

WCRM-GEIS4CEm Resource

From: James Bowman [jbarauna1964@gmail.com]
Sent: Wednesday, November 20, 2013 4:24 PM
To: RulemakingComments Resource
Subject: Comment on Draft NUREG-2157 -- Docket NRC 210-0246 Waste Confidence Generic Environmental Impact Statement

Dear Secretary,

The NRC's "waste confidence" principle was properly struck down by a federal court because, some 60 years into the commercial atomic age, it is patently obvious that there is no foreseeable "solution" for long-term radioactive waste storage that would attain three necessary and basic goals: scientifically-defensible, environmentally-responsible and publicly-acceptable.

Not only is there no long-term solution for atomic waste in hand or on the horizon, the shorter-term programs now in place are inadequate from a public safety standpoint, and do not offer the requisite confidence to allow continued generation of radioactive waste.

Nothing in the NRC's Draft NUREG-2157 changes these realities.

It is apparent that rather than undertake a thoughtful re-examination of the NRC's radioactive waste policies and priorities--which admittedly might have taken considerable time and effort, the NRC chose to hurriedly slap together a document whose only purpose is to provide a thin veneer of a cover to overturn the agency's forced moratorium on reactor licensing and renewal procedures.

The NRC is surely the only regulatory body in the world that would argue that indefinite--essentially permanent--storage of high-level radioactive waste in fuel pools and dry casks provides "confidence" that this waste will never cause a threat to public health and safety. By their very nature, neither casks nor fuel pools are designed for permanent storage.

Rather than insist on a robust waste management system intentionally designed to handle conceivable accidents whether through equipment failure, natural disasters, operator error or any other cause that could release radioactive materials to the environment, the NRC's draft document ultimately relies on the low probability of an accident to justify its position that reactor licensing and relicensing may resume.

Low probability is not a substitute for protection, as the world already has learned from Fukushima to Chernobyl to Bhopal and Love Canal.

Ending radioactive waste generation is the single most important step we can take to minimize the risks surrounding its storage, and the NRC should revise its Waste "Confidence" document to ensure the speediest possible end to that generation. In the interim, NRC must mandate the immediate movement of waste that has been sufficiently cooled out of the pools to dry storage containers, and those should be hardened on-site (HOSS) to improve safety and security.

On a personal note I want to mention that I grew up in the shadow of nuclear energy since I live near Oak Ridge, TN. My father even worked for the ORNL. Now, due to toxins he was exposed to at his work, he has Parkinson's disease. Yes, these were untold amounts of toxins, probably not radioactive but they were toxins that the US Government and the companies that have held the contracts to run ORNL CARELESSLY allowed employees to be exposed to. This is not just anecdotal either. Parkinson's and other toxin-based illnesses run rampant in retirees from the ORNL. Further, wildlife have shown up with strange illnesses as well in

that area. My point is that as far as ORNL goes it does not seem that much care or foresight was has always been put into the running of that facility, which was one of the starting facilities for the US nuclear program. How lax has oversight been at other plants? How truthful has radiation exposure been reported? Frankly, I trust no government, private entity, nor individual with anything having to do with nuclear energy or weapons.

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