



OFFICE OF THE GOVERNOR
AGENCY FOR NUCLEAR PROJECTS

1802 N. Carson Street, Suite 252

Carson City, Nevada 89701

Telephone: (775) 687-3744 • Fax: (775) 687-5277

E-mail: nwpo@nuc.state.nv.us

June 25, 2003

VIA FACSIMILE

Mr. Lawrence E. Kokajko, Section Chief
Office of Nuclear Materials Safety and Safeguards
U.S. Nuclear Regulatory Commission
Mail Stop T8A23
Washington D.C. 20555-0001

Re: June 17, 2003 NRC Public Meeting with Representatives of State of Nevada:
Request for Documentation

Dear Mr. Kokajko:

On behalf of the State of Nevada, thank you and the members of the Nuclear Regulatory Commission's (NRC) staff who spent their valuable time providing information with regard to NRC's Total Performance Assessment (TPA) methodology. Special thanks should go to David Esh who obviously spent a substantial amount of time and effort in putting together an excellent presentation. I look forward to a continuing dialogue with the NRC staff as the potential license application of the Department of Energy (DOE) moves closer.

The DOE's Total System Performance Assessment (TSPA) and NRC's TPA are each complex analytical tools, both individually and in juxtaposition with one another, requiring a significant expenditure of time and effort to thoroughly understand. Fortunately, I believe the State of Nevada has put together a team of consulting experts of unequalled credentials, whose expertise may, indeed, prove beneficial to NRC and DOE, as well as to Nevada, going forward.

During Tuesday's presentation there were three particular documents (or document categories) NRC staff discussed and has in their possession, each of which would be extremely beneficial to the State of Nevada as we endeavor to better understand

the TPA and TSPA methodologies of NRC and DOE, respectively. Specifically, they are:

- (1) NRC-TPA FORTRAN 90 Version 4.5 Source Code;
- (2) DOE's most recent edition of TSPA Model File and TSPA Model Documentation (which Dave Esh mentioned having on his PC); and,
- (3) A record of the meetings, including technical exchanges, which have occurred over the past ten years between DOE and NRC relating, in whole or in part, to total performance assessment issues (which Tim McCartin mentioned he could provide).

I would greatly appreciate it if you would provide the foregoing documentation as soon as is reasonably possible. I will be happy to reimburse any cost you incur in sharing such information with the State of Nevada. In addition, I would like to propose that another meeting with the performance assessment staff be scheduled, at your convenience, to discuss the model component related to hydrologic flow. I envision a similar meeting, where your staff could provide an overview of this component, with question and answer following. Please let me know if this process is agreeable and if so, a tentative date that would be convenient for your staff.

Should you have any questions, please do not hesitate to contact me.

Sincerely,



Robert R. Loux
Executive Director

RRL/cjf:sm

cc: Ms. Mitzi A. Young
Mr. Andy Campbell
Mr. David Esh
Mr. Tim McCartin

bcc: Mr. Robert R. Loux
Dr. Michael Thorne
Allen Messenger, P.E.
Dr. H.C. Clark
Dr. Victor Gilinsky
Joseph R. Egan, Esq.