

What's Really Going on at Fukushima?

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Fukushima's still radiating, self-perpetuating, immeasurable, and limitless, like a horrible incorrigible Doctor Who monster encounter in deep space.

Fukushima will likely go down in history as the biggest cover-up of the 21st Century. Governments and corporations are not leveling with citizens about the risks and dangers; similarly, truth itself, as an ethical standard, is at risk of going to shambles as the glue that holds together the trust and belief in society's institutions. Ultimately, this is an example of how societies fail.

Tens of thousands of Fukushima residents remain in temporary housing more than four years after the horrific disaster of March 2011. Some areas on the outskirts of Fukushima have officially reopened to former residents, but many of those former residents are reluctant to return home because of widespread distrust of government claims that it is okay and safe.

Part of this reluctance has to do with radiation's symptoms. It is insidious because it cannot be detected by human senses. People are not biologically equipped to feel its power, or see, or hear, touch or smell it (Caldicott). Not only that, it slowly accumulates over time in a dastardly fashion that serves to hide its effects until it is too late.

Chernobyl's Destruction Mirrors Fukushima's Future

As an example of how media fails to deal with disaster blowback, here are some Chernobyl facts that have not received enough widespread news coverage: Over one million (1,000,000) people have already died from Chernobyl's fallout.

Additionally, the Rechitsa Orphanage in Belarus has been caring for a very large population of deathly sick and deformed children. Children are 10 to 20 times more sensitive to radiation than adults.

Zhuravichi Children's Home is another institution, among many, for the Chernobyl-stricken: "The home is hidden deep in the countryside and, even today, the majority of people in Belarus are not aware of the existence of such institutions" (Source: Chernobyl Children's Project-UK).

One million (1,000,000) is a lot of dead people. But, how many more will die? Approximately seven million (7,000,000) people in the Chernobyl vicinity were hit with one of the most potent exposures to radiation in the history of the Atomic Age.

The exclusion zone around Chernobyl is known as "Death Valley." It has been increased from 30 to 70 square kilometres. No humans will ever be able to live in the zone again. It is

a permanent “dead zone.”

Additionally, over 25,000 died and 70,000 disabled because of exposure to extremely dangerous levels of radiation in order to help contain Chernobyl. Twenty percent of those deaths were suicides, as the slow agonizing “*death march* of radiation exposure” was too much to endure.

Fukushima- The Real Story

In late 2014, Helen Caldicott, M.D. gave a speech about Fukushima at Seattle Town Hall (9/28/14). Pirate Television recorded her speech; here’s the link: <https://www.youtube.com/watch?v=4qX-YU4nq-g>

Dr. Helen Caldicott is co-founder of Physicians for Social Responsibility, and she is author/editor of [Crisis Without End: The Medical and Ecological Consequences of the Fukushima Nuclear Catastrophe](#), The New Press, September 2014. For over four decades Dr. Caldicott has been the embodiment of the anti-nuclear banner, and as such, many people around the world classify her as a “national treasure”. She’s truthful and honest and knowledgeable.

Fukushima is literally a time bomb in quiescence. Another powerful quake and all hell could break loose. Also, it is not even close to being under control. Rather, it is totally out of control. According to Dr. Caldicott, “It’s still possible that Tokyo may have to be evacuated, depending upon how things go.” Imagine that!

According to *Japan Times* as of March 11, 2015: “There have been quite a few accidents and problems at the Fukushima plant in the past year, and we need to face the reality that they are causing anxiety and anger among people in Fukushima, as explained by Shunichi Tanaka at the Nuclear Regulation Authority. Furthermore, Mr. Tanaka said, there are numerous risks that could cause various accidents and problems.”

Even more ominously, Seiichi Mizuno, a former member of Japan’s House of Councillors (Upper House of Parliament, 1995-2001) in March 2015 said: “The biggest problem is the melt-through of reactor cores... We have groundwater contamination... The idea that the contaminated water is somehow blocked in the harbor is especially absurd. It is leaking directly into the ocean. There’s evidence of more than *40 known hotspot areas* where extremely contaminated water is flowing directly into the ocean... We face huge problems with no prospect of solution.” (Source: Nuclear Hotseat #194: Fukushima 4th Anniversary - Voices from Japan, March 10, 2015, <http://www.nuclearhotseat.com/2468/>)

At Fukushima, each reactor required one million gallons of water per minute for cooling, but when the tsunami hit, the backup diesel generators were drowned. Units 1, 2, and 3 had meltdowns within days. There were four hydrogen explosions. Thereafter, the melting cores burrowed into the container vessels, maybe into the earth.

According to Dr. Caldicott, “One hundred tons of terribly hot radioactive lava has already gone into the earth or somewhere within the container vessels, which are all cracked and broken.” Nobody really knows for sure where the hot radioactive lava resides. The scary unanswered question: Is it the China Syndrome?

Following the meltdown, the Japanese government did not inform people of the ambient levels of radiation that blew back onto the island. Unfortunately and mistakenly, people fled away from the reactors to the highest radiation levels on the island at the time.

As the disaster happened, enormous levels of radiation hit Tokyo. The highest radiation detected in the Tokyo Metro area was in Saitama with cesium radiation levels detected at 919,000 becquerel (Bq) per square meter, a level almost twice as high as Chernobyl's "permanent dead zone evacuation limit of 500,000 Bq" (source: Radiation Defense Project). For that reason, Dr. Caldicott strongly advises against travel to Japan and recommends avoiding Japanese food.

Even so, post the Fukushima disaster, Secretary of State Hillary Clinton signed an agreement with Japan that the U.S. would continue importing Japanese foodstuff. Therefore, Dr. Caldicott suggests people not vote for Hillary Clinton. One reckless dangerous precedent is enough for her.

According to Arnie Gundersen, an energy advisor with 39 years of nuclear power engineering experience, as reported in *The Canadian* on August 15, 2011: "The US government has come up with a decision at the highest levels of the State Department, as well as other departments who made a decision to downplay Fukushima. In April, the month after the powerful tsunami and earthquake crippled Japan including its nuclear power plant, Hillary Clinton signed a pact with Japan that she agreed there is no problem with Japanese food supply and we will continue to buy them. So, we are not sampling food coming in from Japan."

However, in stark contrast to the United States, in Europe Angela Merkel, PhD physics, University of Leipzig and current chancellor of Germany is shutting down all nuclear reactors because of Fukushima.

Maybe an advanced degree in physics makes the difference in how a leader approaches the nuclear power issue. It certainly looks that way when comparing/contrasting the two pantsuit-wearing leaders, Chancellor Merkel and former secretary of state Clinton.

After the Fukushima blow up, ambient levels of radiation in Washington State went up 40,000 times above normal, but according to Dr. Caldicott, the U.S. media does not cover the "ongoing Fukushima mess." So, who would really know?

Dr. Caldicott ended her speech on Sept. 2014 by saying: "In Fukushima, it is not over. Everyday, four hundred tons of highly radioactive water pours into the Pacific and heads towards the U.S. Because the radiation accumulates in fish, we get that too. The U.S. government is not testing the water, not testing the fish, and not testing the ambient air. Also, people in Japan are eating radiation every day."

Furthermore, according to Dr. Caldicott: "Rainwater washes over the nuclear cores into the Pacific. There is no way they can get to those cores, men die, robots get fried. Fukushima will never be solved. Meanwhile, people are still living in highly radioactive areas."

Fukushima will never be solved because "men die" and "robots get fried." By the sounds of it, Fukushima is a perpetual radiation meltdown scenario that literally sets on the edge of a bottomless doomsday pit, in waiting to be nudged over.

A UN (UNSCEAR) report on April 2, 2014 on health impacts of the Fukushima accident concluded that any radiation-induced effects would be too small to identify. People were well protected and received “low or very low” radiation doses. UNSCEAR gave an all-clear report.

Rebuttal of the UNSCEAR report by the German affiliate of the International Physicians for the Prevention of Nuclear War d/d July 18, 2014 takes a defiant stance in opposition to the UN report, to wit: “The Fukushima nuclear disaster is far from over. Despite the declaration of ‘cold shutdown’ by the Japanese government in December 2011, the crippled reactors have not yet achieved a stable status and even UNSCEAR admits that emissions of radioisotopes are continuing unabated. 188 TEPCO is struggling with an enormous amount of contaminated water, which continues to leak into the surrounding soil and sea. Large quantities of contaminated cooling water are accumulating at the site. Failures in the makeshift cooling systems are occurring repeatedly. The discharge of radioactive waste will most likely continue for a long time.”

“Both the damaged nuclear reactors and the spent fuel ponds contain vast amounts of radioactivity and are highly vulnerable to further earthquakes, tsunamis, typhoons and human error. Catastrophic releases of radioactivity could occur at any time and eliminating this risk will take many decades... *It is impossible at this point in time to come up with an exact prognosis of the effects that the Fukushima nuclear disaster will have on the population in Japan...* the UNSCEAR report represents a systematic underestimation and conjures up an illusion of scientific certainty that obscures the true impact of the nuclear catastrophe on health and the environment.”

To read the full text of the rejoinder to the UN report, go to: <https://japansafety.wordpress.com/tag/saitama/>

Fukushima’s Radiation and the Future

Mari Yamaguchi, Associated Press (AP), June 12, 2015: “Four years after an earthquake and tsunami destroyed Japan’s Fukushima nuclear power plant, the road ahead remains riddled with unknowns... Experts have yet to pinpoint the exact location of the melted fuel inside the three reactors and study it, and still need to develop robots capable of working safely in such highly radioactive conditions. And then there’s the question of what to do with the waste... serious doubts about whether the cleanup can be completed within 40 years.”

“Although the Chernobyl accident was a terrible accident, it only involved one reactor. With Fukushima, we have the minimum [of] 3 reactors that are emitting dangerous radiation. The work involved to deal with this accident will take tens of years, hundreds of years,” Prof. Hiroaki Koide (retired), Kyoto University Research Reactor Institute, April 25, 2015. “It could be that some of the fuel could actually have gone through the floor of the containment vessel as well... What I’ve just described is very, very logical for anyone who understands nuclear engineering or nuclear energy,” which dreadfully spells-out: THE CHINA SYNDROME.

According to the Smithsonian, April 30, 2015: “Birds Are in a Tailspin Four Years After Fukushima: Bird species are in sharp decline, and it is getting worse over time... Where it’s much, much hotter, it’s dead silent. You’ll see one or two birds if you’re lucky.” Developmental abnormalities of birds include cataracts, tumors, and asymmetries. Birds are spotted with strange white patches on their feathers.

Maya Moore, a former NHK news anchor, authored a book about the disaster: [The Rose Garden of Fukushima](#) (Tankobon, 2014), about the roses of Mr. Katsuhide Okada. Today, the garden has perished: "It's just poisoned wasteland. The last time Mr. Okada actually went back there, he found baby crows that could not fly, that were blind. Mutations have begun with animals, with birds."

The Rose Garden of Fukushima features a collection of photos of an actual garden that existed in Fukushima, Japan. Boasting over 7500 bushes of roses and 50-thousand visitors a year, the Garden was rendered null and void in an instant due to the triple disaster — earthquake, tsunami, and meltdown.

The forward to Maya's book was written by John Roos, former US Ambassador to Japan 2009-13: "The incredible tale of Katz Okada and his Fukushima rose garden was told here by Maya Moore... gives you a small window into what the people of Tohoku faced."

Roos' "small window" could very well serve as a metaphor for a huge black hole smack dab in the heart of civilization. Similarly, Fukushima is a veritable destruction machine that consumes everything in its path, and beyond, and its path is likely to grow. For certain, it is not going away.

Thus, TEPCO (Tokyo Electric Power Company) is deeply involved in an asymmetric battle against enormously powerful unleashed out-of-control forces of $E=mc^2$.

Clearly, TEPCO has its back to the wall. Furthermore, it's doubtful TEPCO will "break the back of the beast." In fact, it may be an impossible task.

Maybe, just maybe, Greater Tokyo's 38 million residents will eventually be evacuated. Who knows for sure?

Only Godzilla knows!

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