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Comments on Docket ID NRC-2015-0057

To the Nuclear Regulatory Commission:

There is no safe dose of radiation.

“The scientific research base shows that there is no threshold of exposure below which low levels of ionizing radiation can be demonstrated to be harmless or beneficial,”

Richard R. Monson, panel chairman and professor of epidemiology, Harvard’s School of Public Medicine.

“It is not a question any more: radiation produces cancer, and the evidence is good all the way down to the lowest doses.” John W. Goffman, medical physicist

“If you inhale a millionth of a gram of plutonium, the surrounding cells receive a very, very high dose. Most die within that area, because it’s an alpha emitter. The cells on the periphery remain viable. They mutate, and the regulatory genes are damaged. Years later, that person develops cancer. Now, that’s true for radioactive iodine, that goes to the thyroid; cesium-137, that goes to the brain and muscles; strontium-90 goes to bone, causing bone cancer and leukemia. ” Researcher and medical doctor Helen Caldicott, MD

"The number of children and grandchildren with cancer in their bones, with leukemia in their blood, or with poison in their lungs might seem statistically small to some in comparison with natural health hazards. But this is not a natural health hazard and it is not a statistical issue. The

loss of even one human life, or the malformation of even one baby who may be born long after we are gone should be of concern to us all. Our children and grandchildren are not merely statistics toward which we can be indifferent." President John F. Kennedy

"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... 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, and it is important that we get control of this horrible force and try to eliminate it.." – Admiral Hyman G. Rickover January 28, 1982

...“ Nuclear power ... creates massive quantities of radioactive waste. There is no way to put it on earth that's safe. As it leaks into the water over time, it will bioconcentrate in the food chains, in the breast milk, in the fetuses, that are thousands of times more radiosensitive than adults. One x-ray to the pregnant abdomen doubles the incidence of leukemia in the child. And over time, nuclear waste will induce epidemics of cancer, leukemia and genetic disease, and random compulsory genetic engineering. And we're not the only species with genes, of course. It's plants and animals. So, this is an absolute catastrophe, the likes of which the world has never seen before. ” - Researcher and medical doctor Helen Caldicott

“While a highly coordinated effort is underway by the nuclear industry, mainstream media, medical establishment and world governments to define, justify and reinforce a "safe level of radioactivity" pertaining to the air, the water, the food, and our bodies, the unspoken truth contained within the precautionary principle that there is no safe dose of radiation, nor a safe level of exposure to the 200+ radioisotopes released by the Fukushima reactor complex meltdown, is but an inaudible whisper in the cacophony of a world dominated by universal deception....” Prof. Edward P. Radford, physician and epidemiologist

The Nuclear Regulatory Commission has brought pain and suffering and near-permanent environmental damage to the territory of the United States and throughout the earth through its incestuous relationship with nuclear energy and, by extension, nuclear weapons,

The NRC allows PG&E's Diablo Canyon Nuclear Power Plant to remain open despite 29 safety violations last year, dangerously incorrect dry cask storage, and being out of compliance. One of the safety violations last year was inoperable backup generators. In other words, if the grid goes down and the generators don't work, there will be a West Coast Fukushima. Diablo Canyon is adjacent to several earthquake faults and only about 140 miles from Los Angeles. What could go wrong? Remember, former Prime Minister Naoto Kan was prepared to evacuate 30 million people from Tokyo when Fukushima exploded. That's a distance of 130 miles, and now portions of Tokyo are extremely contaminated.

The St. Louis landfill disaster has not been addressed. Low level hormesis rules mean the federal government can continue to ignore this catastrophe until it really deteriorates.

Missouri Senator Maria Chappelle-Nadal) said, “There are references that are in the reports that the Attorney General did with independent scientists where they say that what we have under the ground could end up as Chernobyl. What I am concerned about are the 40,000 tons of uranium that have been spread all over the place... We're talking about the most potent uranium in the world... “

Then Senator Chappelle-Nadal talks about the birth defects and cancer already due to the contamination.

We're looking at the cancer clusters... We're looking at the number of children who have double sets of teeth, children who have missing eyeballs, the number of children who have brain tumors. This is not consistent with a normal community whatsoever."

The Nevada waste dump near Pahrump just exploded. The public doesn't know what's buried there, but the feds know because of the high-level federal response after it blew up. What is buried there, by the way? More "low level" nuclear waste?

Hanford is a perpetual, deepening tragedy, denied by the federal government. The "green runs" and ongoing hushed up leakage cause mutations in fish and livestock, and babies to be born with their brains outside of their skulls, dying in their distraught families' arms. Whistleblowers are silenced.

Who can forget the Waste Injection Project near Carlsbad NM and the kitty litter scandal? The exposure figures and extent of damage keep going up, but it's still "low level" waste to the NRC.

Then there is the huge nuclear waste dump in the Pacific Ocean in fishing grounds 50 miles off San Francisco, as well as other nuclear waste dumps off the Pacific and Atlantic coastlines. How much "low level" waste comes ashore daily?

There's depleted uranium – "low level" for the U.S. cannon fodder soldiers and the victims of US-inflicted genocide. Has the Commission been involved in keeping the UN report of birth defects shelved? Surely the Commission knows that Iraqi doctors are telling women in Fallujah not to have babies because of the horrific birth defects from the "low level" exposure? The Navy planned to use depleted uranium in wargames in the Pacific recently. It's just "low level", after all.

There's the Santa Susanna Field Laboratory radiation contamination in the Los Angeles region. Nuclear accidents in the 1950s and 1960s and weeks of radioactive gases venting over the countryside, mostly toward Los Angeles, were kept secret from the public until students stumbled on the documents. How many people died as a result of that single location? How many cancers resulted from that "low-level" exposure? Were those accidents beneficial to the people of Los Angeles?

We now know the DOE also experimented on Los Angeles residents, blowing up a nuclear reactor in Nevada and gauging the effect on L.A.

The NRC keeps growing the nuclear industry without any idea of where to put the waste, and hiding the enormous, permanent health damage that results from its impacts.

And who can forget Fukushima, the ongoing catastrophic event the United States federal government repeatedly lies about to the public. Former Prime Minister Kan says it's the most severe accident in the history of mankind.

Hundreds of tons of highly contaminated water flow into the Pacific every day. There are constant airborne emissions, with frequent spikes of Iodine 131. Initially, it was at such a "low" level, it was the equivalent of a one-megaton atmospheric atomic explosion at each monitor. That's according to government scientists.

The public didn't learn about this. But the NRC knew and early on. There was this March 12, 2011 NRC meeting:

This is Brian Sharon. Quick question, well, not question, but I've gotten a couple of emails here today, from some of the National Labs, and they're all — there are a couple of them chomping a the bit, you know, saying, "Ghee, can we help? Ghee, can we go calculate this," with the codes and all that stuff.

I keep telling them, “No, you don’t know the scenario,” but you know, somebody might want to call DOE and tell them to tell their labs to cool it, because the last thing we want is the labs going off, talking to the press, talking about consequences and all sorts of other stuff, because you know, they’re chomping at the bit, to do something, and I’m not sure, Eliot, maybe you’ve got a point of contact up there at DOE?

MR. BRENNER: I’ll send a note to their Press Secretary, asking him, through his chain, to reach out, down to the labs and tell them to back off. If we’ve got other chains, we might as well –

...

MR. JOHNSON: This is Mike Johnson. My other thought was, it may be just to cut to the chase, just to pass the same, to call the lab directors and say, “Knock it off,” or whatever messages we want to get to them.

UC Berkeley rainwater tested 181X EPA drinking water standards immediately after Fukushima blew up. No problem. The EPA raised its drinking water limits. Now it’s a low level. The EPA in concert with the NRC will keep doing so whenever necessary. The EPA may even be calling it “de minimis” now. Raising limits from 3 pCi/l to 81,000 pCi/l is pretty shocking even for the ignorant.

The ocean ecosystem is collapsing -- suffering, dying, starving sea life visible all along the West Coast. We are dependent on oxygen created by plankton. When they die, what then?

The NRC and the EPA hide basic science. Science says that radiation doesn’t dilute; it accumulates. Radiation bioaccumulates up the food chain. Beef, dairy, fish have much higher doses than the “low” doses of those at lower food chain rungs. That’s a catastrophe.

This is what the NRC should be focusing on instead of this proceeding. All of these situations are what NRC staff should be attending to now, yet the NRC engages in PR and spin for all these problems and situations. This hormesis proceeding proves that none of this matters to the NRC or the DOE, and that science can be manufactured. It also proves that we are all collateral damage.

“Low” means whatever the federal government wants it to mean, whatever it wants to ignore.

Yes, Americans are exposed to lots of radioactivity, including the radiation from medical tests and treatment when they finally get cancer.

I would like to know where on this Earth the commissioners and staff plan to go to escape the growing contamination in the environment and to our food.

This proceeding is yet another shameful chapter in the long saga of NRC abuses, paid for by taxpayers. This Commission is already promoting instead of regulating, ignoring the countless levels of contamination and incidents of injury in the U.S. This ruling would legalize and liberalize what the Commission is already allowing and ignoring.

If the Commission follows through on this ruling, every single commissioner and every single staff member who participated in this proceeding will be liable for all injuries and death of Americans and all those exposed to America’s deadly love affair with radiation.

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