

The Nuclear Regulatory Commission has issued a Proposed Rule 10 CFR Part 63, regarding the licensing of a proposed geologic repository at Yucca Mountain, Nevada.

DOCKETED
USNRC

DOCKET NUMBER
PROPOSED RULE **PR** 2,19,20 et al.
(64FR8640)

'99 MAY 24 A11:47

Attention NRC:

My/our major concerns and comments about the proposed criteria NRC is considering using to decide whether to license a repository at Yucca Mountain are:

OFFICE OF
ADJUDICATION STAFF

→ Radionuclides released from Yucca Mountain will primarily be in the groundwater. The groundwater protection standard in the federal Safe Drinking Water Act is 4 millirems (mrem). The NRC proposing a 25 mrem standard overall which includes groundwater (63.113).

Is this too high ☒ too low ☐ acceptable Comments: Any radionuclides contamination is unacceptable

→ The rule (63.115 and 63.113(b)) proposes determining compliance with the maximum radiation dose standard at a boundary 12 miles from the emplacement area. For comparison purposes, the Swedish government sets the boundary at the edge of the waste emplacement area. At DOE's Waste Isolation Pilot Project in N.M., the boundary is 5 kilometers (3 miles).

I believe the Yucca Mountain compliance boundary should be:

at emplacement area 3 miles away ☒ 12 miles away

Comments: I would personally suggest a 25-50 mile limit

→ The rule (63.41) says that NRC can issue the repository license to receive waste and allow waste to be put into the repository once it determines that there is enough underground storage space for "initial operation".

Do you think the rule should permit DOE to put waste in the repository before construction is completed? Yes ☒ No at all

Comments: I do not believe Nevada should allow a nuclear waste repository

→ The proposed rule (63.115) states that the NRC allowable maximum standard is determined based on the risk to an adult. I agree ☒ disagree that the standard should be based on risk to an adult. Comment: The allowable minimum should be the limit for children under 18, old

Additional Comments: My problem is the total stupidity of nuclear power to start with. For the amount of money spent on reactors, what percentage has been earned through the production of electricity? If it wasn't for the stupid politicians who have no consideration for anything but money in their pockets, who don't give a damn about their constituents there would have never been a nuclear reactor that creates a radioactive product which after 20,000 years can still kill you.

Name
Address
City/Zip

Frederic A. Fisher
P.O. Box 211227
Crescent Valley, NV 89821-1227
Support Northeast Animal Shelter

250074

Signature

Frederic A. Fisher

Date 5/15/99

Return to: Secretary, U.S. Nuclear Regulatory Commission, Washington DC 20555-0001, Attention: Rulemakings and Adjudications Staff. **Comments must be received by June 30.** Address appears on reverse side. Fold, tape, stamp, and mail.

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