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Docket: NRC-2012-0246

Consideration of Environmental Impacts on Temporary Storage of Spent Fuel After Cessation of Reactor Operation

Comment On: NRC-2012-0246-0456

Waste Confidence - Continued Storage of Spent Nuclear Fuel; Extension of Comment Period

Document: NRC-2012-0246-DRAFT-1117

Comment on FR Doc # 2013-26726

Submitter Information

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General Comment

Secretary; U.S. NRC Commission
 Washington, D.C. 20555-0001
 ATTN: Rulemakings and Adjudications Staff

Docket ID No. NRC-2012-0246
 RE: Draft Generic Environmental Impact Statement (DGEIS)

Feedback as follows:

Close down all nuclear power plants starting with Mark I and Mark II's and all plants using salt-water. Use HOSS until a repository is available. No interim storage facility should be allowed. All spent fuel in pools over five years old should be immediately removed and placed in HOSS. Plants should be closed to allow for fuel to start cooling. With climate change, these plants use up our water supply, increase the heat in our water supply thereby warming the planet and destroying our oceans, lakes and rivers. Nuke plants are grid dependent for cooling. When the grid goes down, there is only one week of diesel on site to provide back-up to cool the plants. The diesel generators have been known to fail. More Chernobyls and Fukushima's are a certainty if we do not shut these plants down while we have some control and foresight. Nuke plants during normal operation release radionuclides into the air, water and land and we, as a race, are dying because of it. Nuke plants are not 'green energy'. Sorry Senator Alexander but you are wrong. Please read Dr. Helen Caldicott's book, Nuclear Power Is Not The Answer and educate yourself. To power our 21st century we need renewables. Knowing that radionuclides such as Iodine-129 with a 1/2 life of 15.9 million years and Technetium-99 with a 1/2 life of 213,000 years will be contained in this repository and that nuclear waste must be isolated from the environment for at least 10 - 20 times the 1/2 life of the radionuclide, also known as it's hazardous life, the law should be

changed. Current law only states that high-level waste should be isolated from the biosphere for 10,000 years. Since we know this is impossible, we should at least admit that to ourselves and stop the deceit and cover-up. Are we as a nation capable of such an undertaking? Can we legitimately say it is in our people's interest to keep generating nuclear waste? Do we have an obligation to the other people and creatures of this planet to stop making nuclear waste? Re-write this law with sanity at its core instead of madness.

The repository should be designed to permit ongoing monitoring of containers to prevent leaks into our land, water and air and designed for retrieval and repackaging if leaks occur. Replaceable filters will be used to capture radioactive gas. Ongoing radiation monitors will be used on site as well as a citizens monitoring network in the surrounding communities. A system to deter wildlife will be in place powered by a renewable energy system. Site will be well marked to deter visitors and explanation of site posted in all languages. Site will be well guarded. Site may include separation of dry cask storage waste from liquid/ transuranic wastes to promote easier monitoring and replacement of containers. Repository will not be sited until all nuclear power plants are closed and the generation of nuclear waste at commercial facilities ceases. Time line for this is five years. Defense should phase out/ decommission nuclear weapons ASAP. The new organization should be enacted through the legislative branch, not the executive. More public hearings and public access to reports/ meetings is needed. The public has a right to comment on appointees. The agency should be in charge of all waste including low level waste buried in trenches, which needs to be exhumed. Acceptable exposure levels should be based on standards to protect the most vulnerable members of the community. The Price Anderson Act should be repealed. The nuclear facilities should have their own insurance of at least \$1 trillion to \$9 trillion per reactor based on their location. Stop nuclear bailouts and welfare to the nuclear industry. Enact curie limitation. Enough curies have already been produced. Close down the nuclear industry.

Francene McClintock