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Department of Energy

Richland Operations Office
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March 12, 1987

Distribution

BWI DIVISION AND QS DIVISION WEEKLY REPORTS

Enclosed for your information are the Basalt Waste Isolation Division and the Quality Systems Division Weekly Reports for the week ending March 12, 1987.


John H. Anttonen, Assistant Manager
for Commercial Nuclear Waste

Enclosures

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BWI DIVISION WEEKLY REPORT
MARCH 12, 1987

I. Critical Items Status

SCP

Discussions were held on March 10 with Don Alexander regarding a HQ proposed schedule for completion of the BWIP SCP. The revised schedule would require simultaneous reviews of 8.2 and 8.3 chapters/sections of the SCP during the period April 6 to April 20. BWIP can support this schedule on the premise that about half of the chapters/sections will be available for review on March 23 and the balance on or very close to March 30.

Restart

Overall progress continues regarding restart. The open concerns which are considered to have a potential for delaying the partial restart are as follows:

- o Personnel training and qualification records were found to be inadequate. Documents are expected to be ready for evaluation by March 12, and an audit of this area will be conducted.
- o There are discrepancies with respect to the inclusion of BQARD and QA Plan requirements in Rockwell procedures. A quality assurance procedures index which will provide the basis for the resolution of this problem is expected to be complete by April 20.

Hydrology

This program is being reviewed this week in Albuquerque.

FY 1989 Budget Submittal

The WPAS will be transmitted to HQ on March 12.

II. Significant Accomplishments/Information Items

E&C Branch

- o Design issues 1.11, 2.4, 2.7, and 4.2 are all at the 90 percent point and have been sent to DOE-HQ. These issues will be used to prepare the 8.3 sections.
- o The Fuel-Rod Consolidation Study was completed by KE/PB this week and was transmitted to DOE-HQ for review on March 10. HQ review

is expected to take about a month to complete and BWIP projects that a final document will be released to the public by the end of June.

- o All the sections of the draft waste package container design and fabrication standard have been prepared. Rockwell has been requested to assemble these into a coherent draft document prior to transmittal to HQ and the other projects for review.
- o Rockwell has been informally contacted by BNL concerning a meeting with BNL on the PASS program at PNL. A meeting between BNL and BWIP waste package staff cannot be supported in the near future without impacting BWIP "restart" or the SCP preparation. Guidance from HQ-OGR on the scope and priority of this effort is needed in order to plan a meeting and quantify the impacts.

G&T Branch

- o A Technical and Operating Procedure (TOP) pertaining to the logging of core in the Hanford Geotechnical Sample Library was completed and a transition package status matrix for work on the Cohasset Interflow Structure Study was completed.
- o A draft report on the Water Inflow Study was completed and sent to Golder Associates for review. Also in the area of ES Testing, three new Test and Operations Procedures were issued.
- o The Integrating Contractor (IC) is working toward the reinstallation of the Westbay Multiport Piezometric Monitoring System in the May time frame.
- o The IC Groundwater Monitoring Group is developing system specifications for the existing groundwater monitoring network to determine the accuracy and precision of the existing monitoring and data transmission system.
- o The Performance Analysis Plans for the following analyses are being reviewed: (1) Cold Creek Syncline Study: Effects of Tectonic Features, (2) An Equivalent Porous Medium Approximation for Fractured Basalts, and (3) Pre-test Analysis of Large-Scale Hydraulic Stress Tests.
- o A draft Licensing Strategy Position was written for the Potentially Favorable Condition (PFC) #6 in Issue 1.8. This PFC covers postclosure population density and distribution.

LES Branch

- o An integration workshop for Issues 1.1 and 1.8 was held at DOE-HQ on March 4-6. Agreements reached at the workshop are being carried out by Rockwell staff while DOE-HQ revises Issue 1.1.
- o The training meeting for all the members of the Licensing Assurance Review was conducted March 10-11 in Richland. The two principal purposes of the meeting were to provide guidance on the conduct of the LAR, and to help assume an integrated effort. Both objectives were successfully accomplished at the meeting. Numerous action items were identified that must be accomplished to assure successful completion of the LAR.
- o S. C. Whitfield and M. L. Powell (DOE), and contractor personnel met with the Umatilla Confederated Tribes and CERT to discuss the proposed FY 1987 and outyear work scopes for environmental and socioeconomic activities. Follow-up meetings have been scheduled for March 23-24 with the Nez Perce and Umatilla Tribes on the December 1, 1986, draft Environmental and Socioeconomic Monitoring and Mitigation Plans (SMMP). Formal disposition of the comments is now underway.
- o Comments were received on March 10, 1987, from DOE-HQ on the December 12, 1986, draft of the BWIP Design for Programmatic Cultural Resource Research. BWI staff are continuing to work on this document with a goal of supporting a site-wide PMA before the end of the fiscal year.
- o RL contractors are supporting DOE at the ISCG meeting in Albuquerque, where they plan to present BWIP affected party comments on the SMMP.

J. J. Keating

J. J. Keating, Director
Basalt Waste Isolation Division

BWI UPCOMING EVENTS
MARCH 12, 1987

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
<u>HQ Meetings</u>			
March 17-18	ACD Review	HQ	Nicoll
March 17	BWIP Restart (HQ/State/Tribes)	Richland	Saget/Powell
March 19-20	Quarterly Review and Budget Meeting	Denver	Anttonen/Keating
TBD	Review of BWIP Systems Integration Activities	Richland	Petrie
<u>Coordinating Group Meetings</u>			
March 9-13	ISCG	Albuquerque	Powell/Whitfield
April 28-29	Transportation Coordination Group	Salt Lake City	Petrie
June 29-July 1	Rock Mechanics Symposium	Tucson	Dahlem
<u>State/Indian/Public Interaction</u>			
March 12	DOE Engineering-Construction Symposium	Richland	Turner
April 19-21	Western Regional Energy Conference	Richland	Dahlem
April 21-22	States/Indian Tribes Quarterly Mtg.	Albuquerque	Anttonen/Powell
May	Basalt Meeting/GSA	Hilo	Dahlem
<u>Internal Project Meetings</u>			
March 10-12 ✓	BWIP LAR	Richland	Mecca/Krupar
April 15-16	BWIP Quarterly Update	Richland	Anttonen/Staff
<u>NRC Interactions</u>			
TBD	Geology Data Review	Richland	Dahlem/Mecca
TBD	Repository Design (workshop)	Richland	Nicoll/Kovacs

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
TBD	BWIP NRC meeting to discuss SCP Issues, Hierarchy, Resolution Strategy, Data Needs	HQ	Mecca/Dahlem
<u>International</u>			
April	IAEA Natural Analog Meeting	HQ	Dahlem

QUALITY SYSTEMS DIVISION
MARCH 12, 1987

- I. Critical Items Status - None at present.
- II. Significant Accomplishments/Information Items

Program Development

- o An ongoing program effort in the area of training of DOE personnel is in progress. Approximately 97 percent of all required training of DOE personnel has been completed. Because of SCP conflicts, completion was scheduled for March 1.
- o QSD is continuing to update the BWI QS Plan and QA administrative procedures to comply with the latest HQ documents and NQA-1 1986 requirements, and incorporate organizational changes. To date, 15 procedures have been approved and 17 are in the concurrence cycle.

Program Verification

- o Preparations for the scheduled audit of KE/PB in April are continuing. This will be a joint audit with Rockwell participation.
- o A number of surveillances have been planned during the month of April. These will be of the ongoing technical tasks of Rockwell, Westinghouse, and DOE.
- o An audit of M-K activities has been scheduled for July. This will be a joint audit with Rockwell participation.
- o An audit of BCSR activities has been scheduled for July. This will be a joint audit with Rockwell participation.

Program Restart

- o DOE reviews of Rockwell QA administrative procedures to support project restart continues. Current status is: 30 received, 25 approved, 2 returned for incorporation of comments, and 3 in DOE's review/comment process.
- o Review is ongoing based on the checklist established for partial lifting of the general stop work on Rockwell activities. To date, 37 discrepancies have been identified by the Readiness Review Team. These discrepancies cover the breadth of all management control systems being emplaced by Rockwell.

- o In order to provide further assurance that all DOE and Rockwell activities related to restart are being properly executed from a quality management point of view, an Independent Management Readiness Team has been established and is conducting independent evaluations to be provided to the Readiness Review Chairman.
- o For the benefit of DOE-HQ, NRC, states, and affected Indian tribes, an in-progress status briefing describing all stop work and restart activities to date is currently scheduled for March 17.

III. Upcoming Events

See attached page.

R. P. Saget
R. P. Saget, Director
Quality Systems Division

QSD UPCOMING EVENTS
MARCH 12, 1987

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
<u>HQ Meetings</u>			
None scheduled			
<u>State/Indian/Public Interaction</u>			
March 17	Restart Briefing	Richland	Kasch
April 19-21	Presentation of paper at ASQC Conference	Richland	Saget
April 22	QACG meeting	HQ	Saget