



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

Reply to:  
1050 East Flamingo Road  
Suite 319  
Las Vegas, Nevada 89119  
Tel: (702) 388-6125  
FTS: 598-6125

TO: King Stablein, HLPD, Division of High-Level Waste  
Management, M/S 4 H 3

FROM: Paul T. Prestholt, Sr. On-Site Licensing Representative

DATE: March 9, 1990

SUBJECT: AP-2.4 PARTICIPANT INPUT TO THE TECHNICAL STATUS  
REPORT ON SITE CHARACTERIZATION - DRAFT

Please find enclosed the above-referenced information that  
you are expecting. This is a draft; YMPD does not want any  
comments.

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AP-2.4 PARTICIPANT INPUT TO THE TECHNICAL STATUS  
REPORT ON SITE CHARACTERIZATION**DRAFT**

## 1.0 PURPOSE AND SCOPE

## 1.1 PURPOSE

The purpose of this procedure is to define the requirements and responsibilities for Yucca Mountain Project Office and the Participant organizations in the preparation of input to the Technical Status Report (TSR). The TSR provides information to the Department of Energy/Headquarters (DOE/HQ), from which the Site Characterization Progress Report (Progress Report) on site characterization is produced. The Progress Report fulfills the statutory requirement in the Nuclear Waste Policy Act, as amended, and 10 CFR Part 60.18 (g) to provide a statusing mechanism for reporting the nature and extent of site characterization activities and the information that has been developed.

## 1.2 SCOPE

The TSR replaces the NNWSI Quarterly Technical Report and fulfills contractor periodic reporting requirements of DOE Order 4700.1, Project Management System.

## 2.0 APPLICABILITY

This procedure applies to all Yucca Mountain Project Participants who perform technical work on the site characterization program, as defined in the Nuclear Waste Policy Act and as outlined in the Site Characterization Plan (SCP). In addition, this procedure describes the Project Office's role in Progress Report production, as defined in the DOE/Headquarters Progress Report Management Plan.

## 3.0 DEFINITIONS

Refer to the Yucca Mountain Project Glossary. The definition of the Integration Group is located in the DOE/Headquarters Progress Report Management Plan.

## 4.0 RESPONSIBILITIES

## 4.1 PROJECT MANAGER, YUCCA MOUNTAIN PROJECT

The Project Manager, Yucca Mountain Project, is responsible for final approval and transmittal of the TSR, as specified in Section 5.3.

## 4.2 DIRECTOR, REGULATORY AND SITE EVALUATION

The Director, Regulatory and Site Evaluation, is responsible for the overall preparation and review of the TSR, as specified in Sections 5.1 and 5.3.

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4.3 PARTICIPANT TECHNICAL PROJECT OFFICERS

Participant Technical Project Officers (TPOs) are responsible for the timely submittal of input to the TSR, as specified in Section 5.2.

4.4 PARTICIPANT TECHNICAL LEADS

Participant Technical Leads are responsible for coordination of Participant input to the TSR, as specified in Section 5.2.

4.5 PARTICIPANT PRINCIPAL INVESTIGATORS

Participant Principal Investigators are responsible for submittal of input to the designated Participant Technical Lead, as specified in Section 5.2.

4.6 INTEGRATION GROUP MEMBERS

Integration Group (IG) Members are responsible for coordinating the production and review cycles of the TSR, as specified in Section 5.3.

4.7 DIRECTOR, ENGINEERING AND DEVELOPMENT DIVISION

The Director, Engineering and Development Division is responsible for concurring on the TSR transmittal letter, as specified in Section 5.3.

5.0 PROCEDURE

5.1 PROJECT OFFICE REQUEST FOR INPUT TO THE TSR

NOTE: A flowchart is attached to this procedures.

RESPONSIBLE PARTY

ACTION

DIRECTOR, REGULATORY AND SITE  
EVALUATION DIVISION

1. Appoints individuals from the Project Office and Technical and Management Support Services (T&MSS) as members of the Integration Group.
2. Requests input from and provides guidance to Participant Technical Project Officers (TPOs) as to format and technical content of the TSR.

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3. Format and content is specified for:

1.0 Introduction

- 2.0 Status of Site Programs
  - 2.1 Preparatory Activities
  - 2.2 Site Programs

3.0 References and Acronyms

5.2 PARTICIPANT INPUT COMPILATION AND REVIEW

PROJECT PARTICIPANT TPOS

1. Designate the Technical Leads to coordinate input from Principal Investigators for each SCP activity/subactivity for which their organization is responsible.
2. Ensure that input to the TSR is provided on a schedule and in a format compatible with Project Office guidance.
3. Define scope of Participant organization's technical review of input. Ensure that this technical review takes place prior to approval and submittal of input to the Project Office.
4. Provide hard copy of input and a computer disk of this data to the Project Office. Disk is in computer compatible format, e.g., ASCII or other format, as arranged.

5.3 PROJECT OFFICE REVIEW AND APPROVAL

IG MEMBERS

(appointed in 4.1-1, above)

1. Perform acceptability review of Participant input.
2. If not acceptable, contact Participant Technical Lead(s). Carry out any interactions with the Participant Technical Leads related to questions or information needs on an informal basis.

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3. Compile acceptable input into draft TSR.
4. Send "information-only" copy to DOE/HQ.
5. Arrange for Project Office review of draft TSR and select reviewers.

DIRECTOR, REGULATORY AND SITE  
EVALUATION DIVISION

6. Concur with IG reviewer selection.

IG MEMBERS

7. Coordinate review of the draft TSR.
8. Collect and record review comments by text mark-up or by other means. Carry out any interactions with the Participant Technical Leads related to minor questions or information needs on an informal basis, as arranged.
9. Ensure adequate disposition of reviewer comments. Send draft to Project Manager for approval.

PROJECT MANAGER

10. Approves draft TSR. Sends hard copy of the Project Office-approved TSR to DOE/HQ Progress Report IG Chairperson and also transmits the document through E-mail.

DIRECTORS, REGULATORY AND  
SITE EVALUATION and ENGINEERING  
AND DEVELOPMENT DIVISIONS.

11. Concur on Transmittal letter.

IG MEMBERS

12. Carry out on an informal basis, as arranged, any interactions with the appropriate Project Office staff or the Participant Technical Leads as to questions or information needs by DOE/HQ staff during the preparation and production of the DOE/HQ-prepared Progress Report.

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13. Following receipt of draft Progress Report, compare with Project Office-approved TSR for consistency. Make any appropriate modifications to TSR that arise through review of draft Progress Report by Project or DOE/HQ. Send finalized TSR to Project Manager for issuance.

PROJECT MANAGER

14. Issues finalized Yucca Mountain Project TSR.

6.0 REFERENCES

The most current revision of the following shall apply:

Nuclear Waste Policy Act, as amended.

U.S. Department of Energy Order 4700.1, Project Management System.

Code of Federal Regulations, Title 10, Part 60, Disposal of High-Level Radioactive Wastes in Geologic Repository.

DOE/HQ Semiannual Progress Report Management Plan.

7.0 Exhibits and Figures

Figure 1. Participant Input to the Technical Status Report on Site Characterization.

8.0 QA RECORDS

No aspect of this procedure falls under the purview of YMP QAP 88-9, and no QA documentation is generated by this procedure.

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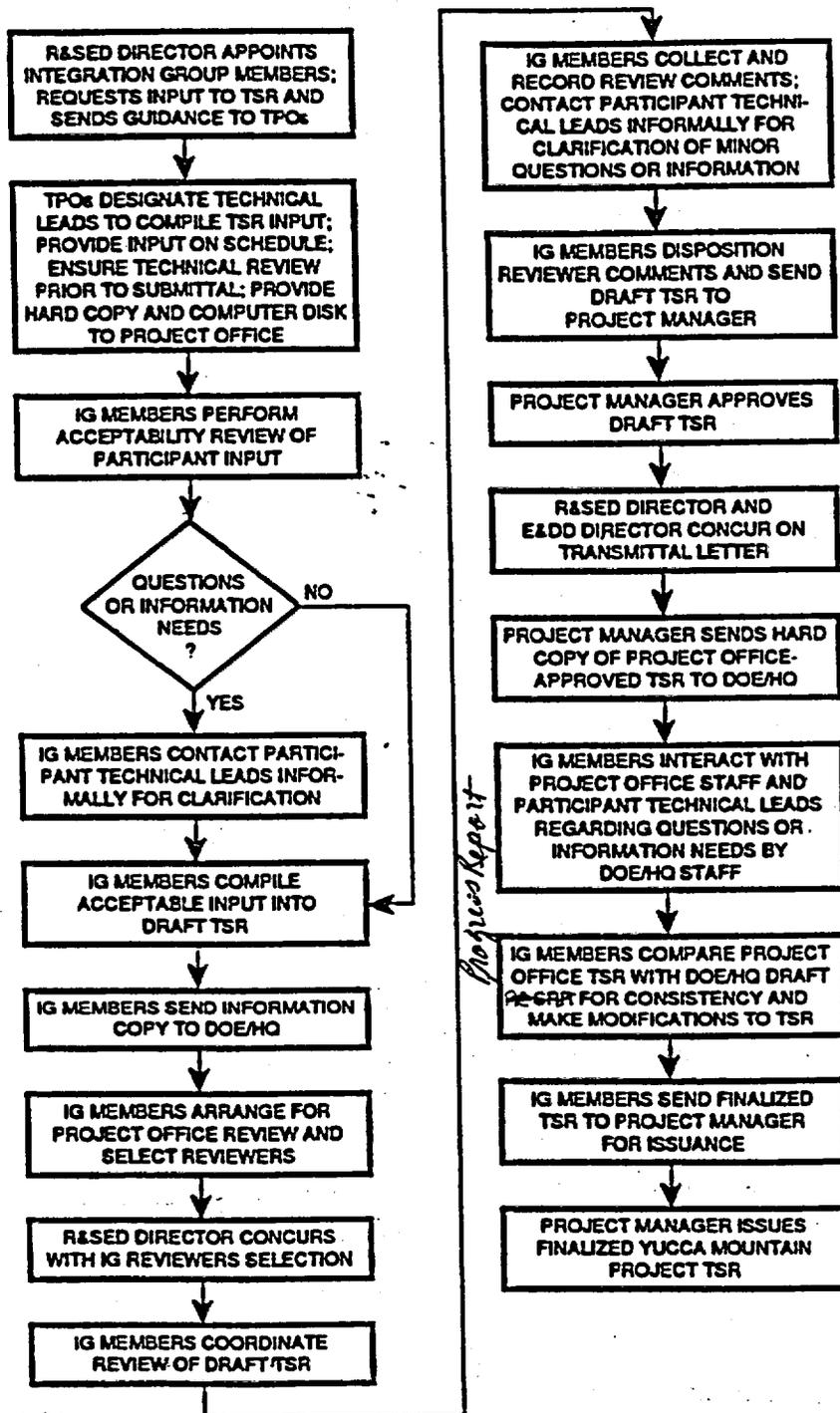


Figure 1. Participant Input to the Technical Status Report on Site Characterization.