



Department of Energy  
 Chicago Operations Office  
 Salt Repository Project Office  
 505 King Avenue  
 Columbus, Ohio 43201-2693

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 DEM/TJS/CR LINEHAN/R. JOHNSON  
 (Return to WM, 623-SS) TICKET 5/  
 J CORN

May 1, 1984

John J. Linehan, Section Leader  
 Salt Section  
 Repository Projects Branch  
 Division of Waste Management, MS 623-SS  
 U.S. Nuclear Regulatory Commission  
 Washington, D.C. 20555

Dear Mr. Linehan:

SUBJECT: PERFORMANCE ASSESSMENT BRIEFING BY NRC FOR THE SRP

As we discussed on March 30, 1984 following the state meeting in Columbus, we would like to be briefed by your staff and contractors on performance assessment. We propose that you come to Columbus on May 14, 1984 to brief us. Our objective is to become familiar with NRC's codes and models, data and literature which NRC feels are most representative of their thinking on how performance assessment may be used in licensing. A proposed agenda is attached. Please phone L. Casey of my staff to confirm the date and list of participants.

Sincerely,

*J. O. Neff*  
 for J. O. Neff  
 Program Manager  
 Salt Repository Project Office

SRPO:LAC:2217B

ST# 482-84

Enclosure:  
 Proposed Agenda for Performance Assessment  
 Briefing by NRC for the SRP

- cc: R. Johnson, NRC, with enclosure
- W. Bennett, DOE-HQ, with enclosure
- C. Newton, DOE-HQ, with enclosure
- M. Frei, DOE-HQ, with enclosure
- T. Verma, NRC, with enclosure

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Proposed Agenda for Performance  
Assessment Briefing by NRC for the  
Salt Repository Project

8:30 a.m.	Introduction	J. Neff / J. Linehan SRPO NRC
8:45 a.m.	Overview of PA applied to licensing including what does it look like to show reasonable assurance, demonstrate performance of engineered barriers, implement EPA standard probabilistically, analyze anticipated/unanticipated events and processes, link codes, use expert opinion, etc.	M. Logsdon, NRC
9:45 a.m.	Break	
10:00 a.m.	NRC Approach (PA codes and models)	NRC contractors
Noon	Lunch	
1:00 p.m.	NRC Analyses (PA reports/literature)	NRC contractors
2:00 p.m.	NRC Database (PA data)	NRC contractors
2:45 p.m.	Break	
3:00 p.m.	Discussion	
5:00 p.m.	Adjourn	

Anticipated Attendees

J. Neff, SRPO  
L. Casey, SRPO  
T. Baillieul, SRPO  
P. Hofmann, ONWI  
S. Basham, ONWI  
T. Steinborn, ONWI  
J. Kircher, ONWI  
P. Chen, ONWI  
D. Dawson, ONWI  
J. Parry, ONWI  
G. Huang, ONWI  
G. Raines, ONWI  
G. Jansen, ONWI  
S. Gupta, ONWI  
W. Harper, ONWI  
V. McCauley, ONWI  
S. Bloom, ONWI  
G. McNulty, ONWI

J. Linehan, NRC  
M. Logsdon, NRC-(PA)  
R. Johnson, NRC  
L. Peters, NRC-(UT PA)  
M. Wise, NRC-(TX PA)  
D. Fehringer, NRC-(GIR PA)  
NRC contractor personnel