

MAR 27 1989

MEETING NOTES

Date: March 15 and 16, 1989

| | | |
|---------------|--------------|--------------------------|
| Participants: | <u>CNWRA</u> | <u>NRC</u> |
| | J. Latz | R. E. Browning |
| | R. Adler | J. Linehan |
| | W. Patrick | J. Holonich |
| | | R. Johnson |
| | | P. Justus (3/15/89 only) |
| | | D. Brooks |
| | | S. Coplan |
| | | P. Altomare |
| | | M. Mace |
| | | M. Lee |
| | | S. Fortuna |
| | | M. Delligatti |
| | | J. Pearring |

SUBJECT: CNWRA AND NRC STAFF MEETING ON FY89 AND FY90 ACTIVITIES

This meeting was held to discuss with the Center for Nuclear Waste Regulatory Analyses' (CNWRA) management proposed work activities for the remainder of FY89 and FY90, and the corresponding changes to the Program Element Plans to support these proposed activities. The NRC staff have proposed changes to assure that the CNWRA's Program Architecture and other technical activities, and NRC staff activities are coordinated and complimentary to each other and to provide a mechanism by which the CNWRA Operations Plans could be made consistent with NRC's DHLWM Budget and Five-Year Plan. The goal is to assure both the necessary degree of independence by the CNWRA and the need for CNWRA activities to be coordinated with and not in isolation from NRC staff activities.

It was determined that the respective Program Element Plans will be revised, as necessary, by NRC staff and provided to the CNWRA by the end of March 1989 to assist the CNWRA in developing an Operations Plan that covers the remainder of the current fiscal year (FY 89).

Robert Johnson briefed the attendees on the NRC budget structure and on the proposed additional areas of work in the revised Program Element Plans. These areas include CNWRA assistance in: 1) input to scopes and reviews of the draft rulemaking and technical assistance packages; 2) the development of the Standard Format and Content Guide; 3) the review of the DOE Mission Plan and Project Decision Schedule; and 4) selected Site Characterization review activities, which will be specified in the individual Program Element Plans. The main reason for specific CNWRA involvement in these areas would be to assure that the knowledge and information gained from the development of the Program Architecture is being incorporated into these four broad work activities at the earliest practicable time.

An initial discussion was held on CNWRA assistance relative to Performance Assessment and Assessment Method Preparation. R. Browning (DHLWM) emphasized the importance of early involvement by the CNWRA in NRC's reassessment of its

8904240408 890420
PDR WASTE
WM-11 PDC

overall strategy for performance assessment, and early staffing on the part of the Center to permit its active participation in this effort over the long-term. S. Coplan will work closely with W. Patrick in developing and providing the CNWRA with specific guidance in the revised Program Element Plan for performance assessment. Some areas to be considered are: code configuration control; CNWRA conversion of codes; review and comment on Sandia reports, as necessary, to permit prompt technology transfer to both NRC and the CNWRA; development of pre-closure review strategy sometime in FY89; and development of post-closure review strategy sometime in FY90.

It was determined by NRC that a more descriptive breakdown is necessary in the Program Element Plans and CNWRA Operations Plans relative to the NRC budget heading of "CNWRA Capability Development and Management." Johnson and Delligatti will work with the CNWRA as necessary to do this for the FY 91 budget currently under development.

It was agreed that current tasking for FY 89 and 90 regarding CNWRA assistance to NRC in the external quality assurance review areas is sufficient.

Discussions were also held regarding a planned upcoming meeting involving NRC, DOE, Nevada, and the CNWRA to begin a more in depth technical exchange. The meeting will be some time in April. Further details will be provided by NRC (Linehan).

It was mutually agreed that the CNWRA's involvement in review of the SCP, and the NRC/CNWRA interaction on the R9 Report, Analysis of Regulatory Uncertainties Related to the Site Characterization Plan and the Exploratory Shaft Facility, will be beneficial to the NRC's review of the SCP and was essential in the CNWRA's development of the Program Architecture.

On March 16, 1989 CNWRA and NRC staff discussed the ongoing Program Architecture development. Major items discussed were: 1) the completion of the Program Architecture approach and framework; 2) prioritization of 10 CFR Part 60 regulatory requirement topics for analysis through the 22-step Program Architecture development process; 3) prioritization of other repository-related statutes and regulations for processing through the Program Architecture development process; and 4) implementing a task control system to ensure that other CNWRA activities in support of the NRC's work will contribute to the Program Architecture. Agreements reached were as follows:

1. The Center will provide some proposed modifications to the Program Architecture approach and framework by 3/17/89 in response to previous NRC comments as generally agreed to in the meeting. NRC will act on the recommendation the week of 3/20/89.
2. The Center will conduct a user's requirements analysis to be completed by early April. The purpose of the survey is to assure that the data in the various fields of the Program Architecture will satisfy NRC-user needs. The NRC staff to be surveyed will include key personnel responsible for the higher priority rulemakings and technical positions.

3. Three regulatory requirement topic examples will be taken through the 22-step Program Architecture development process as early as practicable. The example topics agreed to were: "Adverse Geochemical Conditions," "Substantially Complete Containment;" and "Erosion." The intent of this exercise is to help refine our mutual understanding of the functional role of the data fields in the Program Architecture Support System as well as to assist in completing the scoping of these specifically proposed regulatory guidance development actions.
4. The Center will prioritize other Part 60 regulatory requirement topics for PA processing. Time-critical regulatory topics related to rulemakings and Technical Positions that may be needed early in the site characterization program and ESF design and construction process will be given highest priority. NRC will be working with the Center during April 1989 to determine the topics and the depth of analysis to be undertaken for these topics during the remainder of FY89.
5. The Center will prioritize other repository related regulations and statutes for PA processing. Again, NRC will be working with the Center as regards their recommendations as to (a) what is a reasonable set of regulations necessary to ensure an adequate systems approach is maintained and (b) what depth of analysis is to be undertaken.
6. A task control system will be put in place by the Center.

R. Browning and J. Linehan emphasized that the focus of all these efforts should be to put in place and begin for Center and NRC staff implementation the Program Architecture as soon as possible in support of the NRC's "proactive" program. This should continue to receive the CNWRA's highest priority within the HLW division's portion of the Center's work. CNWRA support of NRC's "reactive" program will be determined on a case by case basis as necessary and practicable.

NOTE: Reviewed & Concurred in by CNWRA (W. Patrick)



John J. Linehan, Director
Repository Licensing and Quality
Assurance Project Directorate
Division of High-Level Waste Management