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 National Waste Terminal  
 Storage Program Office  
 605 King Avenue  
 Columbus, Ohio 43201

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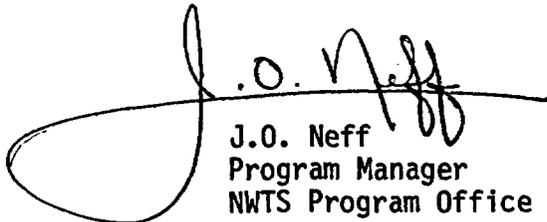
Lawrence Chase, PhD  
 Nuclear Regulatory Commission  
 Washington, D.C. 20555

Dear Dr. Chase:

REQUEST FOR COMMENTS ON PROPOSED AGENDA FOR NEXT THREE WORKSHOPS BETWEEN NRC AND DOE/NPO

Enclosed are proposed agenda for the next three workshops we anticipate having with you. Please phone your comments to L. Casey (FTS 976-5918) to finalize the agenda including coordinating conference calls with the technical staffs if necessary. Although the proposed agenda show one day of meetings for each workshop we expect they will actually run a day and a half with the afternoon of the second day being devoted to minutes preparation as occurred at our first meeting on April 19-20, 1983.

We propose the meeting be June 27 and 28 at the NRC.

  
 J.O. Neff  
 Program Manager  
 NPTS Program Office

NPO:JON:LAC:kgb

ENCLOSURE: Proposed Agendas  
 a) Applicability of Guidance in BWIP SCA to Salt Project  
 b) Waste Package  
 c) Performance Assessment

cc: with enclosures  
 C. George, DOE-HQ  
 V. Lowery, DOE-HQ  
 W. Bennett, DOE-HQ  
 C. Cooley, DOE-HQ  
 S. Frishman, TX  
 H. Bohlinger, LA  
 G. Tomsic, UT  
 R. Forsythe, MS  
 D. Vieth, DOE-NL  
 J. Anttonen, DOE-RL  
 J. LaRue, BWIP  
 J. Neff, NPO  
 J. Neal, NNSWI

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**Proposed Agenda for the Second Pre-SCP Consultation Meeting Between NRC and DOE/NPO**

**APPLICABILITY OF GUIDANCE IN BWIP SCA TO SALT PROJECT  
(Proposed Location: Silver Spring, MD at NRC)**

**Purpose of Meeting**

To discuss SCA review questions and to obtain NRC guidance on SCP preparation; discuss the approach to identify issues and obtain concurrence on a list of major issues related to salt sites.

**Agenda Details**

8:30 - 8:45 am	Introduction	NPO/NRC
8:45 - 10:15 am	SCP Preparation Questions	NPO
10:15 - 10:30 am	Break	
10:30 - 11:00 am	NRC Logic and Approach to Identifying Issues	NRC
11:00 - 11:30 am	NPO/ONWI Strategy for Preparation of Chapter 10 of SCR	Gloria
11:30 - Noon	Discussion	A11
12:00 - 1:00 pm	Lunch	
1:00 - 2:00 pm	NRC List of Issues and Rating	NRC
2:00 - 3:00 pm	NPO/ONWI List of Issues	Gloria
3:00 - 3:15 pm	Break	
3:15 - 4:15 pm	Discussion of List of Issues and Ratings	A11
4:15 - 4:30 pm	Wrap up	

Anticipated Attendees

Leslie Casey, NPO  
Jeff Neff, NPO  
Virgil Lowery, DOE-HQ  
Don Ballman, ONWI  
Sam Basham, ONWI  
Skip Klingensmith, ONWI  
Martha Pendleton, NRC

Mike Glora, ONWI  
Ping Chen, ONWI  
Larry White, Weston  
Larry Chase, NRC  
Hub Miller, NRC  
Bob Johnson, NRC

Invited State Representatives

Steve Frishman, TX  
Hall Bohlinger, LA

Ron Forsythe, MS  
Gary Tomsic, UT

Proposed Agenda for the Third Pre-SCP Consultation Meeting Between NRC and DOE/NPO

WASTE PACKAGE

(Proposed Location: Columbus, OH at DOE/Columbus)

Purpose of Meeting

To discuss salt waste package designs, design considerations, site specific data needs, and performance specifications; to obtain NRC guidance on issues related to waste packages.

Proposed Agenda

8:30 - 8:45 am	Introduction	NPO/NRC
8:45 - 10:00 am	Reference Waste Package Concepts	Basham/Carr
10:00 - 10:15 am	Break	
10:15 - 11:45 am	Effect of Site Specific Conditions on Package Design	Basham/Carr

Site Specific Data Needs

- Thermomechanical Properties
- Geochemistry
- Brine Migration/Brine Quantities

Package Design Features

- Thermal Performance
- Structural Performance
- Corrosion Performance
- Waste Form Release

11:45 - 1:00 pm	Lunch	
1:00 - 2:00 pm	Performance Specifications for Waste Packages in Salt Repositories	Basham/Carr
2:00 - 3:00 pm	NRC Perspective and Guidance	NRC
	<ul style="list-style-type: none"><li>- NRC Research on Waste Packages</li><li>- Approach to Allowable Package Failures During the Containment Period</li><li>- Approach to TRU Waste Release and Containment Requirements</li><li>- Approach to Determination of Release Rates from Spent Fuel Given its Existing Variability</li><li>- Expected Conditions (Design Bases) Including Brine Quantities</li></ul>	
3:00 - 3:15 pm	Break	
3:15 - 4:15 pm	Discussion	
4:15 - 4:30 pm	Wrap up	

Anticipated Attendees

Leslie Casey, NPO	Larry White, Weston
Jeff Neff, NPO	Mike Glora, ONWI
Bob Wunderlich, NPO	Sam Basham, ONWI
Roger Wu, NPO	John Carr, ONWI
Keith Robinette	Hub Miller, NRC
Ram Lahoti, NPO	Bob Johnson, NRC
Virgil Lowery, DOE-HQ	Martha Pendleton, NRC

Invited State Representatives

Steve Frishman, TX	Gary Tomsic, UT
Ron Forsythe, MS	Hall Bohlinger, LA

Documents Available at Date of Meeting

- ONWI-438 - Engineered Waste Package Conceptual Design, Defense High-Level Waste, and Spent Fuel Disposal in Salt (Formerly AESD-TME-3131) - Cleared report to be published May 24, 1983.
- DOE/NWTS-33(4a) - NWTS Program Criteria for Mined Geologic Disposal of Nuclear Waste - Functional Requirements and Performance Criteria for Waste Packages for Solidified High-Level Waste and Spent Fuel, July, 1982 (published draft).
- ONWI-462 - Interim Performance Specifications and Data Requirements for Waste Forms for Geologic Isolation in Salt Repositories - Cleared report to be published June distribution.
- ONWI-463 - Interim Performance Specifications for Waste Packages for Geologic Isolation in Salt Repositories - Cleared report to be published June distribution.
- ONWI-464 - Interim Product Specifications and Data Requirements for Disposal of Borosilicate Glass Defense High-Level Waste in Salt Geologic Repositories - Cleared report to be published June distribution.
- WTDS-TME-001 - Waste Package Reference Conceptual Designs for a Repository - to be submitted for patent review, probably published in August, 1983.

Proposed Agenda for the Fourth Pre-SCP Consultation Meeting Between NRC and DOE/NPO

PERFORMANCE ASSESSMENT

(Proposed Location: Columbus, OH at DOE/Columbus)

Purpose of Meeting

To discuss ONWI and NRC plans of and approaches to performance assessment, verification and validation, and sensitivity/uncertainty analysis, and to discuss ground water modeling of salt sites.

Proposed Agenda

8:30 - 8:45 am	Introduction	NPO/NRC
8:45 - 9:15 am	ONWI Performance Assessment and Verification/Validation Plans	Kircher/ Brandstetter
9:45 - 10:15 am	Discussion	A11
10:15 - 10:30 am	Break	
10:30 - 11:00 am	ONWI Sensitivity/Uncertainty Analysis Development	Harper
11:00 - 11:30 am	NRC Sensitivity/Uncertainty Analysis Development	NRC
11:30 - Noon	Discussion	A11
12:00 - 1:00 pm	Lunch	
1:00 - 3:00 pm	Ground-water Modeling of Candidate Salt Areas	Brandstetter/ Andrews
3:00 - 3:15 pm	Break	
3:15 - 4:15 pm	Discussion	A11
4:15 - 4:30 pm	Wrap up	

Anticipated Attendees

Leslie Casey, NPO  
Jeff Neff, NPO  
Bob Wunderlich, NPO  
Virgil Lowery, DOE-HQ  
Larry White, Weston  
Hub Miller, NRC  
Bob Johnson, NRC  
Mike Weber, NRC

Mike Glora, ONWI  
Bill Hewitt, ONWI  
John Kircher, ONWI  
Albin Brandstetter, ONWI  
Bill Harper, ONWI  
Tony Andrews, ONWI  
Martha Pendleton, NRC

Invited State Representatives

Steve Frishman, TX  
Ron Forsythe, MS

Hall Bohlinger, LA  
Gary Tomsic, UT

Documents Available at Date of Meeting

ONWI Performance Assessment Plan - Publication expected in July, 1983.

ONWI Verification and Validation Plan - Publication expected in September, 1983.

INTERA's ground-water modeling reports (Palo Duro, Gibson Dome, and Richton) - Reports to be submitted for clearance, publication expected in September, 1983.

ONWI-398 - Long-term Performance Objectives and Measures for Repository - January, 1983 (published).

ONWI-444 - Evaluation of Sensitivity/Uncertainty Analysis Techniques for Non-stochastic Computer Codes - Cleared report, June distribution.