 AM Apr 25, 2012 | 43

-3163- Epidemiology Scientist: Slower you spread radiation dose, more effectively it produces cancer & inherited defects - Japan

is going the best way in the world for destroying the human race (1993 VIDEO)

08:31 AM Apr 25, 2012 | 24

-3162- New Gundersen Interview (AUDIO) - Hundreds turn out to see presentation at city council meeting near San Onofre nuclear plant; mother speaks about brain cancers in neighborhood

# 37. Deflections of Gaia

Appendix 1

**Review of the literature**

Exhibit No. 35

09:09 AM May 10, 2014 | 180

**Cancer certain if only one radioactive particle is ingested**  
-8222- Fukushima fallout in **North America**  
**400,000,000,000,000 Bq Cesium-137** - cancer if one particle ingested (VIDEO)

03:12 PM Apr 21, 2011 | 6

-360- Half of Japanese women tested show radioactive iodine-131 in breast milk - Highest contamination found 150 miles from Fukushima

Humans are mammals, having mammary glands and giving birth to live young.

Across the U.S., milk from cows (mammals) is documented to contain too much Fukushima radionuclides (radiation) to be safe to drink.

Whales, dolphins, seals, sea otters, walruses, sea lions, manatees, cats, dogs, goats, elephants, rats, mice ...all vertebrate animals that have mammary glands where females give birth to live young and secrete milk to suckle (nurse) their young ... are mammals (both males and females of a species, both having mammary glands, are *mammals*). This is one reflection of Gaia ... a commonality of mammalian Life. All mammals appear to be equally devastated by exposure to Fukushima fallout and nuclear energy industry-related radionuclides (manmade radiation).

What about other animals that are not mammals? ...birds, reptiles, insects, fish and all living things that reproduce themselves after their own kind? Guess what? Exposure to nuclear energy industry radiation destroys their God-given and -Ordained ability to reproduce themselves after their own kind.

The nuclear energy industry intentionally destroys Divine Order.

They cover it up, intentionally.

The nuclear energy industry is an abomination and produces suffering and disease; and destroys Gaia, the ability of all life forms and wind and rain and soil to self-regulate the Life Force of the Planet Earth and keep Life Force self-sustaining. This is evident by the nuclear energy industry intentionally



destroying Life, Gaia, and the Life Force, and the God-given ability of living things to reproduce themselves after their own kind.

The owners of the nuclear energy industry know they are doing this, but don't care ...because they worship money and power and disdain God, Divine Order, Natural Order, Gaia, Life, and the Life Force ...and, consequently, intentionally cause told and untold suffering.

They say their nuclear energy industry is *safe and clean*.

They need to be directly exposed to plutonium, and their industry phased out, now ...and replaced with renewables.

### **The nuclear-energy industry produces the same nuclear fallout as detonating nuclear bombs**

Fallout from the nuclear energy industry ... in the smallest or large amounts ... from every day (regulated) business-as-usual cancer-causing discharges from normal operations, and from reactor mishaps and from foreseen facility-obsolence leaks, everyday nuclear dump leakage and mishaps, and uranium mining and tailing operations, and shipping nuclear materials and waste by plane, ship, train, truck and container mishaps ...produces the same fallout that detonating a nuclear bomb produces.

### **That silver lining!**

The good news is that alternative energy is now 50 percent to 75 percent cheaper to produce than nuclear energy. It creates no long-term waste storage problems. It produces no health threat to us, the unborn or to Gaia.

### **Effects of today's nuclear energy industry leaks and fallout on pregnant women**

Since 1947, the effects of nuclear fallout on pregnant women is well documented in our nuclear energy industry history. It is nothing new: U.S. unspeakable experiments include hundreds of pregnant women fed nuclear material; children given radioactive lemonade to drink, and infants injected with radioactive iodine: <sup>a b</sup>

*Inhuman Radiation Experiments*, John LaForge, *Counterpunch*, April 12-14, 2013:

[An April 17, 1947 memo by Col. O.G. Haywood of the Army Corps of Engineers explained why the studies were classified. "It is desired that no document be released which refers to experiments with humans and might have adverse effect on public opinion or result in legal suits."<sup>c</sup>

Victims included civilians, prison inmates, federal workers, hospital patients, pregnant women, infants, developmentally disabled children and military

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<sup>a</sup> *Inhuman Radiation Experiments*, John LaForge, *Counterpunch*, April 12-14, 2013  
<http://www.counterpunch.org/2013/04/12/inhuman-radiation-experiments/>

<sup>b</sup> Apr 12, 2013 - U.S. Unspeakable Experiments: Hundreds of pregnant women fed nuclear material — Infants drinking radioactive lemonade — "All I could think of was Nazi Germany"

<sup>c</sup> "Radiation tests kept deliberately secret," *Washington Post*, Dec. 16, 1994; Geoffrey Sea, "The Radiation Story No One Would Touch," Project Censored, March/April 1994

personnel - most of them powerless, poor, sick, elderly or terminally ill. Eileen Welsome's 1999 exposé, *The Plutonium Files: America's Secret Medical Experiments in the Cold War*, details "the unspeakable scientific trials that reduced thousands of men, women, and even children to nameless specimens."

[...]

In one Vanderbilt U. study, 829 pregnant women were unknowingly fed radioactive iron. In another, 188 children were given radioactive iron-laced lemonade. From 1963 to 1971, 67 inmates in Oregon and 64 prisoners in Washington had their testicles targeted with X-rays to see what doses made them sterile.

At the Fernald State School, mentally retarded boys were fed radioactive iron and calcium; but, consent forms sent to parents didn't mention radiation. Elsewhere, psychiatric patients and infants were injected with radioactive iodine.

[...]

In a rare public condemnation, Clinton Administration Energy Sec. Hazel O'Leary confessed being aghast at the conduct of the scientists. She told *Newsweek* in 1994: "I said, 'Who were these people and why did this happen?' The only thing I could think of was Nazi Germany." None of the victims were provided follow-on medical care. [...]

## **BC official connects with pregnant moms and newborns after rain radiation levels rise**

### **'No-drink' order in Old Massett BC follows radiation increase<sup>a</sup>,**

Apr 9, 2011 – *Queen Charlotte Islands Observer*, April 8, 2011:

Old Massett (British Columbia) has issued a no-drink order for rainwater after levels of iodine 131, an indicator of radioactivity, were found to be rising. ...

Seeing levels of iodine 131 in rainwater rise steeply (from unmeasurable to 1.1 Becquerels per liter) between March 24 and April 1, [Acting band manager John Disney] ramped up testing to once a day. [He] said the level determined as dangerous, is 6 ...but because the tests are a few days behind, he is worried about continuing increases. ...

As the band manager, he realized he was responsible for the community, so he went to the Health Centre and got a regime going. A private lab in Saskatchewan is doing the tests, which he says can be turned around in 48 hours. He also set the Emergency Preparedness committee in motion to come up with a plan. ...

At the end of the day, the community's health is at stake. So far he has been trying to share the information and post it in public places.

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<sup>a</sup> No-drink order in Old Massett, following radiation increase, <http://www.qciobserver.com/Article.aspx?Id=4908>

He also has a direct email list and a connection with pregnant mothers and those with newborns, who are at a higher risk. He sent the no-drink order to other communities on the islands.

[End]

<>

### **Human embryos in U.S. bio-accumulate radioactive iodine, cesium, strontium - Harvard Med School doctor**

#### **There is no safe exposure to radiation<sup>a</sup>**

Apr 9, 2011 - Radiation from Japan is now detectable in the atmosphere, rain water and food chain in North America. Fukushima reactors are still out of control and hold 10x more nuclear fuel than there was at Chernobyl, thousands of times more than the bomb dropped on Hiroshima.

#### **Bioaccumulation**

Bioaccumulation increases the concentration of many contaminants as one moves up the food chain. Beef is much higher in dioxins than cattle feed and tuna fish have much higher mercury than their marine environment. Radioactive iodine, cesium, and strontium, all beta emitters, become concentrated in the food chain because of bioaccumulation.

#### **At top of food chain are humans, including fetuses & human breast milk - radioactive iodine in the thyroids of mammals**

At the top of the food chain, of course, are humans, including fetuses, and human breast milk.

In 1963, one week after an atmospheric nuclear bomb test in Russia, our scientists observed the magnifying power of bioaccumulation when they detected radioactive iodine in the thyroids of mammals in North America even though they could not detect smaller amounts in the air or on vegetation.

Bioaccumulation is one reason why it is dishonest to equate the danger to humans living 5,000 miles away from Japan with the minute concentrations measured in our air. If we tried, we would now likely be able to measure radioactive iodine, cesium, and strontium bio-accumulating in human embryos in this country. *Pregnant women, are you okay with that?*

#### **Genetic damage of ionizing radiation on humans**

Hermann Mueller, a Nobel Prize winner, is one of many scientists who would not have been okay with that. In a 1964 study, *Radiation and Heredity*, Mueller spelled out the genetic damage of ionizing radiation on humans. He predicted the gradual reduction of the survival of the human species as exposure to radioactivity steadily increased. Indeed, sperm counts, sperm viability and fertility rates worldwide have been dropping for decades.

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<sup>a</sup> Apr 9, 2011 – *There is no 'safe' exposure to radiation*, Salt Lake City Tribune  
<http://www.sltrib.com/sltrib/opinion/51585989-82/nuclear-radiation-scientists-bullets.html.csp>

### **Radiation risks from Fukushima no longer negligible in Europe'**

Independent French radiation commission warns Europe that health risk from Fukushima fallout is “no longer negligible” — Says U.S. west coast has 8-10 times more contamination

Apr 11, 2011 *Radiation risks from Fukushima 'no longer negligible', EurActive*

The risks associated with iodine-131 contamination in Europe are no longer negligible, according to CRIIRAD,<sup>a</sup> an independent French research body on radioactivity. ...

The document, published 7 April, advises against consuming rainwater and says vulnerable groups such as children and pregnant or breastfeeding women should avoid consuming vegetables with large leaves, fresh milk and creamy cheese.

The risks related to prolonged contamination among vulnerable groups of the population can no longer be considered negligible and it is now necessary to avoid risky behavior, CRIIRAD said. ...

[This] is applicable to other European countries, as the level of air contamination is currently the same in Belgium, Germany, Italy and Switzerland, for example.

Data for the west coast of the United States, which received the Fukushima radioactive fallout 6-10 days before France, reveals that levels of radioactive iodine-131 concentration are 8-10 times higher there, the institute says.

<>

#### **What level of radiation can be a risk?**

Euratom<sup>b</sup> Directive of 13 May 1996 establishes general principles and safety standards on radiation protection in Europe. ...Beyond [ten microSieverts per year], possible measures should be considered to reduce exposure, it says. ...

#### **Children to two most vulnerable, ingestion of 50 Becquerel (disintegrations per second) is too much**

CRIIRAD notes the amount of iodine-131 capable of delivering a dose of 10 [microSieverts] varies greatly depending on the age of consumers. Children up to two years old are the most vulnerable and ingestion of 50 Becquerel (disintegrations per second) is enough to deliver to the body a dose of 10 microSieverts, according to the institute.

If the foods (leafy vegetables, milk etc.) contain between one and 10 Bq per kg or more, it is possible that the reference level of 10 [microSieverts] may be exceeded within two to three weeks, the institute added.

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<sup>a</sup> Commission de Recherche et d'Information Indépendantes sur la Radioactivité

<sup>b</sup> European Atomic Energy Community

# 38. Got milk?

## Newsire: Mammal milk (including human)

### Appendix 2

#### Review of the literature

##### Exhibit No. 36

01:47 PM Apr 5, 2011 | 12

-223- Enraged nuclear expert: I'm personally furious at the government for this misleading information that downplays ingesting milk with iodine-131 - No mother should ever have to wonder if the milk she feeds her child might be harmful

11:07 AM Apr 20, 2011 | 7

-347- Radioactive iodine found in breast milk near Tokyo - Mother of 8-month old baby has 980 pCi/kg

03:12 PM Apr 21, 2011 | 6

-360- Half of Japanese women tested show radioactive iodine-131 in breast milk - Highest contamination found 150 miles from Fukushima

09:30 PM Apr 30, 2011 | 49

-413- Cesium detected in breast milk

#### Review of the literature

##### Exhibit No. 37

##### March 2011

06:35 PM Mar 30, 2011 | 17

-176- Radiation from Japan found in milk from Spokane, Washington

##### April 2011

02:28 AM Apr 2, 2011 | 28

-196- California rainwater 181 times drinking water standards for radioactive iodine-131 - government under fire as radiation found in milk and rain

01:47 PM Apr 5, 2011 | 12

-223- Enraged nuclear expert: I'm personally furious at the government for this misleading information that downplays

12:25 PM Dec 5, 2011 | 39

-1924- Local gov't tests kids' lunches: Tokyo nursery school serving milk with 18 Bq/kg of cesium - Over 160x EPA limit - milk industry protests testing

12:01 PM Dec 7, 2011 | 12

-1935- Tokyo mother holding baby: I never thought milk would be affected by Fukushima radiation (VIDEO)

11:22 AM Dec 7, 2011 | 30

-1934- Japan Times: OK for babies to drink radioactive milk... because adults have natural potassium-40 in body

07:47 AM Jan 12, 2012 | 39

-2241- Fukushima mothers mad - newborns exposed to radiation - Officials consider testing breast milk

ingesting milk with iodine-131 - No mother should ever have to wonder if the milk she feeds her child might be harmful

12:09 AM Apr 8, 2011 | 17

-249- Cesium-134 and 137 found in U.S. food supply; organic milk bought in San Francisco Bay Area - UCB Milk Sampling Results, UC & Berkeley Dept. of Nuclear Engineering

09:49 AM Apr 9, 2011 | 42

-265- Phoenix milk sample exceeds EPA's maximum contaminant level for radioactive iodine-131



10:18 AM Apr 9, 2011 | 12

-266- Cesium-137 levels in Vermont milk at 66% of maximum contaminant level allowed by EPA - Cesium-137 has been found in American milk - in Montpelier, Vermont - for the first time since the Japan nuclear disaster began

12:12 PM Apr 9, 2011 | 36

-267- Uranium-234 in Hawaii, So. California, Seattle - EPA RadNet Air Measurement - Uranium, Plutonium, Strontium, Apr 6 2011

06:36 AM Apr 11, 2011 | 12

-277- Health risk from Fukushima fallout - U.S. west coast: 8-10 times more contamination - don't drink rainwater; vulnerable groups - children and pregnant or breastfeeding women - avoid vegetables w/large leaves, fresh milk & creamy cheese

07:41 AM Apr 11, 2011 | 6

-278- Cesium and iodine both at least 600% above EPA's maximum contaminant level in Hawaii milk

10:11 AM Apr 11, 2011 | 12

-282- Vietnam: Uranium-238 in pine needles - 4,000 km from Fukushima - radioactive cloud covers Vietnam

12:40 PM Apr 11, 2011 | 80

-283- Cesium-137 forecast shows high altitude radiation cloud over California, western U.S. April 12 (VIDEO) - Potential dispersion of radioactive cloud after accident in Fukushima

05:23 PM Apr 11, 2011 | 45

-286- Radiation in 3 gallons of milk from Hilo, Hawaii surpasses annual maximum EPA contaminant level

06:25 PM Apr 12, 2011 | 27

-293- Hawaii health official mad at journalist reporting Hilo milk exceeds EPA radiation level then admits he is technically correct

09:11 PM Apr 13, 2011 | 35

-302- UCB test: First time radioactive cesium found in spinach, arugala and kale in S. F. Bay Area

09:02 PM Apr 14, 2011 | 11

-312- Cesium-137 forecast - 'near surface' radiation cloud over Texas, Western U.S. Apr 15, 16 (VIDEO) - EURAD project via Rhenish Institute for Environmental Research, U. of Cologne

07:17 AM Apr 15, 2011 | 30

-314- Radioactive cesium levels rise in milk in San Francisco Bay Area - UCB Milk Sampling Results, UC Berkeley Dept. of Nuclear Engineering

10:18 AM Apr 15, 2011 | 22

-315- Florida rain third most Cs-134, fifth most I-131 of 72 in U.S. - Precipitation, EPA RadNet

11:07 AM Apr 20, 2011 | 7

-347- Radioactive iodine found in breast milk near Tokyo - Mother of 8-month old baby has 980 pCi/kg

03:53 PM Apr 20, 2011 | 11

-353- Pneumonia case surge in Japan Tohoku region - frequency also increased after Chernobyl

04:41 PM Apr 20, 2011 | 11

-354- Highest Yet: UCB finds 13+ pCi/l of Cesium-137 in store-bought milk from San Francisco Bay Area

05:25 PM Apr 20, 2011 | 18

-355- Cesium-134 in Northern California topsoil more than double previous test

06:08 PM Apr 20, 2011 | 54

-356- San Francisco Bay Area milk shows highest Iodine-131 in U.S. since Fukushima crisis began

03:12 PM Apr 21, 2011 | 6

-360- Half of Japanese women tested show radioactive iodine-131 in breast milk - Highest contamination found 150 miles from Fukushima

08:29 AM Apr 22, 2011 | 65

-365- Arizona: I-131 in Phoenix milk 500% higher than EPA top reading anywhere in continental U.S.

06:26 PM Apr 27, 2011 | 84

-397- Strontium in Hawaii Milk

09:30 PM Apr 30, 2011 | 49

-413- Cesium detected in breast milk

*May 2011*

02:08 PM May 3, 2011 | 9

-429- Radionuclide particles on seafloor 1,000x normal level - 20 km from Fukushima plant

01:01 PM May 6, 2011 | 142

-446- Nuclear expert horrified Feds abandon efforts to monitor elevated levels of radiation from Fukushima in nation's water and milk - Daniel Hirsch, a nuclear policy lecturer at the UC Santa Cruz - EPA pattern - no measurements will not concern people

01:56 PM May 6, 2011 | 51

-447- Crew members on Justin Bieber's tour refuse go to Japan for upcoming shows in Tokyo, Osaka because of radiation

04:17 PM May 9, 2011 | 51

-458- U.S. should continue monitoring milk, rain because of Fukushima - always radiation higher than first thought - Canada and U.S. cut back radiation reporting

01:56 PM May 23, 2011 | 71

-568- California finds Iodine-131 in milk sample for first time since March - highest yet

06:49 AM May 25, 2011 | 104

-586- High Cesium-137 level for N. California raw milk

*June 2011*

08:12 AM Jun 14, 2011 | 23

-728- Cesium-134 reappears in Bay Area milk

*August 2011*

02:39 PM Aug 29, 2011 | 54

-1253- Radioactive cesium in San Francisco Bay Area milk close to exceeding EPA's Maximum Contaminant Level

*September 2011*

04:59 PM Sep 15, 2011 | 69

-1365- Both cesium-134 and cesium-137 increase in latest San Francisco Bay Area milk sample (CHART)

05:48 AM Sep 16, 2011 | 47

-1366- AP: Danica Patrick worried about the radiation levels in the food and water during trip to race 93 miles from Fukushima meltdowns

07:28 PM Sep 27, 2011 | 11

-1421- TEPCO employee arrested for making prank calls to TEPCO - Anger over having to eat radiation-contaminated food, say sources

08:35 PM Sep 27, 2011 | 18

-1422- U.S. plan - dump decommissioned reactors in sea

12:55 PM Sep 29, 2011 | 84

-1437- Cesium doubles over past month in Bay Area milk - above EPA maximum contaminant level

*October 2011*

06:18 PM Oct 20, 2011 | 63

-1572- 220 days later: Radiation levels in San Francisco-area milk remain above EPA Max Contaminant Level - Cesium-137 continues steady increase since August

*December 2011*

12:25 PM Dec 5, 2011 | 39

-1924- Local gov't tests kids' lunches: Tokyo nursery school serving milk with 18 Bq/kg of cesium - Over 160x EPA limit - milk industry protests testing

11:22 AM Dec 7, 2011 | 30

-1934- Japan Times: OK for babies to drink radioactive milk... because adults have natural potassium-40 in body

12:01 PM Dec 7, 2011 | 12

-1935- Tokyo mother holding baby: I never thought milk would be affected by Fukushima radiation (VIDEO)

*January 2012*

07:47 AM Jan 12, 2012 | 39

-2241- Fukushima mothers mad - newborns exposed to radiation - Officials consider testing breast milk

07:33 AM Jan 13, 2012 | 10

-2251- Radiation in Miyagi milk - highest since March

Date m/d/yr	<sup>134</sup> Cs Bq kg <sup>-1</sup>	<sup>137</sup> Cs Bq kg <sup>-1</sup>	<sup>131</sup> I Bq kg <sup>-1</sup>
11/18/10	<0.02	0.09(1)	<0.01
3/1/11	<0.02	0.11(1)	<0.02
4/11/11	20.0(1)	24.6(1)	21.29(8)
6/9/11	58.6(2)	73.8(2)	0.15(4)
9/27/11	34.5(1)	48.2(1)	<0.03
10/9/11	22.6(1)	31.8(1)	<0.03
1/4/12	17.43(5)	26.5(1)	<0.02
4/9/12	15.67(5)	26.1(1)	<0.02
9/20/12	14.44(5)	27.3(1)	<0.02
11/25/12	5.26(5)	10.6(1)	<0.02

12:09 PM Jan 16, 2012 | 107

-2279- Over EPA limit: Cesium levels in San Francisco area milk now higher than 6 months ago

Collector's Name: Victoria Brandt		Date/Time Collected: 01/06/2012 15:28			
Site Name: Cal Poly Dairy Farms		Source Name: Winter Forage			
R Number: R 92449		Sample Type: Vegetation			
Sampling Point	Method	Parameter	Result ± CE	MDAs	Units
Harvested 4/1/11	HASL Ga-01-R	Cs-134	0.122 ± 0.00311	0.00603	pCi/g
Harvested 4/1/11	HASL Ga-01-R	Cs-137	0.177 ± 0.00507	0.0137	pCi/g

(Above) The June 9, sample result was 132.4 Bq/kg of cesium 134 + 137 (3,579 pCi/kg).

Measurements of Fission Products from the Fukushima Daiichi Incident in San Francisco Bay Area Air Filters, Automobile Filters, Rainwater, and Food, Dec. 27, 2013: A variety of environmental media were analyzed for fallout radionuclides from the Fukushima nuclear event. Winter forage vegetation at the California dairy farm had combined cesium 134 + 137 equaling 0.299 pCi/gram or 299 pCi/kg.

Cesium-134 levels would be even higher than reported due to the 9 months of radioactive decay that took place before testing occurred (37.5% into its 2-year half-life).

No reason is stated for the 9-month gap between when the vegetation sample was harvested and when it was tested.

[View more California milk testing results here](#)

-7099- California: Cattle feed at California dairy farm - 300 pCi/kg radioactive cesium after Fukushima; 9-month gap between when sample harvested and when received by lab - UC Berkeley study - 3,500 pCi/kg of cesium on nearby roadside (CHARTS)

*February 2012*

06:28 PM Feb 7, 2012 | 151

-2519- Highest level of radioactive cesium in San Francisco-area milk since September 2011 - 150% of EPA's maximum limit (CHART)

*April 2012*

11:59 AM Apr 10, 2012 | 70

-3047- San Francisco Bay Area milk - highest Cesium-137 since last June - double EPA max contaminant level

*September 2012*

01:52 AM Sep 3, 2012 | 111

-4175- Radioactive contamination in Western U.S. and Hawaii -concern in water and milk sources -CBS (VIDEO)

*February 2014*

01:01 AM Feb 14, 2014 | 195

-7093- Radioactive cesium levels never seen before at Fukushima - New record as amount in groundwater nearly doubles in 24 hours - IAEA urges resumption of dumping contaminated water in ocean (VIDEO)

-8036.0- 05:43 PM Feb 15, 2014 | 230

**Cattle feed**

-7099- California: Cattle feed at California dairy farm - 300 pCi/kg radioactive cesium after Fukushima; 9-month gap between when sample harvested and when received by lab - UC Berkeley study - 3,500 pCi/kg of cesium on nearby roadside (CHARTS)

-7099.1- West Coast will be hit by 800 Trillion Bq of Fukushima Cesium-137 - Nearly equal to fallout deposited on Japan - Levels in Pacific higher than expected - Main body of surface plume reaches off coast of U.S. - Never slowed down while crossing ocean, contrary to prediction Jun 7, 2015

-7099.2- Fukushima airborne plumes - deposition of radioactivity over N. America - West Coast and eastern U.S. - 13% of radioactive iodine released to atmosphere deposited over USA and Canada (MAP) Feb 14, 2014

-8036.9- Top Hawaii health official calls out Forbes' journalist for reporting Hilo milk exceeds EPA radiation level... then admits he is technically correct 4/12/11

April 12, 2011

-8385.7- [Apologist]: OK for babies to drink radioactive milk - adults have natural potassium-40 in body 12/7/11

*November 2014*

03:00 PM Nov 5, 2014 | 265

-8489- Emergency radiation testing used at Democrat and Republican conventions after Fukushima; Also 2<sup>nd</sup> Obama inauguration - Seafood, meat, vegetables, milk, water checked for nuclear fallout, officials publicly downplay crisis - 80% of milk samples by Orlando, FL significant Cs-137

*March 2016*

09:16 AM Mar 22, 2016 | 218

**100% death rate of baby seals on Calif coast**

-8792- 100% death rate of baby seals on Calif. coast - None survive - starve, suffer

from shortage of food in Pacific Ocean - all sorts of illnesses, infections - milk-less moms abandon pups - Problem worsens (VIDEOS)

**Fish bleed from face, bloody entrails come out**

12:05 AM Mar 18, 2016 | 1,185

-8791- Sick animals wash ashore in Alaska - Fish bleed from faces, bloody entrails come out of bodies - aware of possibility of Fukushima radiation affecting ocean life (PHOTOS)

**Radiation in ocean off Fukushima highest levels in years**

06:29 PM Mar 16, 2016 | 979

-8790- - Out of control leakage from plant - spikes radioactivity - 1,000s of tons of contaminated liquid released - Japan gov't cover up (AUDIO)

# 39. Animal Lovers

## Newswire: Animal lovers

[Editor's note: Sample (following); complete listings: [www.enenews.com](http://www.enenews.com); our quick quick reference guide to [enenews.com](http://enenews.com), see our free database.

### Appendix 3

#### Review of the literature

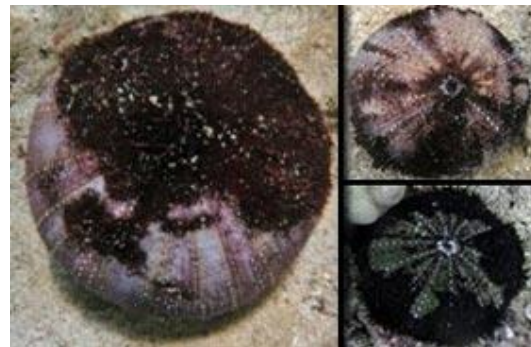
Exhibit No. 38

05:49 PM Feb 1, 2015 | 308

-8554- West Coast: Animals dying on beaches - like walking skeletons; so hungry they gnaw on rocks; skin hanging off (VIDEOS)

09:37 AM Feb 2, 2015 | 226

-8555- CBS: Marine mammals wash up in Calif - entire coast affected - whole population hit hard... animals of all ages sick, not only newborns - (VIDEO)



**Sea urchins**

04:26 PM Jan 22, 2015 | 204

-8546- Gov't: Sea urchins insides empty, bare skeletons, black lesions in Hawaii - Birds die of unusual cancers, rarely seen in wildlife (PHOTOS)

10:43 PM Jan 21, 2015 | 432  
-8545- TV: Gov't approves plan to drain Fukushima nuclear waste into ocean - Professor: Monitoring necessary to detect worrisome signals - Expert: it's completely unsafe... impossible to remove 100s of radioactive materials - 1,200 radionuclides, only 62 reduced - Fisherman: Can't trust TEPCO (VIDEO)

12:17 PM Jan 21, 2015 | 167  
-8544- Study: Fukushima plume spreads worldwide, far exceeding the hundreds of miles mentioned previously - 100 Quadrillion becquerels of Cs-137 released tops Chernobyl

02:48 PM Jan 20, 2015 | 215  
-8543- California Coast: Mass starvation of seabirds (VIDEO)

03:43 AM Jan 20, 2015 | 255  
-8542- Multiple deaths at Fukushima nuclear plants - Worker dies after plunging over 30 feet into water tank - Another killed from severe head injury after caught in equipment - TEPCO warned last week about soaring number of worker injuries

11:28 AM Jan 19, 2015 | 151  
Hawaii coral worst condition ever  
-8541- TV: Hawaii coral in worst condition scientists have ever seen - like a ghost town - would not typically see entire colonies bleached, Gov't map of maximum bleaching alert area in Pacific mirrors Fukushima plume model since 2011 - (VIDEO)

03:21 PM Jan 18, 2015 | 299  
-8540- Sea creatures sick, dying or disappearing at alarming rate all along Pacific coast... Some wonder if it's fallout from Fukushima - NYT: Ocean Life Faces Mass Extinction - Study: We may be on precipice of major extinction event in marine wildlife (VIDEO)

#### **White spots on cows around Fukushima plant**

12:13 PM Jan 5, 2014 | 95  
-6885- ABC News: Gov't, scientists 'baffled' over white spots on cows around Fukushima plant - Farmer: No one knows what they are, I think it's from radiation; our town's contaminated like Chernobyl... we were just thrown away like trash - Officials order the animals slaughtered (VIDEOS)

# 40. Stillborn

## Newsire: Stillborn

### Appendix 4

#### **Review of the literature**

Exhibit No. 39

*January 2012*

06:41 PM Jan 19, 2012 | 101  
-2317- 20,000 excess U.S. deaths after Fukushima, not 14,000? ... looks at age groups, cities- VIDEO

*April 2012*

09:34 AM Apr 17, 2012 | 49  
-3096- 28 of every 100 Fukushima pregnancies miscarriage or abortion - we don't believe the rumor, we want to confirm it is groundless - says survey leader

12:45 PM Apr 17, 2012 | 78  
-3097- Senator: I'm about Unit 4 fuel pool - It's clear there are substantial health questions (VIDEO) Dead fetuses in mothers' wombs, malformations - can't say what is caused by radiation

*August 2012*

01:11 PM Aug 30, 2012 | 27  
-4143- NPO Chairman from Japan: I saw girls who changed to be boys when visiting Chernobyl area



12:08 PM Aug 30, 2012 | 30  
-4142- Fukushima gov't trying to stamp out 'harmful rumors' - Officials target leader who talked of deformed babies

*December 2013*

10:38 AM Dec 27, 2013 | 198  
-6853- **Fukushima** nuclear disaster victims to include up to **600,000 deaths, 100,000 still-births, 100,000 children with genetic deformations-**

*August 2015*

**Baby Elephant seals & sea lions die of leukemia-linked disorder**

03:53 PM Aug 26, 2015 | 517  
-8702- California Coast: Many baby seals dying of leukemia-linked disorder- 1/3 of recent deaths at San Francisco Bay rescue center (CHART)

**More dead babies in Japan**

09:59 AM Aug 28, 2015 | 1,127  
-8703- Radiation Expert: Horrific health toll from Fukushima - Impossible not to be moved by scale of deaths and suffering - Thousands to die of cancer and that's just the tip of the iceberg - Number of dead babies significantly increased in many areas of Japan - Government actions unconscionable (AUDIO)

*April 2016*

08:14 AM Apr 18, 2016  
-8806- **Human babies** - Fukushima: extra arms & legs <sup>a</sup> (**polymelia**), extra fingers

<sup>a</sup> Surge in babies born with extra arms, legs after Fukushima - I feel officials know the cause is radiation - many get abortions to avoid 'inconvenient' babies - High number of stillbirths - Many people report cancer, far from Fukushima (VIDEO)

<sup>b</sup> Rapid rise in babies with missing brains and protruding spines - actual number higher than officials report (VIDEO)

<sup>c</sup> {see footnote at -3624.1-} Hope Burwell wrote, On my first trip to Chernobyl in November 2000, I spent three days touring schools in Cherikov and the even more contaminated areas of the Mogilev district. Then we traveled to children's hospitals in Minsk. What I saw there still shows up in nightmares: children with eyes in the sides

(polydactyl); Washington: no brains, protruding spines <sup>b</sup>; Chernobyl: brains outside head; many arms & legs, misshapen bodies; cyclops with no face, mouth or limbs; also see<sup>c</sup>; Missouri: cancer clusters, double sets of teeth, missing eyeballs, brain tumors <sup>d</sup> Fallujah, Iraq: deformed, no heads, two heads, cyclops, scales, missing limbs; Kazakhstan - 29 fetuses found at uranium site; India - born with **partially formed skulls**, blood disorders, **missing eyes or toes, fused fingers and brittle limbs - children with mutations, - deformed heads, lopsided bodies, 'toad skin', eyelids turned inside out; school built using radioactive waste part of community outreach project - (VIDEO); Utah - (historical) piles of dead lambs - 2 heads, no legs - no eyes or mouths - legs grown together**

**Lambs, farm animals, cats, dogs**

-8806.1- **(historical) Piles of dead lambs with 2 heads, no legs - born without eyes or mouths - legs grown together;** cats & dogs: St. George, Utah & Walla Walla, Ritzville, Hanford, WA - (VIDEOS)

-8806.2- Surge in babies born with extra arms, legs after Fukushima - I feel officials know the cause is radiation - many get abortions to avoid 'inconvenient' babies - High number of stillbirths - Many people report cancer, far from Fukushima (VIDEO)

-8806.3- babies born w/no brain, and protruding spines by Hanford- also see

of their heads, and children with no eyes at all, children with fingers that look like toes and children whose genitals are so poorly formed one can't determine their sex. Those nightmares are audible with infant wails like the cries of wounded wild animals.

<sup>d</sup> <http://www.stlmag.com/news/think-again/The-Poisoned-Children-of-Coldwater-Creek/> excerpt: Wright says there are a stunning number of reports of infertility, in addition to the birth-defect cases. There have been three separate cases of conjoined twins (a statistical anomaly). There were three babies born with only one ear, another without either eyeball.

babies w/extra fingers born in Japan;  
Chernobyl Legacy by Paul Fusco

-8806.4- Radiation effects on fetuses:  
Nuclear radiation deforms genes - twins  
attached by organs growing outside body,  
1-eyed cyclops, babies with giant heads -  
respond to people (GRAPHIC PHOTOS &  
VIDEO)

-8806.5 Kazakhstan: Jars of stillborn,  
aborted and abandoned babies. body parts  
at nuclear waste site

-8806.6- 10:04 AM Mar 23, 2016 | 980 <>  
Cemetery of dead babies missing brains  
next to U.S. nuclear site - Funeral Director:  
Almost all infants we have died the same  
way... that's pretty much all I see on death  
certificates - Few miles from most  
contaminated place in hemisphere - One of  
largest documented anencephaly clusters  
in U.S. history (VIDEO)

-8806.7- Children with mutations on  
almost every street - deformed heads,  
lopsided bodies, toad skin, and eyelids  
turned inside out - school built using  
radioactive waste part of community  
outreach project (VIDEO)



-8805- **Dead, conjoined baby gray whales  
found on West Coast of N. America - 2  
heads - 2 tails, joined in middle** (PHOTOS  
& VIDEO)

*May 2016*

12:38 PM May 5, 2016

-8812- 60,000,000 killed by nuclear fallout  
- 120,000,000 cancers from radioactive  
releases - doesn't include millions more  
dead babies and fetuses - war crime far  
greater than any in recorded human history  
(VIDEO)

11:44 AM May 16, 2016 | 579

-8816- Largest amount of Fukushima  
radiation fell on U.S. West Coast & Pacific -  
no complaints from U.S. - more radiation on  
way - need to know impact

12:29 AM Feb 25, 2013 | 22

-5420- Gundersen: We're getting reports  
from Japan of deformed children, troubled  
pregnancies after Fukushima (AUDIO)

09:34 AM Apr 17, 2012 | 49

-3096- 28 of every 100 Fukushima  
pregnancies result in miscarriage or  
abortion - we don't believe the rumor, we  
want to confirm it is groundless - says  
survey leader

07:27 PM Jun 6, 2012 | 129

-3524- Tsunami debris on Oregon coast.  
Biologists shocked - rethink (VIDEO)

-3624.1- Radiation hitting L.A. streets  
(includes description of Chernobyl kids  
w/eyes on sides of head, etc.)  
[http://drsircus.com/world-news/radiation-  
hitting-streets-la/](http://drsircus.com/world-news/radiation-hitting-streets-la/)

All God created is intentionally desecrated by the banker-owners  
of the nuclear energy industry.

# 41. Portland

## Newswire: Portland, Seattle, Vancouver B.C., California, Mexico, Pacific Rim

### An unspoken argument to legally execute NRC commissioners



## Newswire: Portland

### Review of the literature

Exhibit No. 40

06:34 AM Nov 16, 2011 | 84

-1802- Gundersen: Radiation precautions near Seattle, Vancouver, Portland? Perhaps you need to wash your shoes... and other things (VIDEO)

11:20 PM Aug 27, 2013 | 97

-6265- [Seaborne] Radioactive plume to impact West Coast in a year - Not going away ... gets stronger - Fukushima will release radionuclides for years - demand officials test fish (AUDIO)

08:19 PM Dec 8, 2011 | 103

-1947- Gundersen: If in Oregon, Wash., Calif. demand officials test how Fukushima fallout has affected rivers and fish - Significant radiation hit west coast - settled in on Cascades (VIDEO)

Exhibit No. 3

09:43 AM Dec 22, 2011 | 25

-2067- West Coast - cancer increase from Fukushima fallout - After Japan, most radioactive is Cascades - Portland cesium at 100 Bq/m<sup>2</sup> (VIDEO)

12:47 PM Apr 6, 2012 | 23

-3020- Boulder, Colorado a hot spot for Fukushima fallout - None of their other U.S. or Canadian samples came close to Boulder's contamination, except Portland - which was even higher

02:21 PM Apr 6, 2012 | 62

-3021- Ambassador Murata writes to UN Secretary General: It is no exaggeration to say the fate of Japan and the whole world depends on No. 4 reactor - Appeals for independent assessment team

11:27 AM Apr 6, 2012 | 81

-3019- if No. 4 collapses - Common Spent Fuel Pool with 6,375 fuel rods in jeopardy - Would affect us all for centuries

02:09 PM Nov 21, 2013 | 72

-6721- Oregon Official: Reports coming in of seafood with radioactive contamination, they're kind of secretive, they don't want to give up their sources-<sup>21</sup>- Locals concerned about impact Fukushima having on area fish (VIDEO)

## Review of the literature

Exhibit No. 41

August 2011

11:30 AM Aug 19, 2011 | 70

1180 -<http://enenews.com/fukushima-mom-comes-to-portland-10-year-old-son-started-having-symptoms-nose-bleeding-and-fevers>

November 2011

12:00 AM Nov 1, 2011 | 229

-1658- Portland-area topsoil - with up to 8,000 pCi/kg of cesium from Fukushima - Over 10,000% higher than highest levels found by UC Berkeley

### More thoughts from Arnie Gundersen

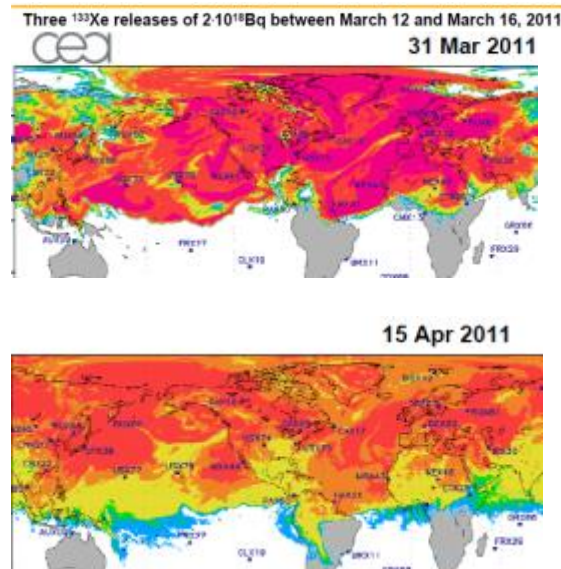
#### Impact of Fukushima radiation on the ocean

The Impact of the Fukushima Radiation on the Ocean, EcoReview, Community Television of Santa Cruz County, Dec. 7, 2011:

*[Excerpted from an interview with Arnie Gundersen, Chief Engineer, Fairewinds Associates; Nuclear Engineering, Safety, and Reliability Expert; Federal and Congressional hearing testimony and Expert Witness testimony; Former Senior Vice President Nuclear Licensee; Former Licensed Reactor Operator; 39-years of nuclear industry experience and oversight]*

At 53:35 in - I think if you're on the west coast and the Cascades you need to demand more of your - you know Oregon, Washington State, California - of your local officials, or of the federal government, to look into what's in the fish. Not just the saltwater fish ...but, also what's rained out on the land and is now in the local rivers.

At 55:10 in: It was a wave ...significant radiation hit the west coast and settled in on the Cascades

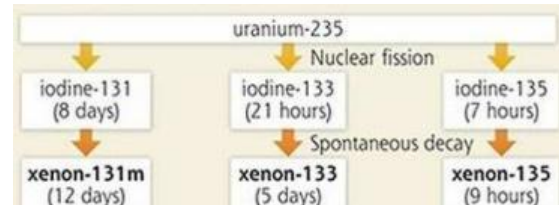


DO NOT USE RADIOIODINE (I-131) FROM JAPAN earthquake and nuclear incident alert.html. Radioiodine was detected March 25, March 31, April 7 and April 14, 2011. Levels detected were 0.047, 0.137, 0.043 and 0.004 pCi/m filters collected before and after these dates had no detectable radioiodine.

<sup>1</sup>Sample contained 2072.0 ± 72 pCi/kg <sup>131</sup>I and 503.0 ± 29 <sup>137</sup>Cs. This was not a result of WCGS operation, but is attributed to the Fukushima nuclear incident in Japan.

<sup>2</sup>No iodine or cesium detected in resample.

Artificial radiation (μGy h <sup>-1</sup> )	Te-132	I-131	Cs-137	Cs-134	I-132	Cs-136
2.897	0.203	0.116	0.087	0.956	1.506	0.029



12:05 PM Nov 1, 2011 | 21

-1662- Hot particles-at 2 out of 3 U.S. monitoring stations in April, including

Boston - increase in cancers, especially on West Coast (VIDEO)

12:00 AM Nov 1, 2011 | 229



-1658- Portland-area topsoil with up to 8,000 pCi/kg of cesium from Fukushima -

Over 10,000% higher than highest levels found by UC Berkeley

## **Radiation hitting streets of Los Angeles**

-3624.1- Radiation hitting L.A. streets (includes description of Chernobyl kids w/eyes on sides) of head, etc.

<http://drsircus.com/world-news/radiation-hitting-streets-la/>

Excerpts from article referenced in -3624.1- (above), as follows:

The plume from the burning graphite at Chernobyl traveled in a northwest direction toward Sweden, Finland and Eastern Europe, exposing the public to levels up to 100 times normal background radiation.<sup>22</sup>

Hope Burwell wrote, On my first trip to Chernobyl in November 2000, I spent three days touring schools in Cherikov and the even more contaminated areas of the Mogilev district. Then we traveled to children's hospitals in Minsk.

What I saw there still shows up in nightmares: children with eyes in the sides of their heads, and children with no eyes at all, children with fingers that look like toes and children whose genitals are so poorly formed one can't determine their sex. Those nightmares are audible with infant wails like the cries of wounded wild animals.

Burwell reported 23% of Belarus was contaminated with Chernobyl's fallout, 32,592 square miles.<sup>23</sup> The average level of contamination on the polluted territories, 37 curies (Ci) per square kilometer ...37Ci/km<sup>2</sup>. The International Atomic Energy Agency (IAEA) sets the safe-for-residency limit at a maximum of 5Ci/km<sup>2</sup>.<sup>24</sup>

Western predictions of Chernobyl's consequences were based on Hiroshima-Nagasaki data, and on the then-current belief iodine-131 had a low carcinogenic potential.

But, within a year after the accident, Belarus scientists reported an increase in a rare childhood thyroid cancer to 5,000 times its spontaneous occurrence in clean countries.

According to the 2000 report on Minsk's United Nations Development Program (UNDP), life expectancy in Belarus in the 1960s was almost level with that in Western Europe. By 1999, 13 years after Chernobyl, it had fallen 12-14 years for men and 7-9 years for women. A baby boy born in rural Belarus today can expect to live 59 years.

Nearly half of Belarus's teenagers have serious health problems.

Of those graduating from high school, 45-47% have physical disorders ...like, gastrointestinal anomalies, weakened hearts, and cataracts; 40% of them have chronic blood disorders and malfunctioning thyroids.

The number of handicapped adolescents has tripled in the last decade.

It has always been known ionizing radiation in higher doses than background levels can cause increases in cancers and leukemia as well as cause genetic mutations (that affect future generations).



This is what we are facing today in Japan, Hawaii, the continental United States, Canada and Europe: all received too much radiation from Fukushima.

Radiation is pouring out of Fukushima and ~~that radiation~~ is hitting the streets of Los Angeles quite hard.

In April 2012 environmental journalist and *LA Weekly* contributor Michael Collins, an independent who has tested over 1500 samples since the Fukushima earthquake of 2011, was shocked to find radiation levels in falling rain over L.A. measured five times above normal.<sup>25 26 27</sup>

Radiation can damage our bodies by breaking the chemical bonds in our cells.<sup>28</sup>

The greatest human experiment with radiation exposure is taking place in the Ukraine and Byelorussia, where much of the 50 million curies the Soviet government says were released by the 1986 accident at Chernobyl is being felt.<sup>29</sup> (As a reference point, the Hiroshima and Nagasaki bombs released an estimated one million curies.)<sup>30</sup>

TEPCO has reported on what happens in Fukushima. An estimated 1.6 billion becquerels of radioactive materials were released, compared with 500 million becquerels when the double doors of the building of reactor No. 1 were opened, one day in May.<sup>31</sup>

### **Monday morning in Washington D.C.**

**Oct. 31** - Monday morning in Washington D.C., Marco Kaltofen, PE, of the Department of Civil & Environmental Engineering at Worcester Polytechnic Institute in Massachusetts, [discussed current issues concerning radiation exposure in Japan](#). Kaltofen is a Massachusetts Registered Professional Engineer engaged in the investigation of nuclear material release. He investigated the transport of radioactive particles in his dissertation research at WPI.

Here are excerpts from the description for his presentation, 'Radiation Exposure to the population in Japan after the earthquake':

The Fukushima nuclear accident dispersed airborne dusts that are contaminated with radioactive particles. When inhaled or ingested, these particles can have negative effects on human health that are different from those caused by exposure to external or uniform radiation fields.

A field sampling effort was undertaken to characterize the form and concentration of radionuclides in the air and in environmental media which can accumulate fallout. Samples included settled dusts, surface wipes, used filter masks, used air filters, dusty footwear, and **surface** soils.

Isolated U.S. soil samples [outskirts of Portland, OR](#) contained up to 8 nanoCuries per Kg of radiocesium, while control samples showed no detectable

radiocesium. More: [Radiation Exposure to the Population in Japan After the Earthquake](#).

According to UC Berkeley, the highest cesium content in topsoil for each location sampled was fairly consistent throughout California:

Sacramento, CA Topsoil on Aug. 16, 2011:  
Total Cesium @ 2.737 Bq/kg

San Diego, CA Topsoil on June 29, 2011:  
Total Cesium @ 2.51 Bq/kg

Oakland, CA Topsoil on Sept. 8, 2011: Total  
Cesium @ 2.55 Bq/kg

Sonoma, CA Topsoil on Apr. 27, 2011: Total  
Cesium @ 2.252 Bq/kg

Alameda, CA Topsoil on Apr. 6, 2011: Total  
Cesium @ 2.52 Bq/kg

The highest cesium levels of any topsoil measurements by UC Berkeley since the crisis began was 2.737 becquerels/kg in Sacramento. This is equal to 73.9 picocuries/kg. ([Conversion](#): 27 picocuries = 1 becquerel)

## According to Kaltofen

According to Kaltofen, the highest cesium levels detected in U.S. surface soil were up to 8 nanoCuries per Kg of radiocesium in the outskirts of Portland, OR.

According to Kaltofen, the highest cesium levels detected in U.S. surface soil were up to 8 nanoCuries per Kg of radiocesium in the outskirts of Portland, OR.

Kaltofen's highest findings were up to 108 times greater than the highest findings by UC Berkeley.

Before Kaltofen's finding, the highest cesium content in US topsoil post-Fukushima was 700 picocuries/kg near Reno at the base of the Sierra Nevada Mountains by a person affiliated with the University of Nevada. However, this was only preliminary and appears to not have been confirmed.<sup>a</sup>

Though we do not know what location in the U.S. Kaltofen's samples were from (hopefully that information will soon be made available, [for update, see below]; we do know that UC Berkeley samples were taken in areas that had some of the highest radiation readings in the nation post-Fukushima.

Finally, Kaltofen's control surface soil samples (known to be unaffected by Fukushima fallout) showed no detectable radiocesium, meaning the 8,000 pCi/kg finding of cesium was caused by the triple meltdowns in Japan rather than leftover from atomic weapons tests decades ago.

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<sup>a</sup> [See: [700 pCi/kg of Cesium-137 found in soil from base of Sierra Nevada mountains according to preliminary data](#)]

UPDATE 1: The [slideshow from Kaltofen's presentation is now available online](#) via the Fairewinds website. However, it does not provide any specific information on the cesium detection in the U.S. The only additional mention on this topic is that U.S. samples had only two isolated Cs-134 and Cs-137 detections in soil. It shouldn't take too long before we find out how many U.S. samples were tested, where they were from, and what results and minimum detectable amounts were.

UPDATE II: In [Arnie Gundersen's latest video he says](#): There is also data that indicates contamination on the ground in the Cascades, which are a mountain range right up against the Pacific Ocean. The only other time he mentions a specific location for ground contamination is, The Rocky Mountains stopped most of the radiation and deposited it on the ground. Gundersen says there is 'data' about the Cascade's ground contamination, where his statement about the Rockies was more general – So, it looks like it was somewhere around the Cascade range in the Pacific Northwest.

01:49 PM Sep 7, 2011 | 40

-1313- [Cesium-137 levels in Northern California soil highest since Fukushima - UC Berkeley blames nuclear weapons tests 50+ years earlier](#)

[Cesium-137 in soil 40 km NW of Fukushima Daiichi more than highest levels found at Chernobyl March 26, 2011](#)

12:47 PM Apr 6, 2012 | 23

-3020- [Head Researcher: Boulder, Colorado a hot spot for Fukushima fallout - None of their other U.S. or Canadian samples came close to Boulder's contamination, except Portland - which was even higher](#)

[Cesium-137 levels continue to rise in San Francisco Bay Area topsoil May 3, 2011](#)

12:05 PM Nov 1, 2011 | 21

-1662- [Hot particles at 2 out of 3 U.S. monitoring stations in April, including Boston - increase in cancers, especially on West Coast \(VIDEO\)](#)

07:55 AM Jun 11, 2011 | 110

-703- [Highest level of Cesium-137 in Bay Area topsoil since April.](#)

Title: [Kaltofen's soil measurement 100X UCB's? - 296 becquerel/kg?](#)

Source: UC Berkeley Department of Nuclear Engineering Forum

Date: April 5, 2012 <> *Submitted 2012-04-05 19:51 PT*

My group measured soil, air filter and dust samples from Washington, Oregon, California, and British Columbia. This particular soil sample, with 8 pCi/g of radiocesium, was our highest North American result. It came from a site on the outskirts of Portland, OR.

The next highest result came from a site near Boulder, CO.

Except for follow-up samples near these two sites, no other US or Canadian samples came close to the levels of radiocesium in these hot spots.

Given the nature of radioactive fallout, this is an expected result. Both hot spots are likely due to rainouts that took place during March or April 2011. A [recent study by the USGS](#), Fission Products in National Atmospheric Deposition Program-Wet Deposition Samples Prior to and Following the Fukushima Dai-Ichi Nuclear Power Plant Incident, March 8-April 5, 2011", found remarkably similar

results. The USGS study was more detailed, (and more with a much bigger budget), and found evidence of rainouts at Portland and Boulder. When you collect a lot of samples, some are bound to be much higher than the average. - Marco Kaltofen

[Editor's note: *This comment appears consistent with Kaltofen's communication style and past statements. Read the report here.*]

### Related Posts

Canadian University Scientist: Test seafood for Fukushima contamination - Continuous inputs for 2 years and counting will lead to ample opportunity for re-concentrating up food chain - Simply not enough being done on this side of Pacific

August 22, 2013

NRC email on potential contamination of Alaska waters from Fukushima radiation Jan 11, 2012

National Geographic: 3 years for contamination to reach U.S. coast from Fukushima, scientist estimates Aug 7, 2013

Nuclear Researcher: Mutant microorganisms thrived in melted fuel at Three Mile Island - Sounds like something you'd see on Star Trek says host (VIDEO)

Isolated U.S. soil samples [outskirts of Portland, OR](#) contained up to 8 nanoCuries per Kg of radiocesium, while control samples showed no detectable radiocesium.

### Review of the literature

Exhibit No. 42

*November 2011*

06:34 AM Nov 16, 2011 | 84

-1802- Radiation precautions for areas near Seattle, Vancouver, Portland? Perhaps you need to wash your shoes... and other things (VIDEO) - Gundersen



*December 2011*

09:43 AM Dec 22, 2011 | 25

-2067- West Coast - We'll see a statistically meaningful increase in cancer from Fukushima radionuclides on West Coast - After Japan, most radioactive area is Cascade Mountains - Portland had/has cesium at 100 Bq/m<sup>2</sup> (VIDEO)

*January 2012*

01:51 PM Jan 18, 2012 | 40

-2304- USA TODAY: **Official concerns over uncontrolled nuclear reaction risks inside Hanford plutonium facility near Portland**

*February 2012*

08:48 AM Feb 23, 2012 | 19

-2672- Portland-area highest Iodine-131 deposition in U.S. at 5,100 Bq/m<sup>2</sup> by April 5 -Gov't Study

08:08 AM Feb 23, 2012 | 48

-2671- USGS: Los Angeles area had highest cesium deposition in U.S. after Fukushima

*March 2012*

12:05 AM Mar 26, 2012 | 61

-2922- Fairewinds president: Organic farm in Portland stopped producing food after radiation tests - very frightening what happened on West Coast (VIDEO)

*April 2012*

12:47 PM Apr 6, 2012 | 23

-3020- Head Researcher: Boulder, Colorado a hot spot for Fukushima fallout - None of their other U.S. or Canadian samples came

close to Boulder's contamination, except Portland which was even higher

*June 2012*

07:27 PM Jun 6, 2012 | 129

-3524- Tsunami debris on Oregon coast - rethink everything (VIDEO)

-3624.1- Radiation hitting L.A. streets (includes description of Chernobyl kids w/eyes on sides of head, etc.) <http://drsircus.com/world-news/radiation-hitting-streets-la/>

*August 2013*

09:56 AM Aug 19, 2013 | 39

-6207- Sockeye salmon at dire historic low on Canada Pacific coast - We think something happened in the ocean - Elders have never seen anything like this - Alaska, Russia affected (MAP)

-6207.1- *Gundersen*: We will see top of food chain animals like tuna and salmon bioaccumulate. FDA is not monitoring fish entering United States. By 2013 we might see contamination of the water and the top of the food chain fishes on the West Coast.

*January 2014*

07:40 PM Jan 29, 2014 | 145

-7025- Fukushima fallout in U.S. - Dose in Northeast and Great Lakes equal to West Coast (GRAPHIC) French Institute of Radioprotection & Nuclear Safety (IRSN, 2012): 73 radionuclides were released by Fukushima. One might argue low impact concluded in our study claiming only radiocesium has been studied instead of 73 radionuclides emitted.

-7024- Scientist Marco Kaltofen found areas with considerably higher radiocesium deposition than 500 Bq/m<sup>2</sup> - University Researcher: Portland-area topsoil with up to 8,000 pCi/kg of cesium from Fukushima -- 10,000% higher than highest levels found by UC Berkeley

-7023- All of Western U.S. and most of East Coast, Midwest, Canada covered with airborne particles at various altitudes on March 20, Fukushima plume model shows - Based solely on Reactor No. 1 explosion (PHOTO)

-7022- Follow-up to: U.S. Regulator: We've got to stop labs from testing for Fukushima radiation - Tell them to back off - Worried about them talking to press about 'consequences'

-7021- Following study appeared in Journal of Environmental Radioactivity. A previous report: New Study - Aerosolized plutonium from Fukushima detected in Europe - spent fuel indicated - based on abstract available online.

-7020- Lujanien et al., Radionuclides from Fukushima accident in air over Lithuania: measurement & modelling approaches, *ibid.* (2012)

-7019- Study shows Fukushima nuclear pollution becoming more concentrated as it approaches U.S. West Coast - Plume crosses ocean in a nearly straight line toward N. America - Appears to stay together with little dispersion (MODEL) Aug 20, 2013

-7018- Gov't model shows West Coast of N. America to get highest level of Fukushima contamination until 2030s (VIDEO) Nov 26, 2013

-7017- UPI: Fukushima plume to reach U.S. West Coast in months; Measurable increase in radioactive material - Study: Prolonged exposure for California lasting 10 years; Hits Hawaii early 2014... may already be surrounded (PHOTO) Aug 28, 2013

-7016- Those lacking wisdom expected Fukushima plume to disperse before hitting West Coast - In reality sharp features detected after several days travel (PHOTO) Dec 2, 2013

-7015- Experts: Fukushima plume headed to West Coast isn't just going to pass by like smoke, plant continues to spew into ocean; Pacific to be full of contamination, it's a gigantic experiment - Amazing how many people are in denial (VIDEO) Nov 15, 2013

-7014- West Coast will soon be hit by 800 trillion Bq of Fukushima Cesium-137 -



nearly equal to amount of fallout deposited on Japan - levels in Pacific higher than expected - Main body of surface plume reaches off coast of U.S. - **never slowed down crossing ocean, contrary to prediction** Jun 7, 2015

07:40 PM Jan 29, 2014 | 145

-7025- Fukushima fallout in U.S. - Dose in Northeast and Great Lakes equal to West Coast (GRAPHIC) French Institute of Radioprotection & Nuclear Safety (IRSN, 2012): 73 radionuclides were released by Fukushima. One might argue low impact concluded in our study claiming only radiocesium has been studied instead of 73 radionuclides emitted.

-7024- *Scientist Marco Kaltofen found areas with considerably higher radiocesium*

*deposition than 500 Bq/m<sup>2</sup>*-University Researcher: Portland-area topsoil with up to 8,000 pCi/kg of cesium from Fukushima -- 10,000% higher than highest levels found by UC Berkeley

-7023- All of Western U.S. and most of East Coast, Midwest, Canada covered with airborne particles at various altitudes on March 20, Fukushima plume model shows -- **Based solely on Reactor No. 1 explosion** (PHOTO)

-6207.2- *Gundersen*: Federal and state agencies are not measuring this - I've been trying to get people in Oregon and Alaska to demand of their state: check salmon, it is not difficult.

*Gundersen*: I've been trying to get people in Oregon and Alaska to demand of their State: check salmon, it is not difficult. Federal and State agencies are not measuring this.

## 42. Seattle

### Review of the literature

Exhibit No. 43

*November 2011*

06:34 AM Nov 16, 2011 | 84

-1802- Radiation precautions for areas near Seattle, Vancouver, Portland? Perhaps you need to wash your shoes... and other things (VIDEO)

*July 2012*

09:31 PM Jul 7, 2012 | 55

-3740- Gundersen: Just tested an air filter w/highest radioactivity in North America after Fukushima Daiichi - in Seattle HEPA filter used since 3/11 (VIDEO)

**Vancouver B.C. & Seattle: 220,000,000 atoms of Fukushima Iodine-129/liter of rainwater evacuation level is 40 atoms/liter**

### **15 million year half-life in aquifer**

08:58 AM Feb 17, 2016 | 577

-8775- Vancouver B.C. & Seattle: 220,000,000 atoms of Fukushima Iodine-129/liter of rainwater w/15 million year half-life in aquifer; supplies deadly drinking water to 120,000 people in BC/WA - - evacuation level is 40 atoms/liter

*March 2016*

12:02 PM Mar 1, 2016 | 358

-8782- **Uncontrollable radioactive flow coming from nuclear plant near NYC** - Actual releases are trillions of times higher than reported during latest leak - Cracks in multiple spent fuel pools - Intense

investigation underway to see if it can be stopped (VIDEO)

06:59 PM Mar 2, 2016 | 247

-8783- **Cancers around leaking nuclear plant near NYC - Tens of thousands of cases recently reported;** more than anywhere else in U.S. - Teacher: I can't believe the number of teachers who have gotten cancer (VIDEOS)

07:39 PM Mar 28, 2011 | 19

-161- Seattle: 5 types of nuclear fallout isotopes from Fukushima found: Iodine-131, iodine-132, tellurium-132, cesium-134, cesium-137 - highest activity: 4.4 +/- 1.3 mBq/m<sup>3</sup> of 131-I on 19-20 March - <http://arxiv.org/abs/1103.4853>

05:03 PM Mar 28, 2011 | 33

-160- Radioactive seaweed found in Vancouver, BC - Apologists: Seaweed and rainwater not dangerous

#### *April 2011*

12:12 PM Apr 9, 2011 | 36

-267- Uranium-234 in Hawaii, So. California, Seattle - EPA RadNet Air Measurement - Uranium, Plutonium, Strontium, Apr 6 2011

10:18 AM Apr 9, 2011 | 12

-266- Cesium-137 levels in Vermont milk at 66% of maximum contaminant level allowed by EPA - Cesium-137 has been found in American milk - in Montpelier, Vermont - for the first time since the Japan nuclear disaster began

09:49 AM Apr 9, 2011 | 42

-265- Phoenix milk sample exceeds EPA's maximum contaminant level for radioactive iodine-131

09:02 AM Apr 9, 2011 |

-264- People in areas along Canada's Pacific coast want to gather seaweed but don't know if it's safe

08:22 AM Apr 12, 2011 | 25

-289- Nuclear professor surprised by radioactive seaweed south of Seattle

#### *June 2011*

09:48 AM Jun 5, 2011 | 30

-663- Nuclear radiation - most carcinogenic

08:51 AM Jun 5, 2011 | 155

-662- Average person in Seattle breathed in 10 hot radioactive particles a day in April

06:58 AM Jun 8, 2011 | 124

-682- Hot radioactive particles in Seattle at 50% of levels in Tokyo - Latches onto lung tissue (VIDEO)

07:21 PM Jun 10, 2011 | 114

-699- Gov't tells company - hide info on radioactive tea leaves - avoid public anxiety

05:07 AM Jun 13, 2011 | 104

Hot particles from Japan to Seattle virtually undetectable when inhaled or swallowed, Fairewinds, June 12, 2011

-718- Metallic taste in mouth in Japan and U.S. west coast (Seattle) - sign of radiation exposure (VIDEO)

#### *Fairewinds*

<https://www.youtube.com/watch?v=oBEipg81uLw> Arnie Gundersen explains how hot particles react in mammals while escaping traditional detection.

09:33 AM Jun 19, 2011 | 37

-779- Seattle: Northwest sees 35% infant mortality spike post-Fukushima

#### *July 2011*

10:55 AM Jul 8, 2011 | 47

-965- Feds hide rad data from 36 air monitors around Los Alamos - say, no danger levels

10:11 AM Jul 8, 2011 | 22

-964- Feds - aerial radiation survey near Seattle for 'baseline readings' of gamma emitters: radioactive cesium and iodine

03:49 PM Jul 11, 2011 | 72

-984- Radiation data from Seattle-area survey may be withheld by Feds - national security

#### *November 2011*

02:22 PM Nov 17, 2011 | 43

-1819- Disturbing Photo: 84-year-old retired teacher pepper sprayed at Seattle protest - Expressed opposition to nuclear plants in paper (VIDEO)

July 2012

09:31 PM Jul 7, 2012 | 55

-3740- Gundersen: Just tested an air filter w/highest radioactivity in North America after Fukushima Daiichi - in Seattle HEPA filter used since 3/11- (VIDEO)

February 2013

### Hanford

04:52 PM Feb 23, 2013 | 60

-5414- FOX Seattle: Nuclear waste leaks at Hanford are far worse than thought (VIDEO)

June 2013

02:52 PM Jun 26, 2013 | 29

-5990- Seattle: Children sicker than ever from Chernobyl disaster - Contamination to go on for centuries to come - Many with heart and digestive problems- (VIDEO)

August 2013

11:53 AM Aug 23, 2013 | 51

-6238- Seattle: Fish and water shown signs of Fukushima contamination in U.S. Northwest - to start radiation testing due to news from Japan - NOAA: nuclear plant leaks surprise to everybody, weren't aware of it (VIDEO)

October 2013

### Melting sea stars – 60% of species sick or dying

07:22 AM Oct 27, 2013 | 36

-6605- TV: Like they're melting... a lot of melting sea stars out there says Seattle biologist - Veterinarian: It's concerning, in under a week roughly 60% of species are sick or dying - Same thing happening near Canada and nobody's sure why (VIDEO)

November 2013

### Starfish melting

10:39 PM Nov 2, 2013 | 18

-6635- Seattle TV: Warning, video of (melting) sea stars disturbing - rapidly spreading die off on West Coast - doubled in just a few days - Jellyfish numbers booming

### Sea star rips itself into pieces

09:05 PM Nov 4, 2013 | 67

-6649- PHOTOS: Sea star rips itself into pieces - Like a horror movie - AP: Deaths

from Alaska to S. California - Biologist: Related to an environmental change? An early warning that we aren't picking up on? - Professor: None of us had ever seen anything like this before



-6649.1- Seattle TV: Warning, video of the (melting) sea stars might be disturbing - Scientists are so concerned about rapidly spreading die off on West Coast - Doubled in just a few days - Jellyfish numbers booming Nov 2, 2013

-6649.2- CBS News: 'Immense mystery' as sea stars being wiped out along West Coast, could be gone for generations - bewildering disease is spreading and no idea what's causing it, or how to stop it - Time-lapse shows all legs lost in 7 hours (VIDEOS) Nov 17, 2013

-6649.3- Reports: Sea stars decimated on West Coast - SoCal ravaged as mystery disease spreads south; saw hundreds last year, now none - got hit really hard - mortality event like this never before documented - turning to 'bacterial goop' (RADIO) Apr 5, 2014

### Sea star breaks in half, walks away then turns to goo

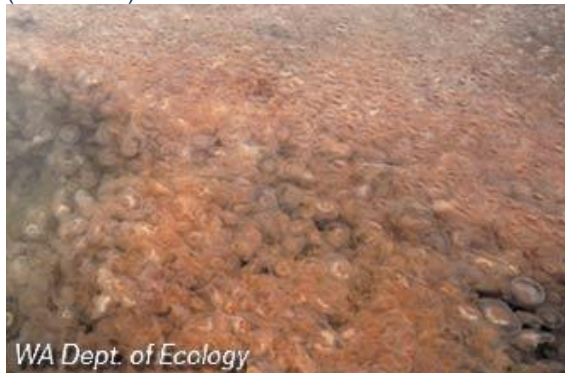
10:42 AM Nov 12, 2013 | 41

-6679- Hundreds wash up dead in Seattle. Don't know how the pathogen is doing this - Sea star broke in half, walked away, then turned to goo - 'Environmental factors' to blame? - (VIDEO)

May 2015

03:13 PM May 14, 2015 | 346

-8633- Seaward off Seattle: Communities of jellyfish 10 blocks long; herring disappeared; spike in salmon deaths (PHOTOS)



February 2016

08:58 AM Feb 17, 2016 | 577

-8775- Vancouver B.C. & Seattle: 220,000,000 atoms of Fukushima Iodine-129/liter of rainwater - w/15 million year half-life in aquifer; supplies deadly drinking water to 120,000 people in BC/WA

February 2017

01:39 PM Feb 28, 2017 | 234

-8851- Professor links die-offs on West Coast to Fukushima radiation - Nobody knows what to do about continuing contamination - River flowing under plant with molten fuel on the bottom goes into ocean (VIDEO)

March 2017

10:15 PM Mar 1, 2017 | 390

-8852- Mysterious cancer killing sea lions along West Coast - Bones turn to mush - Inside, masses of yellow, cancerous tissue - Animals die at alarming rates (VIDEO)

01:47 PM Mar 13, 2017 | 21

### Radioactive News

Health authorities continue to insist that there are no health risks involved, but *Huffington Post* tells us Bluefin tuna caught in California last August showed radiation levels that were ten times the norm, according to a new paper from the Proceedings of the National Academy of Sciences journal. Scientists believe that the radiation-in the form of the isotopes caesium-137 and caesium-134-came from the Fukushima Dai-ichi nuclear disaster that began in March of 2011.

In addition, radioactive debris is already being found on West Coast shores as far as Washington State and is expected to continue to be washed up in the next three years.

-8857- Fish leaking pus, covered in lesions, deformed along U.S. West Coast - Fisherman: Nearly all fish caught affected; I've never seen this... Some had pus all over body - Official: So many are showing illness, environmental conditions could be a factor (PHOTOS)

2:35 PM Mar 16, 2017 | 157

-8859- Massive die-offs reported in Pacific Ocean - Officials: No fish out there, anywhere, over a very large area. What's happening? Where's their food? Alarming. Frightening. Total failure in reproduction. Like nothing we've ever observed before (VIDEO)

3:40 PM Mar 19, 2017 | 111

-8861- Report: Hundreds of millions of Pacific salmon missing, presumed dead - Gov't issues emergency order along U.S. West Coast - Japan suffering historic collapse, fish starving to death - All forms of ocean life dying in stunning numbers across Pacific

12:43 PM Mar 30, 2017 | 163

-8866- Most catastrophic fisheries collapse in history expected along West Coast - Official: This is a nightmare, I have never in my life dreamed that it could get this bad - Threat of coast-wide fishing failure (VIDEO)

April 2017

3:28 PM Apr 24, 2017 | 66

-8869- Mass die-off ongoing along US West Coast - TV: "It's just not clear why all the marine life is washing up like this. Reports coming in every day" - Experts: 'Unknown' organisms eating away brains, hearts - New infection never seen before (VIDEOS)

# 43. Reactor No. 4

## Newsire: Reactor No. 4

### Review of the literature

Exhibit No. 44

02:21 PM Apr 6, 2012 | 62

-3021- Ambassador Murata writes to UN Sec. General: It is no exaggeration to say that the fate of Japan and the whole world depends on No. 4 reactor- Appeal for independent assessment team

11:27 AM Apr 6, 2012 | 81

-3019- Former Japan Ambassador Warns Gov't: A global catastrophe like we have never before experienced if No. 4 collapses - Common Spent Fuel Pool with 6,375 fuel rods in jeopardy - Would affect us all for centuries

04:47 PM Apr 13, 2013 | 27

-5744- All seven Fukushima in-ground storage ponds leaking radioactive water

-5744.1- How Much Spent Nuclear Fuel Does the Fukushima Daiichi Facility Hold? Each one of the reactors at Fukushima has 20 tons of nuclear material. That's 40,000 lbs per reactor. And, the spent fuel: Reactor No. 1: 50 tons of spent nuclear fuel; No. 2: 81 tons; No. 3: 88 tons; No. 4: 135 tons; No. 5: 142 tons; No. 6: 151 tons; and, a separate ground-level fuel pool has 1,097 tons; and, 70 tons of nuclear materials in dry storage

6:19 AM Mar 17, 2017 | 255

-8860- Concern Fukushima plant will collapse. Concrete under reactors being eaten away. There's ongoing chemical attacks - Containment structures are tilting, can fall over (AUDIO)

01:44 PM Mar 10, 2017 | 166

-8855- **Expert warns of collapse at Fukushima reactor: would be end of Japan** - New photos show serious structural damage at Unit 2. A fantasy to decommission plant - AP: Melted fuel has broken pieces of structure in containment vessel (VIDEO)

10:15 AM Feb 21, 2017

-8847- Scientists fear Fukushima radiation hitting U.S. to worsen - billions exposed - Reactors will continue to pour water into Pacific for rest of time (VIDEO)

03:30 PM Feb 12, 2017

-8844- Potential Global upset from Fukushima Unit 2 radioactive fuel - reactor destroyed? - Tokyo uninhabitable is dreaded scenario - liquefying below reactors

09:41 PM Feb 3, 2017

-8840- Collapse imminent at Fukushima - large section under reactor unstable - near collapse - reconsider going to Japan east coast (VIDEOS)

05:40 PM Nov 6, 2013 | 49

-6655- BBC: 'Extraordinary danger' removing fuel from Fukushima #4 - fear rods are damaged - not sure if they're damaged - you never know (VIDEO)

01:27 AM Nov 6, 2013 | 136

-6654- Former Ambassador to Obama: Fukushima spent fuel pool No. 4 can cause global catastrophe - most pressing global security issue

10:55 AM Sep 3, 2013 | 41



-6295- Professor: Fukushima Unit No. 4 an immediate problem - Building is sinking, over 30 inches in places - - Risk of fission accident in fuel pool (AUDIO)

12:41 PM Aug 14, 2013 | 60

-6178- Corrosion weakening Fukushima Unit No. 4 - Concern quake to 'topple' bulging structure - Holds 14,000 Hiroshima bombs worth of cesium-137

11:05 AM Jul 20, 2012 | 17

-3843- Fukushima spent fuel pools miraculously survived - Unit No. 4 constant source of worry (AUDIO)

10:45 AM Jul 1, 2012 | 67

-3693- TEPCO: Cooling system on at Spent Fuel Pool No. 4

03:03 PM Jun 29, 2012 | 16

-3679- Buckling at Unit No. 4 likely caused by a quake - (AUDIO & VIDEO)

02:40 PM Jun 27, 2012 | 25

-3667- You're done, that's it if seal leaks at Unit No. 4 - You can never pump enough water in spent fuel pool (VIDEO)

04:19 PM Jun 15, 2012 | 17

-3592- Weakest link at Unit No. 4 - Potential fuel pool drain down (PHOTOS)

03:26 PM Jun 15, 2012 | 35

-3591- New 60-ton cover on top of Unit No. 4 fuel pool installed (PHOTOS)

03:26 PM May 25, 2012 | 14

-3422- First investigation of Unit No. 4 - slight buckling in outside wall - TEPCO claim: far from pool and no danger

12:48 PM May 25, 2012 | 32

-3420- TEPCO: Unit No. 4 wall bulging

10:44 AM May 21, 2012 | 34

-3380- Gov't Press Conference on Unit No. 4 Fuel Rods: Workers reinforcing reactor anti-quake capacity - 'Despite international concerns - no plans to speed up scheduled removal by 2015'

05:13 PM May 13, 2012 | 78

-3315- Footage of explosion at Unit No. 4 said to exist (VIDEO)

07:28 PM May 11, 2012 | 111

-3302- On West Coast of U.S. watch Unit No. 4 like a hawk - Wake up every day and make sure it's standing... have a plan to move somewhere (VIDEO)

02:28 PM May 11, 2012 | 31

-3301- No. 4 reactor national security issue for world - ultimate catastrophe?

12:37 PM May 11, 2012 | 18

-3299- TEPCO - Unit No. 4: Spent Fuel Pool can withstand up to lower-6 intensity quake - without collapsing

12:13 PM Apr 12, 2012 | 66

-3064- Possible Leak Unit No. 4 - spent fuel pool cooling system halted

12:00 AM Mar 16, 2012 | 36

-2853- Fukushima Report: Fire creates 8 square meter hole in wall at Unit No. 4

07:23 PM Oct 7, 2011 | 79

-1492- 100% release of Unit No. 4 Spent Fuel Pool assumed in NRC analysis - 50% at Unit No. 3 pool

03:59 AM Jun 4, 2011 | 172

-654- Fukushima: Winds change, hot particles head south; leave Tokyo if Unit No. 4 collapses (AUDIO)

03:21 PM May 10, 2011 | 130

-464- Unit No. 4 leaning, may fall (PHOTO & VIDEO)

# 44.

## U.S.S. Ronald Reagan: We are not alone

03:18 AM Mar 14, 2011 | 2  
-22- Navy detects radioactive plume 100 miles from Fukushima - on 17 air crew

12:19 PM May 27, 2011 | 45  
-599- Navy forecast shows typhoon may hit Fukushima

02:04 PM Jul 16, 2011 | 29  
-1007- Indoor mushrooms contain 1,770 bq/kg of radioactive cesium

05:38 AM Jul 18, 2011 | 35  
-1010- TEPCO rushes to shield Reactor No. 3 turbine building from typhoon - Navy: Storm may pass over by July 21

05:49 PM Jul 27, 2011 | 56  
-1064- 154 U.S. service members - elevated internal radiation, to 250 microsieverts - military declines to release workplace rad levels

12:27 PM Aug 17, 2011 | 30  
-1162- Tends to concentrate in testicles: 360+ atoms radioactive sulfur/day inhaled by Calif after Fukushima

03:36 PM Aug 17, 2011 | 13  
-1163- Whistle-blowers who report detection of neptunium-239 far from plant have TV show cancelled

-6579.4- 25 times as many people in Fukushima area developed thyroid cancer after disaster - Japan Expert: My heart breaks greatly that those U.S. service members suffered radiation exposure Jul 17, 2013

11:51 AM Feb 26, 2012 | 206  
-2695- U.S. Navy vice admiral reported 1,500 microsieverts/hr thyroid dose south of Tokyo - Mar 20

10:24 PM Mar 1, 2012 | 28  
-2731- 1,000 microSv thyroid dose south of Tokyo over 10 hr period Mar. 14

05:03 PM Jul 24, 2012 | 5

-3872- Medicated worker lit fire that burned nuclear sub - twice - Navy blamed vacuum cleaner (VIDEO)

10:27 AM Sep 6, 2012 | 15  
-4208- U.S Military starts registry for people developing health conditions after being in Japan - Says Tokyo babies had 12 millisievert radiation dose to thyroid in weeks after 3/11 (MAP)

12:10 PM Dec 26, 2012 | 36  
-5024- Navy crew members sue Japan over Fukushima cover-up - Irreparable harm to life expectancy - Gov't and TEPCO conspired

07:04 PM Dec 27, 2012 | 31  
-5035- Tokyo: Fukushima perpetrators escape responsibility

11:11 PM Dec 27, 2012 | 91  
-5036- 1-year-old named in Fukushima lawsuit by U.S. Navy sailors

11:26 AM Dec 28, 2012 | 101  
-5037- Footage of alarms going off during radiation scans on USS Reagan - We're taking videos of us dying - (VIDEO)

08:06 PM Dec 28, 2012 | 72  
-5039- Navy sailors experience great physical pain after Fukushima radiation exposure says lawsuit - chelation and bone marrow transplants required

07:52 AM Dec 29, 2012 | 46  
-5040- Navy sailors - no masks when scrubbing radionuclides on USS Ronald Reagan after 3/11 - CNN: The idea here is all about safety

08:39 AM Dec 29, 2012 | 2  
-5041- U.S. Navy sailor discusses sickness after serving in Japan on USS Ronald Reagan

09:28 AM Dec 29, 2012 | 17  
-5042- Sailors symptoms of radiation poisoning after Japan operation - bleed from rectum - baby with birth defects - cancer - thyroid problems (VIDEO)

11:16 AM Dec 29, 2012 | 55  
-5044- CNN: Major health issues in ill U.S. Navy sailors who were exposed to Fukushima radiation

01:20 AM Dec 30, 2012 | 59  
-5048- Many sailors from USS Ronald Reagan suffer problems after 3/11 - No sum of money would compensate me - I'm 23 yrs old bleeding from my behind

03:16 PM Dec 30, 2012 | 64  
-5050- U.S. Navy Sailors on TV: I'm not what I used to be - thyroid's not what it used to be since 3/11 - degenerative disks all over my back (VIDEO)

12:29 AM Dec 31, 2012 | 73  
-5052- U.S. Navy sailors say there was a conspiracy to withhold truth about radiation releases (AUDIO)

07:29 PM Jan 8, 2013 | 17  
-5102- Navy sailor says clumps of hair fell out after plume exposure - people getting sick - bad headaches, threw up

09:52 PM Jan 8, 2013 | 24  
-5103- U.S. Marine may join Fukushima lawsuit - Navy clients - bladder problems not normally seen in young people

03:31 PM Feb 1, 2013 | 51  
-5260- 150 U.S. service members say Fukushima radiation triggers medical issues - Defense Department abandons medical registry, leaves them on own

04:12 PM Feb 10, 2013 | 12  
-5317- U.S. service members' kids in Japan develop medical issues after 3/11 - son went on a vomiting fit of 3 months... 15-20 times a day (VIDEO)

11:29 AM Feb 11, 2013 | 27  
-5320- Navy sailors after Fukushima: Leukemia, testicular cancer, growths - brain lesions- lost sight in eye - VIDEO)

07:27 PM Feb 11, 2013 | 18  
-5325- Attorney to TEPCO: Please help us, troops dying, need medical care after 3/11- Bone marrow transplant at NIH - Another bleeding incessantly (AUDIO)

12:02 PM Feb 12, 2013 | 8  
-5329- I've got people who are bleeding from their behinds, who have sores all over their bodies -Attorney for Navy sailors exposed to radiation - (AUDIO)

01:53 PM Mar 11, 2013 | 17  
-5539- Had to remove three layers of skin off my hands and arms after Fukushima exposure - (AUDIO)

03:01 PM Mar 11, 2013 | 15  
-5540- People trying to commit suicide aboard USS Reagan during Fukushima mission - Some tried to get off ship - living in fear every day, horrible (AUDIO)

06:18 PM Mar 12, 2013 | 18  
-5550- U.S. Navy Sailor: Higher ups, senior chiefs now say they're sick after Fukushima exposure - contacted us after seeing TV (VIDEO)

08:44 AM Mar 15, 2013 | 53  
-5573- Military unit severely contaminated when Fukushima Unit 3 explodes - too radioactive to stand by each other

01:00 PM Mar 18, 2013 | 14  
-5597- U.S. Navy Sailor: Our digital watches stopped working when offshore Fukushima after 3/11 - We were laughing at first, but then...

12:11 PM Jul 17, 2013 | 30  
-6040- U.S. military reveals radiation-related illnesses after Fukushima: arm shrunk to half its size - immune system attacking body - leukemia, testicular cancer, thyroid problems, rectal bleeding, brain tumor

In growing lawsuit, service members fault TEPCO for radiation-related illnesses Source: Stars and Stripes; Author: Matthew M. Burke July 15, 2013

Excerpts: Five months after participating in humanitarian operations for the March 11, 2011, earthquake and tsunami that led to nuclear disaster in Japan, Petty Officer 3rd Class Daniel Hair's body began to betray him.

He had sharp hip pains, constant scabbing in his nose, back pain, memory loss, severe anxiety and a constant high-pitch ringing in his ears as his immune system began to attack his body. The diagnosis, he said, was a genetic immune system disease, which on

X-rays looked to have made his hip joint jagged and his spine arthritic.

Other service members have been diagnosed with leukemia, testicular cancer and thyroid problems or experienced rectal and gynecological bleeding, the lawsuit says. Hair said one of his friends, a fellow USS Ronald Reagan shipmate, was diagnosed with a brain tumor.

Hair said there is no history of the genetic disease in his family and that doctors have told him radiation exposure could have triggered it.

Senior Chief Mike Sebourm said he suffered nose bleeds, headaches and nausea in the immediate aftermath - symptoms consistent with radiation poisoning. Months later, he felt weak in his right arm; excruciating pain followed. He said the command fitness leader in charge of physical training at Atsugi watched as his arm atrophied to about half its size.

01:40 PM Jul 17, 2013 | 32

-6041- 25x as many people in Fukushima area develop thyroid cancer after disaster - Japan Expert: My heart breaks greatly that those U.S. service members suffered radiation exposure

01:20 AM Aug 15, 2013 | 22

-6184- Navy sailor's health fails after exposure to Fukushima fallout - now a shaking, withering patient unable to walk - younger service members at stake - doctors won't give diagnosis (PHOTOS)

09:26 AM Aug 15, 2013 | 36

-6186- U.S. sailors suffer symptoms of radiation sickness - contaminated during Fukushima nuclear disaster - USS Ronald Reagan a mile away as reactors melted down (VIDEO)

10:29 AM Oct 19, 2013 | 146

-6568- Sailor: After we left Japan, it felt as if the ocean itself was dead - Nothing alive for over 3,000 miles - no longer saw turtles, dolphins, sharks, birds - saw one whale, it appeared helpless with big tumor on head

02:38 AM Oct 23, 2013 | 82

-6584- Sailor's horrific Pacific journey goes viral, smashes record - Picked up by The Guardian, USA Today, many more - All fail to mention ongoing crisis at Fukushima, by far the world's largest release of radioactivity into ocean

05:00 PM Nov 22, 2013 | 43

-6730- Sailors in Hawaii to monitor Fukushima plumes - TV: New type of debris washes up on islands - Study: Japan nuclear contamination moves same speed as current (VIDEO-*here*)

01:02 AM Dec 12, 2013 | 138

-6801- Another 20 Navy Sailors: USS Ronald Reagan crew with thyroid cancers, leukemia, brain tumors, bleeding, blindness after Fukushima disaster - Kids develop problems - Gov't, TEPCO in major conspiracy (AUDIO)

07:45 PM Dec 18, 2013 | 198

-6825- Sickened Navy crew members have lawsuit dismissed - Sailors have cancer of thyroid, gallbladder, testicles - leukemia, unremitting headaches, rectal bleeding, tumors, tumors on brain, gastrointestinal trouble, gynecological problems, impotence, going blind, bodies deteriorating - (VIDEO)

04:19 PM Dec 19, 2013 | 61

-6827- 70 Navy sailors in new Fukushima lawsuit - sailed into plume, could be thousands more seriously exposed - 1 or 2 sick could be coincidence, but 50-60 people in their 20s off one ship? Variety of cancers, blindness, impotence (VIDEO)

05:25 PM Dec 20, 2013 | 69

-6834- Many sailors come forward with symptoms; strange lumps - poisoned with radiation; hemorrhaging, cancers, leukemia, tumors- - 50 may join lawsuit

08:05 PM Dec 20, 2013 | 63

-6835- Fox Host: I wasn't aware sickness among Navy sailors was so widespread after Fukushima; Experts say dangerous radioactive releases to air and ocean - TEPCO didn't give U.S. radiation data for 3 to 4 days (VIDEOS)

12:33 PM Dec 22, 2013 | 88

-6840- Navy Rescuer: Japan refused to let us in during 3/11 operation, said ship too radioactive; we were chased by a death sentence, radiation was everywhere - Gundersen: Like a horror movie where beast never gets killed... Worst yet to come for Pacific (VIDEO)

09:04 PM Dec 22, 2013 | 94  
-6842- NY Post: Radioactive snow falling on Navy ship caused by Fukushima radioactive steam<sup>a</sup>... Is that aluminum foil I taste? - Sailor: People were defecating on themselves in hallways from excruciating diarrhea - Officer: Saw radiation 300x 'safe' levels (VIDEO)

**Testicle removal, optic nerve removal, leukemia, polyps**

12:31 PM Dec 28, 2013 | 120  
-6858- Navy Times: 70 men & women suffering from Fukushima radiation - testicle removal, optic nerve removal, leukemia, polyps... in early 20s with good health - (VIDEO)

09:26 PM Dec 30, 2013 | 69  
-6868- Former MSNBC host told not to warn people about Fukushima meltdowns: The official gov't position is it's safe - explain that to people who served on USS Ronald Reagan (VIDEO)

01:17 AM Dec 31, 2013 | 41  
-6870- Gundersen: Navy sailors suffer horrific radiation exposures off Fukushima coast - Massive government cover-up goes on for years (VIDEOS)

03:52 PM Jan 12, 2014 | 221  
-6913- Navy officer confined to wheelchair after radiation exposure - Doctors can't explain ailments, leg muscles gave up - wife in shock - don't know how much time left (VIDEO)

02:20 PM Jan 15, 2014 | 202  
-6924- Officials want data on sailors Fukushima exposure - Defense Dept. directed to reveal medical problems for USS Reagan crew - We were in a nuclear plume, no health risk? - people having problems (VIDEO)

02:20 PM Jan 16, 2014 | 128  
-6929- U.S. Navy sailors had radioactive snowball fights off<sup>b</sup> Fukushima - Crew toast after weeks on Pacific - significant cancers, incessant bleeding from anus or vagina,

blindness - USS Reagan debris sent to Hanford site (AUDIO)

09:48 AM Jan 19, 2014 | 77  
-6938- Navy Sailor: Crew members lose control of bowels after Fukushima radiation exposure, skin rashes develop- big problem - Congress signs bill making military conduct health survey (VIDEO)

11:40 AM Jan 20, 2014 | 128  
-6946- Navy Sailor: I'm in a wheelchair, it's spreading to my arms and hands - Photo of skin with intense red burns after being in sun, suspects radiation intensified impact (AUDIO)

12:39 PM Jan 24, 2014 | 106  
-6967- Navy Officer: My body is falling apart after Japan rescue mission, his right side just didn't work - another can no longer use his legs and unable to urinate- if 300x normal radiation is OK, I don't know what to tell you

09:59 AM Jan 28, 2014 | 89  
-6991- Number of sick U.S. military first responders double - 250 victims of exposure contact attorney (VIDEO)

-7090- Fukushima leaves generation of young people crippled physically, mentally, genetically - nuclear radiation is threatening entire planet (AUDIO)

-7091.1- also see: People who are bleeding from their behinds, who have sores all over their bodies -Attorney for U.S. Navy sailors exposed to Fukushima radiation (AUDIO) Feb 12, 2013

-7091.2- Attorney for U.S. Navy Sailors: Third death from exposure to Fukushima fallout - Baby with brain cancer has died - Reporters afraid to publish stories related to case - Professor: USS Reagan sailors were first people to be hit by plume outside of plant (VIDEOS) Jul 26, 2015

-7091.3- CBS: Now 2 U.S. sailors dead after Fukushima radiation exposure - Doctor: Officials have to re-look at this entire

---

<sup>a</sup> Radioactive snow falling on Navy ship caused by Fukushima radioactive steam

<sup>b</sup> Navy sailors had radioactive snowball fights off



situation - Reporter who served on USS Reagan: We were done so wrong... Critical health risk to all of us onboard... People are not realizing how serious the issue is (VIDEO) Nov 25, 2014

-7091.4- also see: Kyoto Nuclear Professor: There is no longer any such thing as clean and safe food after radiation from Fukushima spread around planet - People who advanced nuclear power should be made to eat the extremely contaminated items (VIDEO) May 4, 2012

-7091.5- Another 20 Navy Sailors: USS Ronald Reagan crew with thyroid cancers, leukemia, brain tumors, bleeding, blindness after Fukushima disaster - Young kids developing problems - Gov't and Tepco involved in major conspiracy (AUDIO) Dec12, 2013

-8051.1- Fukushima radiation leak is causing great harm; don't even know what to say to you - 100 Navy responders suffering (VIDEO)

12:44 PM Mar 4, 2014 | 96

-8061- Genetic defects and radiation-induced illness; baby of Navy sailor born with multiple genetic mutations, mother pregnant aboard USS Reagan for Japan rescue mission (VIDEO)

08:40 PM Mar 8, 2014 | 149

-8077- U.S. Navy Officer: Radiation levels exceeded 300x normal over a mth far from Fukushima ...I was given only gloves! - son was throwing up 30 to 40 times some days - (VIDEO)

### **Brain cancer in baby**

12:28 PM Mar 19, 2014 | 72

-8105- Wife of Navy Sailor: Our 1-year-old has brain cancer and spinal cancer from Fukushima exposure - Wheelchair-bound Navy Sailor: now affecting my arms and hands, is progressing (AUDIO)

05:51 PM Apr 5, 2014 | 205

-8146- Fukushima crisis far worse than acknowledged - information withheld to prevent panic - level of radiation worse than Navy officers anticipated - U.S. Gov't shreds

documents while drawing up plans to evacuate Japan

### **Frozen Fukushima steam blankets ship**

05:49 PM Apr 9, 2014 | 145

-8155- Frozen Fukushima steam blanketed ship; crew suffers massive radiation doses, dozens have cancer - calls for it to be sunk - too radioactive; Navy: some contamination, but ok - TEPCO: No way U.S. officials would rely on info we tell public

01:07 AM Apr 15, 2014 | 116

-8169- Navy sailor's skin inflamed while carrying American flag - exposed to Fukushima plume - Whole left side of body affected - stripped clothes off, hosed down - emergency (AUDIO)

07:43 AM Apr 17, 2014 | 66

-8172- TV: No doctor can explain what's happening to Navy officer's body - I'm basically kind of deteriorating after Fukushima radiation exposure - My leg is 17 centimeters smaller, same with my right arm- radiation levels missing from medical records (VIDEO)

05:51 PM Jun 16, 2014 | 57

-8285- Navy sailor suing over Fukushima exposure dies from rare cancer near heart - TV: Navy lieutenant retires, unable to use leg muscles due to Fukushima radiation and confined to wheelchair - Both in mid-30s (VIDEOS)

10:00 PM Jul 15, 2014 | 201

-8323- Navy sailor suffers after Fukushima exposure: Others with same symptoms told to be quiet - nobody's heard from them - Health worsening, worried I'll die - Can't use legs or arms, hands barely functional - Rashes all over body, spasms, shaking - Doctors say it's all psychological (AUDIO)

12:05 PM Aug 3, 2014 | 129

-8347- Gov't: 1,750 navy sailors suffer ill-defined conditions after exposure to Fukushima radiation aboard USS Reagan - male infertility - child birth complications - thyroid disorders, spontaneous abortions - Extreme measures used to cover this up (AUDIO)

10:20 AM Aug 20, 2014 | 160

-8376- VIDEO: Children of U.S. Navy sailors suffer from cancers after Fukushima exposure - I couldn't move... so much pain... I have leukemia - More kids with thyroid cancer - Father: We couldn't figure it out... his body was changing - Sailor: Right side of my body is shriveling up, one arm now almost 5 inches smaller

-8428.4- TV: US sailors having traits associated with radiation poisoning after Japan operation - Bleeding from rectum - Baby with birth defects - Cancer - Thyroid problems (VIDEO) Dec 29, 2012

-8385.1- Defense Threat Reduction Agency: at-sea crew: major contributors to inhalation doses were the following 10 isotopes: I-131, I-132, I-133, Cs-134, Cs-136, Cs-137, Te-129, Te-129m, Te-131m and Te-132

06:03 PM Sep 30, 2014 | 648

-8441- Fukushima chief pleads for help from U.S. military: Fires at Reactor 4... can't do anything - please - Leader turns pale after seeing flames and black smoke near fuel pool - Worker tries to have last meal before dying and realizes he's unable to taste food

02:53 AM Oct 2, 2014 | 882

-8446- Huge increase in U.S. Navy sailors suffering injury after Fukushima exposure - Gov't reports show USS Reagan went directly into most intense area of plume just as radioactive releases hit peak - 20 trillion becquerels coming from plant/sec - beginning to see real data - (VIDEO)

12:23 AM Oct 6, 2014 | 43

-8451- Dangerous typhoon causes massive damage - Life-threatening flash flooding expected for Fukushima, rain up to 10 inches - AP: Packing winds up to 180 km per hour - Experts warn of tornadoes, mudslides, and high waves along Pacific coast - Navy: Max. wave height now 37 feet (VIDEO)

04:19 PM Oct 30, 2014 | 185

-8481- U.S. sailors win major battle in lawsuit - Now 200 young Navy and Marines with leukemia, organs removed, brain tumors/cancer, blindness, more - Gov't: Fukushima a terrible tragedy... Navy ships under threat - radiation will kill like a nuclear weapon (VIDEO)

12:11 PM Nov 25, 2014 | 263

-8509- Two U.S. sailors dead after Fukushima radiation exposure - Doctor: Officials have to re-look at situation - critical risk to all onboard (VIDEO)

09:28 AM Feb 12, 2015 | 438

-8564- Doctor removed six thyroids in recent months from USS Reagan crew exposed to Fukushima fallout - Over 500 sailors ill after mission in Japan - Officer: sick soldiers everywhere, many in hospitals in San Diego or Hawaii... I don't know what's going on - Veteran in wheelchair thrown out by physician, you're faking, you need to leave (VIDEO)

02:42 PM Feb 16, 2015 | 233

-8567- Navy sailors suffer strange deformities after Fukushima exposure - Testicles swell to size of tennis balls after pants got so contaminated they set off radiation alarms - Her arm swelled up, hand looked like baseball mitt - His fingers turned yellow, even brown... feet now dark red (VIDEO)

11:18 PM Jul 26, 2015 | 159

-8685- Attorney for Navy Sailors: Third death from exposure to Fukushima fallout - baby with brain cancer dies - USS Reagan sailors first people hit by plume outside of plant (VIDEOS)

07:47 AM Jun 8, 2016 | 89

-8820- Spike in number of U.S. sailors dying after Fukushima radiation exposure - 400 veterans suffer serious illness - Former Japan Prime Minister breaks down crying, This can't be ignored any longer - the number of sick people is increasing; their symptoms are worsening (VIDEOS)<sup>32</sup>

# 45. Endnotes

<sup>1</sup> vital1 05:41 PM Nov 7, 2012

International reports of radioactive isotope contamination in food items.

<http://sccc.org.au/archives/2861>

Geiger counter use guide.

<http://technologypals.com.au/wp-content/uploads/2012/03/Using-a-Geiger-Counter-to-test-food-for-Radioactive-Contamination.pdf>

How to set up a home, or community based, DIY food test lab.

<http://technologypals.com.au/wp-content/uploads/2012/06/How-to-set-up-a-home-or-community-food-testing-lab-for-radioactive-contamination.pdf>

<sup>2</sup> Chernobyl: Consequences of the Catastrophe for People and the Environment

[http://www.strahlentelex.de/Yablokov\\_Chernobyl\\_book.pdf](http://www.strahlentelex.de/Yablokov_Chernobyl_book.pdf) Published by New York Academy of Sciences, *Chernobyl: Consequences of the Catastrophe for People and the Environment* was written by scientists who used health data from 1986 to 2004; edited by Janet Sherman.

## **Chapter 11.**

### **Chernobyl's Radioactive Impact on Microbial Biota**

**Alexey V. Yablokov**

[Abstract] Of the few microorganisms that have been studied, all underwent rapid changes in the areas heavily contaminated by Chernobyl. Organisms such as tuberculosis bacilli; hepatitis, herpes, and tobacco mosaic viruses; cytomegalovirus; and soil micromycetes and bacteria were activated in various ways. The ultimate long-term consequences for the Chernobyl microbiologic biota may be worse than what we know today. Compared to humans and other mammals, the profound changes that take place among these small live organisms with rapid reproductive turnover do not bode well for the health and survival of other species.

[Article] One gram of soil contains some 2,500,000,000 microorganisms (bacteria, microfungi, and protozoa). Up to 3 kg of the mass of an adult human body is made up of bacteria, viruses, and microfungi. In spite of the fact that these represent such important and fundamentally live ecosystems there are only scarce data on the various microbiological consequences of the Chernobyl catastrophe.

Several incidences of increased morbidity owing to certain infectious diseases may be due to increased virulence of microbial populations as a result of Chernobyl irradiation.

1. Soon after the catastrophe studies observed activation of retroviruses (Kavsan et al., 1992).

2. There is evidence of increased susceptibility to *Pneumocystis carinii* and cytomegalovirus in children whose immune systems were suppressed in the contaminated territories of Novozybkov District, Bryansk Province (Lysenko et al., 1996).

3. Tuberculosis became more virulent in the more contaminated areas of Belarus (Chernetsky and Osynovsky, 1993; Belookaya, 1993; Borschevsky et al., 1996). Address for correspondence: (Editor's note: omitted.)

4. In some heavily contaminated areas of Belarus and Russia there was a markedly higher level of cryptosporidium infestation (Lavdovskaya et al., 1996).

5. From 1993 to 1997 the hepatitis viruses B, C, D, and G became noticeably activated in the heavily contaminated areas of Belarus (Zhavoronok et al., 1998 a, b).

6. Herpes viruses were activated in the heavily contaminated territories of Belarus 6 to 7 years after the catastrophe (Matveev, 1993; Matveev et al., 1995; Voropaev et al., 1996).

- 
7. Activation of cytomegalovirus was found in the heavily contaminated districts of Gomel and Mogilev provinces, Belarus (Matveev, 1993).
  8. Prevalence of *Pneumocystis* was noticeably higher in the heavily contaminated territories of Bryansk Province (Lavdovskaya et al., 1996).
  9. The prevalence and severity of Gruby's disease (ringworm), caused by the fungus microsporia *Microsporum* sp., was significantly higher in the heavily contaminated areas of Bryansk Province (Rudnitsky et al., 2003).
  10. The number of saprophytic bacteria in Belarussian sod-podzolic soils is at maximum with radioactivity levels of 15 Ci/km<sup>2</sup> or less and minimal in areas 281 282 Annals of the New York Academy of Sciences with up to 40 Ci/km<sup>2</sup> (Zyzenko et al., 1995).
  11. There is a wide range of radionuclide bioaccumulations in soil micromycetes. The accumulation factor of Cs-137 in *Stemphylium* (family Dematiaceae) is 348 and in *Verticillium* (family Muctdinaceae) 28 (Zyzenko et al., 1995).
  12. Since the catastrophe, the prevalence of black microfungi has dramatically increased in contaminated soil surrounding Chernobyl (Zhdanova et al., 1991, 1994).
  13. Among soil bacteria that most actively accumulate Cs-137 are *Agrobacterium* sp. (accumulation factor 587), *Enterobacter* sp. (60–288), and *Klebsiella* sp. (256; Zyzenko et al., 1995).
  14. In all soil samples from the 10-km Chernobyl zone the abundance of soil bacteria (nitrifying, sulfate-reducing, nitrogen-fixing, and cellulose-fermenting bacteria, and heterotrophic iron-oxidizing bacteria) was reduced by up to two orders of magnitude as compared to control areas (Romanovskaya et al., 1998).
  15. In contaminated areas several new variants of tobacco mosaic virus appeared that affect plants other than Solanaceous species, and their virulence is most likely correlated with the level of radioactive contamination in the areas. Infection of tobacco plants with tobacco mosaic virus and oilseed rape mosaic virus was shown to induce a threefold increase in homologous DNA recombination in non-infected tissues (Boyko et al., 2007; Kovalchuk et al., 2003).
  16. All the strains of microfungi species that were studied (*Alternaria alternata*, *Mucorhiemalis*, and *Paecilomyces lilacinus*) from the heavily contaminated Chernobyl areas have aggregated growth of threadlike hyphae, whereas the same species from soil with low radionuclide contamination show normal growth. Only slowly growing *Cladosporium cladosporioides* has aggregated growth both in contaminated and TABLE 11.1. Characteristics of Oocysts of *Coccidia* (*Eimeria cerna*) in Voles (*Clethrionomys glareolus*) from Two Differently Contaminated Sites, Bryansk Province (Pel'gunov, 1996) Level of contamination 20µ R/h 180–220 MR/h Normal 94.5 76.6 Anomalous 06.3 Nonsporulated 5.2 12.2 lightly contaminated soils (Ivanova et al., 2006).
  17. Sharp reduction in the abundance of bifidus bacteria and the prevalence of microbes of the class *Escherichia*; in particular, a sharp increase in *E. coli* has been noted in the intestines of evacuee children living in Ukraine (Luk'yanova et al., 1995).
  18. In a long-term study (1954 to 1994—before and after the catastrophe) in Belarus, Ukraine, and Russia it was revealed that in areas with a high level of radioactive contamination (740–1,480 kBq/m<sup>2</sup> and higher) in Bryansk, Mogilev, Gomel, Chernygov, Sumy, Kaluga, Oryol, Smolensk, and Kursk provinces, practically no cases of rabies in wild animals have been reported since the catastrophe (Adamovich, 1998). This suggests that the rabies virus has either disappeared or become inactivate.
  19. Rodents in the heavily contaminated territories of Belarus have been extensively invaded by coccids (obligate intracellular protozoan parasites from the phylum Apicomplexa; Sutcheny et al., 1995).
  20. There are fewer than normal, more anomalous, and no sporulated oocysts of coccidian *Eimeria cerna* in voles (*Clethrionomys glareolus*) in Bryansk Province (Table 11.1).
  21. Six years after the catastrophe a population of *Eimeria cernae* From *Clethrionomys Glareolus* living in heavily contaminated soil (up to 7.3 k Bq/kg of Cs-134, Cs-137, Sr-90, and Pu-106) in Kiev Province Yablokov: Radioactive Impact on Microbial Biota 283 had anomalous oocysts (Soshkin and Pel'gunov, 1994).

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22. There was a significant decline in the Shannon diversity index of infusoria species and a concomitant increase in their abundance in the Pripyat River mouth from 1986 to 1988 (Nebrat, 1992).

All microorganisms (viruses, bacteria, fungi, and protozoa) and microbiological communities as a whole undergo rapid changes after any additional irradiation. The mechanism of such changes is well known: inclusion and increase in the frequency of mutations by natural selection and preservation of beneficial novel genes that for whatever reason appear more viable under the new conditions. This micro-evolutionary mechanism has been activated in all radioactively contaminated areas and leads to activation of old and the occurrence of new forms of viruses and bacteria. All but a few microorganisms that have been studied in Chernobyl-affected territories underwent rapid changes in heavily contaminated areas.

Our contemporary knowledge is too limited to understand even the main consequences of the inevitable radioactive-induced genetic changes among the myriad of viruses, bacteria, protozoa, and fungi that inhabit the intestines, lungs, blood, organs, and cells of human beings.

The strong association between carcinogenesis and viruses (papilloma virus, hepatitis virus, *Helicobacter pylori*, Epstein–Barr virus, Kaposi’s sarcoma, and herpes virus) provides another reason why the cancer rate increased in areas contaminated by Chernobyl irradiation (for a review, see Sreelekha et al., 2003).

Not only cancer, but also many other illnesses are connected with viruses and bacteria. Radiologically induced pathologic changes in the microflora in humans can increase susceptibility to infections, inflammatory diseases of bacterial and viral origin (influenza, chronic intestinal diseases, pyelonephritis, cystitis, vaginitis, endocolitis, asthma, dermatitis, and ischemia), and various pathologies of pregnancy. The long-term consequences for microbial biota may be worse than what we understand today.

<sup>3</sup>[http://www.strahlentelex.de/Yablokov\\_Chernobyl\\_book.pdf](http://www.strahlentelex.de/Yablokov_Chernobyl_book.pdf) Published by New York Academy of Sciences, *Chernobyl: Consequences of the Catastrophe for People and the Environment* was written by scientists who used health data from 1986 to 2004; edited by Janet Sherman.

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Volume 1181  
Chernobyl  
Consequences of the Catastrophe for People and the Environment

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<sup>4</sup> U.S. - Thyroid cancer rise - was 4 a year, now 4 a month

Medical researchers unsure why thyroid cancer cases on rise - Indianapolis Star (USATODAY), -Shari Rudavsky Jan 15, 2012

--National Cancer Institute statistics suggest that in recent years the number of cases of this often curable cancer has increased by about 6.5%. Over a decade, that has added up to make thyroid cancer the fastest-increasing cancer, says Tod Huntley, an otolaryngologist and head and neck surgeon with the Center for Ear, Nose, Throat and Allergy in Indianapolis.

--Ten years ago, if I saw four new thyroid cancer patients a year, it would have been a lot, says G. Irene Minor, a radiation oncologist with Indiana University Health Central Indiana Cancer Center. Now sometimes I see that many in a month, and I have seen three in a week.

--A recent study showed that the increase is not just in smaller tumors, which might have to do with detection, but also in larger ones, Huntley says.

--There is definitely something going on, he says. How much is due to increased surveillance and detection and how much is due to an actual biological change in disease prevalence, we don't know, but we know it's both.

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5

<http://enenews.com/emergency-govt-network-radiation-testing-food-supply-democrat-republican-conventions-after-fukushima-obama-inauguration-seafood-meat-fruits-vegetables-milk-water-all-checked-radiological-contami>

<http://laboratorysciences.wadsworth.org/node/136>

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[http://www.researchgate.net/publication/262491171\\_Application\\_of\\_low-background\\_gamma-ray\\_spectrometry\\_to\\_monitor\\_radioactivity\\_in\\_the\\_environment\\_and\\_food](http://www.researchgate.net/publication/262491171_Application_of_low-background_gamma-ray_spectrometry_to_monitor_radioactivity_in_the_environment_and_food)  
<http://enenews.com/newly-released-data-shows-florida-hit-highest-level-radioactive-material-fukushima-anywhere-world-japan-1-list-1500-measurements-actual-amount-air-500-amount-reported>  
<http://solarimg.org/?p=1722>  
<http://enenews.com/forbescom-leading-biophysicist-casts-critical-light-govt-reassurances-americans-never-risk-fukushima-fallout>

<sup>6</sup> <http://enenews.com/caldicott-live-tv-election-called-about-half-japan-contaminated-huge-censorship-whats-happening-fukushima-video>

<sup>7</sup> [PhysOrg](#), Sep 23, 2014 (*emphasis added*): In a previous study, the group [of university researchers] suggested that eating leaves with high levels of radiation seriously affected the pale grass blue butterfly. Their new study investigated the **effect of eating leaves with much lower levels of radiation**... Joji Otaki, University of Rukyus, says... Our study demonstrated that eating contaminated foods could cause **serious negative effects on organisms**. Such **negative effects** may be **passed down the generations**... eating non-contaminated food improves the negative effects...

[AAAS](#), Sep 22, 2014: **Fukushima radiation still poisoning insects** - Eating food contaminated with radioactive particles may be **more perilous than thought**... The findings from Otaki's group are **groundbreaking**, says Timothy Mousseau, a biologist at the University of South Carolina... there have been almost no studies on how ingestion of radiation-tainted foods affect wildlife.

[Study by University of the Ryukyus and Nagasaki University researchers](#), published Sep 23, 2014: [We] examined the effects of **low-level-contaminated diets**... The mortality rate increased linearly in accordance with an increase of the cesium... **Remarkably**, the mortality rate of the Koriyama group [.04 Bq per larva] was 53% [in the first generation]... We discovered various morphological abnormalities in the surviving adults... **severe and rare abnormalities** shown in [Figure 5](#) might imply the effects of a contaminated diet. Only three [that ate] Okinawa leaves [1760 km from Fukushima Daiichi] showed very minor morphological abnormalities... As observed in the **F1** [first] generation, various morphological abnormalities were detected in the surviving F2 [second generation] adults... **very high mortality and abnormality rates** [were] recorded... **low-dose effects were clearly detected**... results suggest that low-dose ingestion of approximately 100 Bq/kg may be **seriously toxic to certain organisms**... The biological effects of ingesting the contaminated diets were more severe in the F2 generation...

#### *Mortality Rates*

Koriyama [60 km from Fukushima Daiichi] F1 group and the Koriyama F2 group obtained from the Koriyama F1 adults were 53.0% and 79%, respectively

Motomiya [also 60 km] F1 group and the Motomiya F2 group obtained from the Motomiya F1 adults were 31.2% and **99%**, respectively... very small number of surviving adults

**Prof. Otaki**: Many theoreticians and politicians have claimed [that Fukushima has caused] no harmful biological effects... Even worse, some biologists have claimed that there are no biological impacts... to our surprise, leaves contaminated at relatively low levels... resulted in a mortality rate of more than 50%... Moreover, the sensitivity of the offspring generation increased, resulting in very high mortality rates... it is widely believed among modern biologists that insights obtained from one biological system are largely applicable to other systems...

*See also: [Study: Deaths, mutations increased sharply from Fukushima exposure especially at low doses - 'Small' levels of cesium may be significantly toxic](#)*

<sup>8</sup> Butterflies: Death and mutations increase from exposure to Fukushima contamination

<sup>9</sup> Little animals suffer too

[Smithsonian Magazine](#), May 14, 2014: *Even Tiny Amounts of Radioactive Food Made Caterpillars Become Abnormal Butterflies* Researchers in Japan discovered, even a small amount of radiation is too much. The scientists collected plant material from around Fukushima and fed it to pale grass blue butterfly caterpillars. When the caterpillars turned into butterflies, they suffered from mutations and were more likely to die early [... even if they]

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had only eaten a small amount of artificial cesium In other words, things don't look good for the animals living around Fukushima.

[Nature - Scientific Reports](#) (pdf), Published May 15, 2014: [We] examined possible relationships between the dose of ingested cesium per larva and the mortality and abnormality rates. Both the mortality and abnormality rates increased sharply, especially at low doses the mortality and abnormality rates increased sharply, especially at low doses. Additionally, there seemed to be no threshold level below which no biological response could be detected. the dose-response data suggests that the relatively small level of artificial cesium from the Fukushima Dai-ichi NPP may be significantly toxic to some individuals in butterfly populations the half lethal [i.e. LD50, amount that will kill 50% of a test subjects] dose [is 1.9 Bq per larva] and the half abnormal dose [is 0.76 Bq per larva] relatively small [levels] of artificial cesium from the Fukushima Dai-ichi NPP may be significantly toxic to some individuals in butterfly populations we assert that the half lethal and abnormal doses we obtained were quite high. it should be noted that we sampled contaminated leaves from Fukushima City, which many people inhabit as though nothing had happened Implications of the half lethal and abnormal doses we obtained in the present study will impact future discussions on the effects of radioactive exposure on other organisms, including humans. In conclusion, it is important to recognize the risk of internal radiation exposure due to ingested radioactive cesium, at least for the pale grass blue butterfly, and likely for certain other organisms living in the polluted area, possibly including humans.

<sup>10</sup> Surge in babies born with extra arms, legs after Fukushima - I feel officials know the cause is radiation - many get abortions to avoid 'inconvenient' babies - High number of stillbirths - Many people report cancer, far from Fukushima (VIDEO)

<sup>11</sup> Rapid rise in babies with missing brains and protruding spines - actual number higher than officials report (VIDEO)

<sup>12</sup> {see footnote at 3624.1} Hope Burwell wrote, On my first trip to Chernobyl in November 2000, I spent three days touring schools in Cherikov and the even more contaminated areas of the Mogilev district. Then we traveled to children's hospitals in Minsk. **What I saw there still shows up in nightmares: children with eyes in the sides of their heads, and children with no eyes at all, children with fingers that look like toes and children whose genitals are so poorly formed one can't determine their sex. Those nightmares are audible with infant wails like the cries of wounded wild animals.**

<sup>13</sup> Missouri Senator Maria Chappelle-Nadal, Sep 17, 2015 (at 27:00 in): ... reports that the Attorney General did with independent scientists: **what we have under the ground could end up as Chernobyl. ... 40,000 tons of uranium** have been spread all over the place ... **the most potent uranium in the world.** We're looking at the **cancer clusters** ... the number of children who have **double sets of teeth, missing eyeballs, brain tumors.** This is not consistent with a normal community, whatsoever.

<sup>14</sup> <http://www.stlmag.com/news/think-again/The-Poisoned-Children-of-Coldwater-Creek/> excerpt: Wright says there are a stunning number of reports of infertility, in addition to the birth-defect cases. There have been three separate cases of conjoined twins (a statistical anomaly). There were three babies born with only one ear, another without either eyeball.

<sup>15</sup>[http://www.thewe.cc/weplanet/news/depleted\\_uranium\\_iraq\\_afghanistan\\_balkans.html](http://www.thewe.cc/weplanet/news/depleted_uranium_iraq_afghanistan_balkans.html)  
Deformed children in Fallujah from depleted uranium bombardment: Young women in Fallujah in Iraq are terrified of having children because of the increasing number of babies born grotesquely deformed, with no heads, two heads, a single eye in their foreheads, scaly bodies or missing limbs. In addition, young children in Fallujah are now experiencing hideous cancers and leukemia. These deformities are now well documented, for example in television documentaries on SKY UK on September 1, 2009, and on SKY UK June 2008. Our direct contact with doctors in Fallujah report that: in September 2009, Fallujah General Hospital had 170 new born babies, 24% of whom were dead within the first seven days, a staggering 75% of the dead babies were classified as deformed. This can be compared with data

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from the month of August in 2002 where there were 530 new born babies of whom six were dead within the first seven days and only one birth defect was reported. A significant number of babies that do survive begin to develop severe disabilities at a later stage. One grave digger of a single cemetery is burying four to five babies a day, most of which he says are deformed.

<sup>16</sup> [HTTP://ENENEWS.COM/NUCLEAR-NIGHTMARE-VILLAGE-BIRTH-DEFECTS-DEFORMED-HEADS-LOPSIDED-BODIES-TOAD-SKIN-EYELIDS-TURNED-INSIDE-SCHOOL-BUILT-RADIOACTIVE-WASTE-CHILDREN-MUTATIONS-ALMOST-EVERY-STREET-VIDEO](http://ENENEWS.COM/NUCLEAR-NIGHTMARE-VILLAGE-BIRTH-DEFECTS-DEFORMED-HEADS-LOPSIDED-BODIES-TOAD-SKIN-EYELIDS-TURNED-INSIDE-SCHOOL-BUILT-RADIOACTIVE-WASTE-CHILDREN-MUTATIONS-ALMOST-EVERY-STREET-VIDEO)

<sup>17</sup> Excerpts from report on Huffington Post, Dec 14, 2015 (emphasis added): *How India's Nuclear Industry Created A River Of Death...*

Researchers found that the Subarnarekha river and areas around Jadugoda, India, were **poisoned from the emissions of a nearby secret nuclear factory** ... The Center for Public Integrity has reviewed hundreds of pages of personal testimony and clinical reports in the case that present a disturbing scenario. Doctors and health workers, as well as international radiation experts, say that nuclear chiefs have **repeatedly suppressed** or rebuffed their warnings. The case files include epidemiological and medical surveys **warning of a high incidence of infertility, birth defects and congenital illnesses.**

[Dipak Ghosh, a respected Indian physicist and dean of the Faculty of Science at Jadavpur University, with his] team collected samples from the river and from adjacent wells, seven years ago, he was **alarmed** by the results... It was **potentially catastrophic**, Ghosh said in a recent interview. **Millions of people** along the waterway were potentially exposed. Many said their children were born with **partially formed skulls**, blood disorders, **missing eyes or toes, fused fingers or brittle limbs.**

Analyzing a representative sample of people between 4 and 60 years old living within a mile and a half of the third tailing dam, the **researchers hired by [Uranium Corporation of India Limited]** concluded that the **residents were affected by radiation.** Symptoms included swollen joints, spleens and livers, and coughing up blood. The UCIL report also described osteoporosis, **defective limbs**, and **habitual abortion**, as well as many complaints of missed menstrual cycle and a **cluster of cancer** cases.

[A]n **American diplomat** [warned that] lax safety measures are exposing local tribal communities to radiation contamination. In a confidential cable to Washington, Henry V. Jardine, a career Foreign Service officer and former Army captain, expressed blunt dismay. In a new cable on June 6, 2008, Jardine told Washington another epidemiological study had concluded indigenous groups ... living close to the mines reportedly suffer **high-rates of cancer, physical deformities, blindness, brain damage** and other ailments. UCIL refuses to acknowledge these issues, he noted. Jardine wrapped up: Post contacts, citing independent research, say that **it is difficult to point out any reason other than radiation.**

Surendra Gadekar, a nuclear physicist, began taking soil, water and air samples... Their study was published in 2004... It found radiation levels inside the villages around the tailing ponds were almost **60 times the U.S. Nuclear Regulatory Commission safe level...** [They] also documented the existence in neighboring populations of children with **malformed torsos and deformed heads** and the **wrong number of fingers**, as well as a cluster of cases where **infants' bodies grew at different rates**, giving them a **lopsided** gait. Some had hyperkeratosis, a condition known as, **'toad skin'**.

In late 2000, [Hiroaki Koide, a nuclear engineer who teaches at the Research Reactor Institute at Kyoto University] took soil and water samples. These figures were **exceptionally worrying**, Koide said. **No one should have been living anywhere near.** 'Koide confirmed that uranium rock and finely ground mine tailings had been used as ballast for road leveling and **house building and to construct a local school and clinic.** [A] senior UCIL official... confirmed these construction projects using irradiated materials had gone ahead as **part of a community outreach project.**

Toronto Star, Sep 15, 2014: *India's nuclear nightmare: The village of birth defects...* Neither Alowati nor Duniya can walk, nor can they hold anything; their limbs dangle lifelessly... Their

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knees and elbows are rubbed raw from crawling... They need help to bathe and use the toilet. Children with birth deformities like Alowati and Duniya live **on almost every street in Jadugora...** When people began to notice that young women were having miscarriages, witches and spirits were blamed... But people had **lesions, children were born with deformities, hair loss** was common. Cows couldn't give birth, hens laid fewer eggs, fish had skin diseases... [L]ocal media reports... included shocking pictures of children who were sick or deformed... A 2007 report by the Indian Doctors for Peace and Development, a non-profit, found a **far greater incidence of congenital deformity, sterility and cancer...** Mohammad is 13 but looks 7. Like Alowati and Duniya, he drags himself forward with his elbows... A few huts away [a child's] **eyelids are turned inside out...** Watch video from AOL here

<sup>18</sup> Fairewinds Japan Speaking Tour Series No. 3, Feb 24, 2016 (emphasis added):

- *Maggie Gundersen, Fairewinds Energy Education Podcast host*: One of the things that you've talked about and [environmental scientist Marco Kaltofen, PhD, PE] have talked about is internal radiation exposures and **hot particles**. What's the difference between a bomb exploding and a **nuclear plant exploding in the hot particles?**

- *Arnie Gundersen, Fairewind Chief Engineer and former nuclear engineer* (emphasis added): Most of the bomb exposure was from a direct flash that was over in seconds. There wasn't a significant amount of contamination on the ground because the bomb went off 1,000 feet in the air. So there was not a lot of radiation residual left on the ground for hot particles to get into people's lungs... That's not what we're seeing at Fukushima Daiichi. **Everything I'm finding here is millions and billions of very, very small particles that are spread pretty much everywhere.** We'll know a little bit more about that in the future... There's no comparison between a bomb and what happened at Fukushima. **A bomb obliterated maybe a pound of uranium** and it was a thousand feet in the air, so most of it went up almost immediately; whereas **each of the nuclear reactors at Fukushima had 100 tons of uranium in them so that the quantity of radiation that's spread out throughout the countryside is orders of magnitude higher at Fukushima than it was at Nagasaki.**

- Fairewinds Japan Speaking Tour Series No. 2, Feb 17, 2016:

- *Arnie Gundersen, Fairewinds' Chief Engineer and former nuclear engineer* (at 2:30 in): We found a parking lot at a supermarket [in Fukushima] that had a large radioactive source right in the middle... that people were walking over and driving over. It was **loaded with black radioactive dust just wherever you go - it's everywhere...**

- AG: One of the samples that one of my fellow scientists collected showed **plutonium - and significant amounts of plutonium**. It was in a square meter... he was getting 19 disintegration per second [becquerels] of plutonium. That stuff is **going to be around for a quarter million years...**

- *Maggie Gundersen, Fairewinds Energy Education Podcast founder*: That **plutonium was part of the core that came out then in the explosion**, correct?

- AG: **Yeah, the only source it could ever have come from is inside that nuclear reactor.**

- MG: And **the plutonium is being redeposited** at locations that were unanticipated?

- AG: **Yeah, it's everywhere.... It is everywhere**, and we're very careful, we're wearing gloves all the time, respirators all the times...

- AG: Wherever the ground is exposed, there is a high level of radiation in the mountains around here... it's all going to run right off and into the Pacific Ocean...

- MG: You talked about the plutonium - where was that found?...

- AG: The plutonium was found in a farmer's field about 10 miles from the power plant, it was found because that's where they looked. **If it's sitting out in that farmer's field, it's everywhere. Wherever there's radiation - cesium - there's going to be plutonium, and that's truly frightening...** It's pretty clear that significant amounts of plutonium are scattered throughout the hillsides... plutonium has got a 25,000 year half-life, so it's a quarter of a million years before it's gone.

Discovery, Dec 27, 2015: Although only limited areas of Fukushima are allowing residents to come back, that doesn't mean these areas are safe. **You can still find dangerous radioactive elements such as cesium, strontium, and plutonium in abundant quantities** here.



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<sup>19</sup> [Fairewinds japan speaking tour series no. 3](http://www.fairewinds.org/podcast/fukushima-refugees-japan-speaking-tour-series) – <http://www.fairewinds.org/podcast/fukushima-refugees-japan-speaking-tour-series> - Feb 24, 2016;

[Fairewinds japan speaking tour series no. 2](http://www.fairewinds.org/podcast/ground-zero-japan-speaking-tour-no-2) - <http://www.fairewinds.org/podcast/ground-zero-japan-speaking-tour-no-2> - Feb 17, 2016; [discovery](http://www.discovery.com), Dec 27, 2015; *Fairewinds podcasts no. 2 | no. 3* - [discovery broadcast](http://www.discovery.com) - <http://www.seekernetwork.com/the-nuclear-gypsies-risking-their-lives-in-fukushima-1528382241.html>

<sup>20</sup> [El País Semanal](#) (Spanish newspaper), May 2, 2016; [Editor's note: the following four of five Xinhua stories have the same date, but are different urls and different stories] [Xinhua](#), May 23, 2016; [Xinhua](#), May 23, 2016; [Xinhua](#), May 23, 2016; [Xinhua](#), May 23, 2016; [Xinhua](#), May 24, 2016; [El Pais special](#)

<sup>21</sup> [Oregon Official: Reports coming in of seafood with radioactive contamination](#)

[The Oregonian](#), Nov. 19, 2013: - A pocket of doubt persists despite reassurances from scientists and federal health regulators that Pacific-caught seafood is safe to eat. Health officials say Fukushima radiation doesn't pose a public health threat in the United States. That hasn't stopped lingering concerns. Christina Mireles DeWitt, director of Oregon State's Seafood Research and Education Center in Astoria, said she's noticed an uptick in worries recently. She receives about a call a week from concerned residents who've relayed second-hand reports of contaminated fish. Their stories aren't specific, though, and Mireles DeWitt (who still eats seafood) hasn't pinpointed what's causing the increased chatter. They're kind of secretive, she said. They don't want to give up their sources.

[The Oregonian](#), Nov. 19, 2013: *Fukushima radiation in Oregon fish; Andy Norris is concerned about the impact the Fukushima nuclear disaster is having on local fish* - Oregon Filmmaker Andy Norris: We're pooling resources, we're buying a community Geiger counter. This is a huge nuclear accident. It's not done. 400 tons of radioactive water is being dumped into the Pacific each day. We think it's prudent to be doing some testing. It's not going to go away soon. It's still coming over. This is going to go on for years, if not decades. It's a very sensible idea to buy this community Geiger counter.

[Watch The Oregonian's video featuring Norris here](#)

[Reports of Fukushima contamination in albacore tuna off Oregon coast: More US tuna contaminated -- Study: Entire food web including humans may be affected as Fukushima radionuclides spread to West Coast](#)

<sup>22</sup> Since Chernobyl, Belarus has seen a sharp rise in birth defects.

Right after Chernobyl blew its top, Edward Teller said on the ABC Evening News in late April 1986, The chances of a real calamity at a nuclear power station are infinitesimally small. But should it happen, the consequences are impossible to imagine.

<sup>23</sup> , more land than six eastern states combined

<sup>24</sup> Eighty-eight percent of contaminated Belarus is 111x-370x more contaminated than that.

<sup>25</sup> A March 6th test of a HEPA filter recorded radiation levels 668% or 6.68 times the normal background radiation levels. This test took place 43 days after initial tests and shows a 130% increase since January 22nd 2012. The California Highway Patrol considers anything over 3x background, 300% of background above, a trigger level to a hazardous materials situation, reported the *EnviroReporter*.

Our last HEPA filter measurements January 22 produced some astonishing results. Doing a spot test on the Honeywell barrel-style filter and a Kenmore Plasmawave, we found radiation ~351% of normal background. The machines had been running for 42 days. The combined aggregate dust came in even hotter at 538% of normal background radiation at Radiation Station Santa Monica.

Now 43 days later the dust was a lot hotter. A spot test was ~377% of the previous background. Then we vacuumed out the filters with a HEPA filter Eureka vacuum cleaner and tested the aggregate. The March 6 test of the combined dust came in at a sizzling 668% of background or 6.68 times normal. Since the last testing period, the radiation detected has risen another 130% indicating a continued upward trend.

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<sup>26</sup> That radiation is rising in Los Angeles as it is in many places in the northern hemisphere. For some reality checking, we have the New York Times saying that, The amount of radioactive materials released in the first days of the Fukushima nuclear disaster was almost two and a half times the initial estimate by Japanese safety regulators, the operator of the crippled plant said in a report released on the 24th of May, 2012.

The operator, the Tokyo Electric Power Company, said the meltdowns it believes took place at three reactors at the Fukushima Dai-ichi plant released about 900,000 terabecquerels of radioactive substances into the air during March 2011. The accident, which followed an earthquake and a tsunami, occurred on March 11. The latest estimate was based on measurements suggesting the amount of iodine-131 released by the nuclear accident was much larger than previous estimates, the utility said in the report. Iodine-131 is a fast-decaying radioactive substance produced by fission that takes place inside a nuclear reactor. It has a half-life of eight days and can cause thyroid cancer. The newly released information just adds insult to injury to not only the Japanese but everyone on the west coast of North America, then onward across the plains to the east coast and Europe.

<sup>27</sup> There are literally a billion people that have not been told the extent of the accident or the risks it posed directly for them.

A terabecquerel is a trillion becquerels, a commonly used measure of the radiation emitted by a radioactive material. So the New York Times is saying that early on 900,000,000,000,000,000 becquerels were released in the first 20 days of the nuclear disaster. Sounds like a lot but how much is that really? The becquerel is a useful measure of the amount of radiation emitted by a substance, but it tells us little about the effect of that radiation on our bodies.

<sup>28</sup> The amount of damage done depends on how much radiation we are exposed to. This in turn depends on how much radioactive material is present in our environment, our food and so on. So it is important to have some way to talk about amounts of radiation. This is what the unit becquerel is for.

<sup>29</sup> ... Chernobyl legacy could include hundreds of thousands of additional cancer deaths... Current estimates predict anything from 14,000 to 475,500 deaths worldwide from Chernobyl. (A curie measures the intensity of radiation; is equal to 37 billion disintegrations per second.

<sup>30</sup> If we translate what the New York Times is saying in terms of radiation released in the first 20 days, 900,000 terabecquerels translates into 27 million curies. It is over a year later and no one knows or is saying how much aggregate radiation has been released but we can imagine it's a staggering amount.

One curie is the amount of radiation equal to the disintegration of 37 billion atoms-37 billion becquerels-per second. It is a very large amount of radiation. We multiply these amounts (27 million curies times 37 billion radioactive atoms) and we are back to just a little more than our 900,000 terabecquerels... all the way up to 999,000,000,000,000,000 becquerels, which translates into 999,000,000,000,000,000 nuclear particles decaying in the first 20 days of the Fukushima nuclear nightmare.

<sup>31</sup> So let's go back to Belarus where the average level of contamination on the polluted territories was 37Ci/km<sup>2</sup> and the maximum safe limit for residency is 5Ci/km<sup>2</sup>. We had 27 million curies released in the first 20 days and that would contaminate an area of approximately five million square kilometers if distributed equally. Of course that never happens as we can see in the fallout patterns surrounding Chernobyl. It can be assumed that the worst of the radiation was released in the first month with the complete meltdown of multiple reactor cores and the destruction and probably vaporization of spent-fuel rods.

<sup>32</sup>KYODO = [HTTP://WWW.JAPANTIMES.CO.JP/NEWS/2016/05/19/NATIONAL/FORMER-PRIME-MINISTER-KOIZUMI-BACKS-U-S-SAILORS-SUING-OVER-FUKUSHIMA-RADIATION/#.v1FUAXRKOSQ](http://www.japantimes.co.jp/news/2016/05/19/national/former-prime-minister-koizumi-backs-u-s-sailors-suing-over-fukushima-radiation/#.v1FUAXRKOSQ) MAY 19, 2016 - [HTTP://ENNEWS.COM/ATTORNEY-NAVY-SAILORS-THIRD-DEATH-EXPOSURE-FUKUSHIMA-FALLOUT-BABY-BRAIN-CANCER-DIED-REPORTERS-WORRIED-ABOUT-PUBLISHING-STORIES-RELATED-CASE-PROFESSOR-USS-REAGAN-SAILORS-FIRST-BE-HIT-PLUME-PLANT](http://enews.com/attorney-navy-sailors-third-death-exposure-fukushima-fallout-baby-brain-cancer-died-reporters-worried-about-publishing-stories-related-case-professor-uss-reagan-sailors-first-be-hit-plume-plant) - ASAHI SHIMBUN, MAY 19, 2016 - CBS SAN DIEGO = [HTTP://WWW.CBS8.COM/STORY/32000871/SICK-SAILORS-MEET-WITH-JAPANS-FORMER-PRIME-MINISTER](http://www.cbs8.com/story/32000871/sick-sailors-meet-with-japans-former-prime-minister) MAY 18, 2016 - NBC SAN DIEGO = [HTTP://WWW.NBCSANDIEGO.COM/NEWS/LOCAL/FUKUSHIMA-RADIATION-RONALD-REAGAN-SAILORS-JAPAN-379941261.HTML](http://www.nbcsandiego.com/news/local/fukushima-radiation-ronald-reagan-sailors-japan-379941261.html) MAY 18, 2016 - SAN DIEGO UNION TRIBUNE = [HTTP://WWW.SANDIEGOUNIONTRIBUNE.COM/NEWS/2016/MAY/17/REAGAN-RADIATION-SICK-SAILORS-JAPAN-KOIZUMI/](http://www.sandiegouniontribune.com/news/2016/may/17/reagan-radiation-sick-sailors-japan-koizumi/) MAY 17, 2016 - CBS [HTTP://WWW.CBS8.COM/STORY/32000871/SICK-SAILORS-MEET-WITH-JAPANS-FORMER-PRIME-MINISTER](http://www.cbs8.com/story/32000871/sick-sailors-meet-with-japans-former-prime-minister) | NBC - [HTTP://WWW.NBCSANDIEGO.COM/NEWS/LOCAL/FUKUSHIMA-RADIATION-RONALD-REAGAN-SAILORS-JAPAN-379941261.HTML](http://www.nbcsandiego.com/news/local/fukushima-radiation-ronald-reagan-sailors-japan-379941261.html)