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Storing Spent Nuclear Fuel Waste

Comment On: NRC-2018-0017-0003
Requirements for the Indefinite Storage of Spent Nuclear Fuel

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General Comment

In addition to having concerns with the ability of SCE to properly assemble and handle the current nuclear waste canisters, as evidenced by the recent work stoppage due to a loose bolt, the canisters themselves are wholly inadequate. Instead of using the current canisters I am asking you to stop the operation and adopt and implement the HELMS (Hardened, Extended-life, Local, Monitored, Surface storage) requirement that requires a container design life for safe containment of toxic nuclear spent fuel of 1,000 years rather than the current requirement of only 40 years. The HELMS proposal requires that the current relatively thin (5/8" or less) canisters be enclosed in a much thicker outer shell, which can then preserve the internal canister from corrosion and other deterioration. Also, the outer shell can be easily replaced without a fuel pool or hot cell. Also any cracks or other breach of the outer shell can be easily detected using 7/24 monitoring of the internal pressure rather than using occasional robotic inspections that have never been proven to work. Do not jeopardize the environment and lives of millions of people. Please

immediately stop the current operation and implement the HELMS requirement before proceeding.