

SUMMARY OF THE NRC/DOE MEETING ON SCP
ISSUES HIERARCHY/PERFORMANCE ALLOCATION

Date and Location of Meeting:

March 3-4, 1987
Room 6E-069
Forrestal Building
Washington, D.C.

List of Attendees:

See Attachment 1

Background and Summary:

The purpose of the meeting was for DOE to brief and solicit comments from the NRC, States and Tribes on their Generic Issues Hierarchy and Issue Resolution Strategy, including a description of the approach being used for performance allocation. By familiarizing the NRC, States and Tribes with the framework being used to organize, plan and conduct site characterization, DOE hopes to facilitate the understanding, review, and comment on the SCP when they become available. The DOE's approach to Generic Issues Hierarchy/Performance Allocation was described in advance materials provided by the DOE by letter dated February 13, 1987. (Attachment 2).

DOE and NRC made brief introductory remarks regarding the purpose and scope of the meeting. The NRC staff's opening remarks are provided as Attachment 3. Following the opening remarks, DOE provided its briefing (Attachment 4). Representatives from the States of Mississippi and Utah and from the Yakima Indian Tribe and CERT, representing the Nez Perce and Umatillas also participated in discussions on selected topics. The NRC staff presented and discussed their clarifying points on the advanced materials and the briefing. The more significant points raised by the NRC staff were:

1. The NRC commented to DOE on the lack of QA as an issue in their issues hierarchy. DOE responded that the issues hierarchy was based on Subpart E of 10 CFR 60, which does not contain the Part 60 QA Requirements. DOE stated that QA will be presented in Chapter 8.6 of the SCP.
2. The NRC commented that the hydrologic assumptions underlying the chart on page 46 of DOE's briefing package were too optimistic. The DOE stated that the chart, presented as an example, was only a small slice of what was being considered and that it was still under internal review.

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3. The NRC raised the issue of whether the Issue Resolution Strategy allowed for changes to the test programs in an iterative manner based on a comparison of test results to performance issues. The DOE stated that the Issue Resolution Strategy intends for such comparisons.
4. The NRC questioned how DOE was dealing with scenarios in its development of issue strategies. DOE indicated that this will be addressed under all the performance issues especially Issue 1.1.
5. NRC questioned how or where DOE was developing integrated testing programs that would not only focus on identified issues and information needs, but also a basic understanding of site and identification of unexpected findings and detrimental factors. DOE indicated this was covered in other sections of the SCP.
6. NRC questioned why there were no earth science Characterization issues under Issue 2. DOE indicated that these characterization needs for Issue 2 would be included in the Characterization Issues under Issue 1 and 4.

The NRC will follow-up on how these points are implemented in upcoming pre-SCP meetings.

NRC Staff Observations:

The NRC staff had the following observation:

Based on its review of DOE's advance material and the additional information provided during the briefing, the NRC staff identified no fatal flaws in the Generic Issue Hierarchy, Issue Resolution Strategy and Performance Allocation at the broad level contained in those materials. The staff will need to see the specific implementation particularly with respect to the points raised above at the site level. Points of clarification, in addition to those discussed during the briefing, may be forthcoming upon re-review of the DOE materials in light of this briefing.

DOE-NRC Agreements and Action Items:

The DOE and NRC made the following agreements:

1. DOE reaffirmed its agreement from the September 26-27, 1985, Subsystems Performance Allocation Meeting to discuss tentative performance goals and confidence levels with the NRC staff in the appropriate project-specific technical meetings (e.g., groundwater travel time in the hydrology meeting for each project).

2. The DOE agreed to provide the Generic Issues Hierarchy briefing to each of the NRC project teams. States and Tribes will also be invited to participate.

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Attachments (4)

LIST OF ATTACHMENTS

1. List of Attendees
2. Advance Meeting Materials
3. NRC Viewgraphs
4. DOE Viewgraphs

Attachment 1
List of Attendees

NRC/DOE MeetingMarch 3-4, 1987Issues Hierarchy/Performance Allocation

<u>Name</u>	<u>Affiliation</u>	<u>Phone</u>
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NRC/DOE Meeting

March 3-4, 1987

Issues Hierarchy/Performance Allocation

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Attachment 2
Advance Meeting Materials

Attachment 3
NRC Viewgraphs

NRC
OPENING REMARKS

NRC
GENERIC ISSUES HIERARCHY
MEETING EXPECTATIONS

THE PURPOSE OF THE MEETING IS TO BRIEF NUCLEAR REGULATORY COMMISSION (NRC) STAFF ON THE DEPARTMENT'S GENERIC ISSUES HIERARCHY AND THE ISSUE RESOLUTION STRATEGY, INCLUDING AN OVERVIEW OF THE APPROACH BEING USED FOR PERFORMANCE ALLOCATION. BY FAMILIARIZING NRC STAFF WITH THE FRAMEWORK BEING USED TO ORGANIZE SITE CHARACTERIZATION PLANNING AND CONDUCT, THE DEPARTMENT HOPES TO FACILITATE NRC'S UNDERSTANDING, REVIEW, AND COMMENT ON THE SITE CHARACTERIZATION PLANS AS THEY BECOME AVAILABLE. THE STATES AND TRIBES ARE INVITED AND EXPECTED TO PARTICIPATE FULLY IN THIS MEETING.

SCOPE OF THE NRC PARTICIPATION
IN
GENERIC ISSUES HIERARCHY MEETING

- *IDENTIFICATION OF FATAL FLAWS - BASED ON THE NRC'S REVIEW OF THE PRE-MEETING INFORMATION PROVIDED BY DOE.
- *POINTS OF CLARIFICATION - NECESSARY FOR A COMPLETE UNDERSTANDING OF DOE'S APPROACH TO ISSUES HIERARCHY, ISSUE RESOLUTION AND PERFORMANCE ALLOCATION

Attachment 4

DOE Viewgraphs

AGENDA

NRC/DOE MEETING 3/3-4/87

SCP ISSUES HIERARCHY/PERFORMANCE ALLOCATION

March 3, 1987

8:30 a.m.	Opening Remarks	Donald Alexander Seth Coplan
9:00 a.m.	Review meeting summaries from 9/26-27/85 Allocation meeting, 5/7-8/86 SCP level of detail meeting	Donald Alexander
9:15 a.m.	Discussion of SCP Section 8.1, 8.2, and 8.3- Rationale for the SCP Program	Carol Hanlon
9:45 a.m.	Overview presentation of the Issues Hierarchy	Jeffrey Nelson
10:15 a.m.	BREAK	
10:30 a.m.	Overview presentation of the Issue Resolution Strategy	Larry Rickertsen
11:00 a.m.	Status of performance allocation (examples)	DOE
12:00 p.m.	LUNCH	
1:00 p.m.	Discussion of conceptual approach for performance allocation	DOE/NRC with State/ Tribe participation
3:00 p.m.	Preparation of meeting summary	DOE/NRC with State/ Tribe participation
4:30 p.m.	Adjourn	

March 4, 1987

8:30 a.m.	Complete preparation and signing of meeting summary if needed	DOE/NRC with State/ Tribe participation
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Office of Civilian Radioactive Waste Management



Office of Geologic Repositories
***Issues Hierarchy For A
Mined Geologic
Disposal System***

(OGR/B-10)

September 1986

*U.S. Department of Energy
Office of Civilian Radioactive Waste Management*

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