

SUNSI Review Complete
Template = ADM - 013
E-RIDS= ADM-03
Add= C.Pineda (CLS1)

As of: 11/20/15 1:07 PM
Received: November 16, 2015
Status: Pending Post
Tracking No. 1jz-8maj-didm
Comments Due: November 20, 2015
Submission Type: Web

PUBLIC SUBMISSION

Docket: NRC-2015-0051

Department of Energy; Yucca Mountain, Nye County, Nevada; Supplemental Environmental Impact Statement

Comment On: NRC-2015-0051-0004

Department of Energy; Yucca Mountain, Nye County, Nevada; Correction and Extension of Comment Period

Document: NRC-2015-0051-DRAFT-0041

Comment on FR Doc # 2015-23510

8/31/2015
80 FR 50876

Submitter Information

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54

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2015 NOV 20 PM 2:01
RULES AND PROCEDURES
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General Comment

Yucca Mountain -comments/questions about the transportation of nuclear waste to the proposed Yucca Mountain Repository

Docket ID NRC-2015-0051- Yucca Mountain Nuclear Waste Repository

If all environmental impacts are to be assessed, the following waste transportation issues need to be addressed before finalizing the plans to build the Yucca Mountain Nuclear Waste Repository:

- 1)
If the spent nuclear fuel casks are no longer on the railcar, or the SNF railcar is no longer on the tracks, how will the car and its load be returned to the tracks?
- 2)
The SNF casks are extremely heavy and can only be lifted by specialized cranes. Will these cranes be made available for derailments?
- 3)
Can these cranes be set-up and loaded under every imaginable terrain?
- A)
Will the cranes be able to lift the SNF casks if the casks have derailed into a river or lake? If so, what is the maximum depth of the water and how fast can the water be flowing before the cranes can no longer be

operated?

B)

Will the cranes be able to lift the SNF casks if the casks have derailed into a muddy environment or swamp?

C)

Will the cranes be able to lift the SNF casks if the casks have derailed onto a rocky, unstable, steep hillside or mountainside?

D)

Will the cranes be able to lift the SNF casks if the casks have derailed and been shattered, broken, cracked or in any other way deformed or damaged?

E) If the casks have been damaged, how will people working the derailment be protected from the radiation?

3)

How will the shipments be protected from terrorism or sabotage? Please remember that the shipments cannot be hidden- the heat signature of the nuclear waste can be revealed by night-vision goggles.

Thank you for reading these comments,

Lisa Kasenow

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