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

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

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USNRC

General Comment

We are sick at heart over the dire threat that the nuclear industry poses to humankind. Our lovely blue green planet is hanging by a thread about to be sliced by the nuclear Damocles sword.

The 1st consideration that we request is a reasonable timeframe for public comment. Please extend the Jan 2 deadline, hugely inadequate for an issue of such importance to the safety of our nation & of humanity for generations to come.

Nuclear Regulatory Commissioners who value life & who are well-informed, ethical & sane will push to cease licensing any atomic reactors, all of which generate high-level radioactive waste that remains deadly for a million years +. Please reject all pending licenses; then shut all nukes.

Please require that the nearly 70,000 metric tons of irradiated nuclear fuel currently stored at U.S. atomic reactors be put into Hardened On-Site Storage (HOSS) asap. Though not common knowledge, catastrophic radioactivity leaks have been all too common & will unfortunately reoccur.

The irradiated nuclear fuel should be transferred into on-site dry casks which are:

1. designed & built to last for centuries
2. camouflaged to deter, & fortified to withstand, terrorist attack

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3. safeguarded against accidents; &
4. prevented from corroding & leaking high-level radioactive waste into the environment, such as by replacement once per generation requiring either a pool or a hot cell for transfers.

If Chernobyl & Three Mile Island did not, the three core melt-downs at Fukushima Dai-ichi & the spent fuel pool risk at unit 4 prove beyond all doubt that nukes pose an intolerable threat. If the fuel rods are not kept cool, the area could become so hot that a chain reaction could provoke ever more melt-downs. Please consider the very likely risks of pool leaks & fires, & the risks of current dry cask storage which quality is shoddy as revealed both by industry & by ethical, courageous NRC whistleblowers (heroes.)

Thank you for reading & considering these comments