

**Comments Submitted Online by Virtual Attendees  
During the U.S. Nuclear Waste Technical Review Board's Summer 2024 Meeting  
in the Order that the Comments Were Submitted<sup>1</sup>**

**Thursday, August 29, 2024**

Name: Alice McNally

Affiliation:

Comment: DOE Meeting.

The DOE has let the public down.

. No plan ever for the Nuclear Waste

. where to put it

. how to get it there

. The failing rail infrastructure must be addressed

. SNF is Scattered in 80 de-facto US locations indefinitely = 80 probable 3 mile islands, Chernobyl's & Fukushima's

. Costing the taxpayers Billions

. No NAS health study

. Countless loss of life from cancer

. Los Alamos and Santa Suzanna are still contaminated and can't be cleaned up

. The Atomic Energy Advancement Act makes it impossible to proceed with Consent based sites, until a depository location is found.

. Time is running out.

. Randsburg CA has volunteered to take the waste and the DOE has not interviewed them.

. The NRC has admitted on July 12, to the CACC that their research has shown stress corrosion cracking in the canister welds, a limiting factor for the long term service of stainless steel canisters at San Onofre, CA. and has been granted a request to install steel, weather resistant outlet vents to the canisters to prevent flooding. See amendment 9-15-0228-A1.

.The only SOLUTION is to STOP MAKING MORE WASTE

. STOP promoting Nuclear and start promoting Sustainable energy.

. Rename the DOE the Dept. of Sustainable Energy and save the planet.

Name: Sven Bader

Affiliation: Orano Federal Services

Comment: Paul Murray - What changes do you envision will be necessary to the NWPA to move forward with a MRS/CISF and repository programs? Is there any impetus in Congress to draw up changes to the NWPA?

Name: Sven Bader

Affiliation: Orano Federal Services

Comment: Paul Murray - For advanced reactors (including SMRs), will DOE produce a waste acceptance criteria (WAC) for the disposal of the SNF from these reactors, which includes fundamental items such as the packaging (aka canisters) that DOE will accept?

Name: Sven Bader

Affiliation: Orano Federal Services

Comment: Paul Murray - Will revised Standard Contracts for advanced reactors be considered in the future over the current Standard Contract for New Reactors that does include the potential for a list of pre-approved

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<sup>1</sup>These include only the technical comments and not those comments identifying issues with the audio or video of the web stream. The Board appreciates the virtual attendees letting us know when audio-visual arise and when the issues are resolved.

canisters for SNF that the DOE will pay for?

Name: Donna Gilmore

Affiliation: Systems Analyst, SanOnofreSafety.org

Message: Thin-wall stainless steel canisters are pressure vessels that crack in the short-term. No method to detect cracks before canisters fail. Only thick-wall bolted lid casks (10" to over 19" thick) meet ASME N3 codes for storage and transport of highly radioactive spent nuclear fuel and other highly radioactive waste. For example, Castor ductile cast iron casks meet ASME N3 code requirements and are used successfully in most other advanced countries. DOE is wasting billions of dollars of taxpayer money by ignoring this existing solution and pretending more research is needed for the challenges to make these inferior thin-wall stainless steel safe. For example, see the Swiss storage System for radioactive waste storage. See details at SanOnofreSafety.org. The Swiss use Castor casks and specially designed Orano TN series thick wall casks. Why is the DOE ignoring the elephant in the room?

Name: Alice McNally

Affiliation:

Comment: Are all designs up to ASME codes?

Name: Connie Kline

Affiliation: Ohio Nuclear Free Network

Comment: Is there any discussion/plans for hardened near reactor storage?

Name: John Buchser

Affiliation: Sierra Club, Rio Grande Chapter

Comment: A map of viable areas from a geologic perspective for a permanent repository would be helpful. This would help on the process of actual identification of permanent sites and allow more thoughtful engagement with the public. It would also help to minimize movement of SNF from current locations to a (hopefully several) permanent repository.

Name: J. McEntire

Affiliation: Orano Federal Services

Comment: For Will Anderton's presentation: With the modifications being made to Building CPP-603, has there been a load test already performed of the trolley for the heavy metal cask, or if not already done, when will it be performed? The statement was made that the modification will allow a cask weighing upwards of 128 tons.

Name: Sven Bader

Affiliation: Orano Federal Services

Comment: William Anderton: will only vertical storage systems be considered in the demo project and will CPP-2707 be used for the interim storage temporarily or permanently?

Name: John Buchser

Affiliation: Sierra Club, Rio Grande Chapter

Comment: Useful agenda today. Thanks to all the presenters. I view the NWTRB as the most reliable source of information on addressing disposal challenges. One area that I would like to see more discussion on is that of the front-end risks of uranium mining, where the mining debris is causing negative health impacts, primarily to Navaho residents. The DOE should be responsible to lower risk.

Name: Leigh Ford

Affiliation: Snake River Alliance

Comment: Thank you to NWTRB for the opportunity to watch today. My first question to DOE /INL is to road read definition. Will the definition also include the integrity of the road/rail itself? 2) With regard to Idaho, there

was no mention by INL/DOE about our EPA designated sole source aquifer under INL. The ID Settlement Agreement protects our communities and the water that makes life in Idaho possible. Historically poor practices like injecting waste into our aquifer occurred, leading to the area becoming a superfund site. Are there efforts to change the ISA? 3) How can CIS even be considered legally while there is no permanent repository? Are there efforts to change the Nuclear Waste Policy Act?