

**SUMMARY OF YUCCA MOUNTAIN REVIEW PLAN TECHNICAL EXCHANGE**  
June 4, 2002

**Introduction/Opening Remarks** The Nuclear Regulatory Commission/Department of Energy Yucca Mountain Review Plan Technical Exchange was held on June 4, 2002 at DOE offices in Las Vegas with audio conference participation from the NRC Rockville, Maryland Office; the DOE Forrestal Office Building; and the Center for Nuclear Waste Regulatory Analysis. The agenda for the meeting and the attendance list are contained in Enclosures 1 and 2. A representative of the State of Nevada asked for clarification of the nature of the technical exchange. The Department of Energy stated that the items to be discussed were not final agency comments on the review plan. Nuclear Regulatory Commission staff explained that the meeting was being conducted to provide clarification on the purpose and content of the review plan.

**Significant Public Comments Received, Schedule for Comment Resolution, Yucca Mountain Review Plan Issuance, and Subsequent Revisions** Nuclear Regulatory Commission staff provided unofficial summary of written and oral comments on the Yucca Mountain Review Plan, transportation issues, and the Yucca Mountain Environmental Impact Statement received during public meetings on the Yucca Mountain Review Plan on May 21-23, 2002 in Pahrump and Las Vegas, Nevada. These comments will be addressed during the comment resolution process after the comment period ends. The current schedule for the issuance of final revision 2 of the Yucca Mountain Review Plan is the first quarter of calendar year 2003. However, the staff has received a request to extend the comment period 90 days and to conduct additional public meetings. The Nuclear Regulatory Commission will evaluate the request and modify the completion date for final revision 2 accordingly. The Commission may decide to issue future revisions to the Yucca Mountain Review Plan, if necessary, and would notify the public accordingly.

**Role of the Yucca Mountain Review Plan in Risk-Informed Regulatory Framework** The Nuclear Regulatory Commission staff discussed the development of the Yucca Mountain Review Plan in implementing the risk-informed, performance-based regulations at 10 CFR Part 63. Safety importance will be used to focus the licensing review of preclosure and postclosure performance objectives.

**Themes for Department of Energy Comments on the Yucca Mountain Review Plan** The Nuclear Regulatory Commission and Department of Energy staffs discussed potential comments on the review plan in four general thematic areas: (1) alignment with a potential license application; (2) differentiation of requirements for different licensing stages; (3) the extent to which the review plan is risk-informed, and performance based; and (4) consistency of terminology.

**Alignment with a potential license application** The Department of Energy discussed several areas where the Nuclear Regulatory Commission might consider restructuring the Yucca Mountain Review Plan. The most important of these areas are the preclosure and postclosure portions of the safety assessment review chapters of the plan. In general, the Department of Energy suggested that a format more similar to that used in NUREG 0800

be considered. The NRC explained the basis for the structure of the draft review plan, and noted that the review plan also is the format and content guide.

**Differentiation of requirements for different licensing stages** The Department of Energy suggested that Nuclear Regulatory Commission staff consider clarifying the level of detail that must be included in a construction authorization request from that which would be required for an amendment to receive and possess waste. Several examples were presented, and the Department of Energy cited precedence in other Nuclear Regulatory Commission licensing programs.

**The extent to which the review plan is risk-informed and performance-based** The Department of Energy discussed aspects of the Yucca Mountain Review Plan that might be considered too prescriptive in view of the risk-informed, performance-based regulations and provided examples.

**Consistency of terminology** The Department of Energy asked for clarification of terms used in various sections of the Yucca Mountain Review Plan and also suggested that definitions be provided for some terms used in the plan.

**Meeting summary/closing remarks** The Department of Energy noted that the discussions during this technical exchange were preliminary and that they would assist the preparation of formal comments. Nuclear Regulatory Commission staff agreed to consider all formal Department of Energy comments.

The meeting adjourned.

|                                                  |                                          |
|--------------------------------------------------|------------------------------------------|
| <i>for</i> <u>Jeff Crocco</u> date <u>6/4/02</u> | <u>Joseph Ziegler</u> date <u>6/4/02</u> |
| Janet Schleuter                                  | Office of Licensing and Regulatory       |
| High Level Waste Branch                          | Compliance                               |
| Division of Waste Management                     | Yucca Mountain Site                      |
| Office of Nuclear Material                       | Characterization Office                  |
| Safety and Safeguards                            | U. S. Department of Energy               |
| U. S. Nuclear Regulatory Commission              |                                          |

**Agenda**  
**NRC/DOE Meeting on**  
**Yucca Mountain Review Plan, Revision 2, Draft Report for Comment**  
**June 4, 2002**  
**Conference Room 915**  
**9960 Covington Cross Drive**  
**Las Vegas, Nevada 89144**  
**Bridge Number 702-295-6082**  
**Teleconference**

**June 4, 2002**

|                   |     |                                                                                                                      |         |
|-------------------|-----|----------------------------------------------------------------------------------------------------------------------|---------|
| 9:00AM - 9:15AM   | PDT | Introduction/Opening Remarks                                                                                         | NRC/DOE |
| 9:15AM - 9:30AM   | PDT | Significant Public Comments Received/<br>Schedule for Comment Resolution, YMRP<br>Issuance, and Subsequent Revisions | NRC     |
| 9:30AM - 10:00AM  | PDT | Role of YMRP in Risk-Informed Regulatory<br>Framework                                                                | NRC     |
| 10:30AM - 10:45AM | PDT | Break                                                                                                                |         |
| 10:45AM - 12:00AM | PDT | Alignment of License Application with YMRP                                                                           | NRC/DOE |
| 12:00 PM - 1:30PM | PDT | Lunch                                                                                                                |         |
| 1:30PM - 2:00PM   | PDT | General YMRP Observations                                                                                            | DOE     |
| 2:00PM - 2:45PM   | PDT | YMRP Sections 1 and 2, and 3                                                                                         | NRC/DOE |
| 2:45PM - 3:30PM   | PDT | YMRP Sections 4.1 and 4.2, and 4.3                                                                                   | NRC/DOE |
| 3:30PM - 3:45PM   | PDT | Break                                                                                                                |         |
| 3:45PM - 4:30PM   | PDT | YMRP Sections 4.4 and 4.5                                                                                            | NRC/DOE |
| 4:30PM - 4:45PM   | PDT | Meeting Summary/Closing Remarks                                                                                      | NRC     |
| 4:45PM            | PDT | Adjourn                                                                                                              |         |

QA: N/A

**ATTENDANCE LIST**  
**DOE - NRC YMRP Technical Exchange**  
 Las Vegas, NV  
 June 4, 2002

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 June 4, 2002

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ATTENDANCE LIST  
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 NUREG 1804, REVISION 2  
 YUCCA MOUNTAIN REVIEW PLAN  
 DRAFT REPORT FOR COMMENT  
 NRC HEADQUARTERS  
 JUNE 4, 2002

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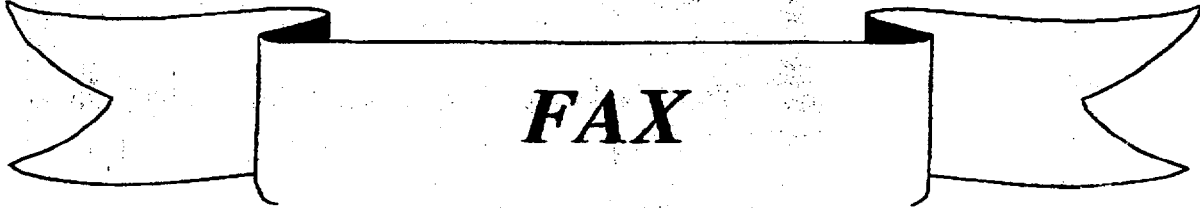






8-7523 (REV. 11-87)

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