

July 3, 2003

Mr. Robert R. Loux, Executive Director
Agency for Nuclear Projects
Office of the Governor
State of Nevada
1802 N. Carson Street, Suite 252
Carson City, NV 89701

Dear Mr. Loux:

I am responding to your letter, dated June 25, 2003, related to the recent public meeting between the Nuclear Regulatory Commission (NRC) and the State of Nevada on June 17, 2003.

As we agreed during the meeting, we are providing to you a list of the technical exchanges that have occurred between NRC and the U.S. Department of Energy (DOE) pertaining to the NRC's Total-System Performance Assessment (TPA) code or the DOE Total System Performance Assessment (TSPA) model.

As you are aware, the NRC's pre-application interactions with DOE are ongoing as the staff prepares for receipt of a Yucca Mountain application, the review of which must be completed under an aggressive schedule. Because of constraints resulting from these efforts, we request that you provide us with a list of your questions pertaining to the TPA code, so that we can determine whether another meeting would be mutually productive at this time. Please keep in mind that additional technical exchanges with DOE relating to total-system performance assessment are likely, during which representatives of the State of Nevada and other stakeholders will be afforded an opportunity to comment. We will continue to ensure that you are informed of these public exchanges, and we encourage you to attend.

Finally, we will be addressing your request for the NRC TPA FORTRAN 90 Version 4.5 Source Code in a forthcoming letter. However, we believe your request for DOE's most recent edition of its TSPA Model File and TSPA Model Documentation should be directed to DOE.

Mr. R. Loux

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If you have any questions regarding this response to your requests, please contact Dr. Andrew Campbell of my staff at (301) 415-6897 or (acc@nrc.gov).

Sincerely,

/RA/

Lawrence E. Kokajko, Acting Chief
Environmental and Performance
Assessment Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

Enclosure: As stated

cc: See attached distribution list

Mr. R. Loux

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Sincerely,

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H. Jackson, Public Citizen

J. Wells, Western Shoshone National Council

D. Crawford, Inter-Tribal Council of NV

I. Zabarte, Western Shoshone National Council

NRC On-Site Representatives

**Meeting Dates for Technical Exchanges on
NRC and DOE Performance Assessment Codes for Yucca Mountain**

Technical Exchange on the Yucca Mountain Total System Performance Assessment for the Site Recommendation
January 23, 2001

Technical Exchange on Total System Performance Assessments for Yucca Mountain
June 6-7, 2000

Technical Exchange on Total System Performance Assessments for Yucca Mountain
May 25-27, 1999

Technical Exchange on Total System Performance Assessment for Yucca Mountain
March 17-19, 1998

Technical Exchange on Total System Performance Assessment for Yucca Mountain
July 21-22, 1997

Technical Exchange on Total System Performance Assessment for Yucca Mountain
November 5-6, 1997

Technical Exchange on The Results of the NRC's Audit Review of DOE's 1995 Total System Performance Assessment
May 22-23, 1996

Technical Exchange on Total System Performance Assessment for Yucca Mountain
September 27-28, 1994

Enclosure