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CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES QUALITY ASSURANCE SURVEILLANCE REPORT

PROJECT NO.: 20.01402.951 & 953/0142.771

REPORT NO.: 2000-10

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SURVEILLANCE SCOPE: Surveillance activities on the Yucca Mountain Review Plan and on the Draft Environmental Impact Statement Evaluation Report Statement

REFERENCE DOCUMENTS: QAP-004, Surveillance Control, QAP-002, Review of CNWRA Documents, Reports and Papers.

STARTING DATE: 5/10/00

ENDING DATE: 5/25/00

QA REPRESENTATIVE: Mark R. Ehnlstrom

MRE

PERSONS CONDUCTING TEST/EXAM/ACTIVITY: P. Mackin, J. Stamatakis

SATISFACTORY FINDINGS:

Discussions were held with Mr. Mackin to determine the current status of Draft Environmental Impact Statement Evaluation Report Statement and the Yucca Mountain Review Plan (YMRP). Revision 0 of the YMRP has recently been submitted to the NRC. This submittal completes all submittals of the YMRP which included preclosure, postclosure, and administrative sections. Revision 1 to the YMRP will be issued later this year. Reports in Attachment A issued by the CNWRA to the NRC were reviewed for compliance to QAP-002. The review found that proper reviews had been performed prior to submittal to the NRC and also found each report package to be complete and in accordance with procedural requirements. Attachment A shows which reports were reviewed during the surveillance.

In July 1999, the CNWRA issued a draft evaluation report on the Environmental Impact Statement (EIS). During the development of the EIS report, the CNWRA required the expertise of personnel not employed at the CNWRA or at Southwest Research. Seven consultants were utilized to help in the evaluation of the EIS. The consultants' Professional Personnel Qualification files were reviewed to assure proper Conflict of Interest evaluations had taken place and they had received the required indoctrination to the Quality Assurance Program. Attachment A also identifies the consultants who were used. The review found that the consultants' files were complete. In addition, the draft report was reviewed for compliance to QAP-002 with no comment.

During the discussion with Mr. Mackin, it was confirmed that no scientific notebooks has been used in these activities. No samples had been obtained and no other procurement activities for any quality affecting activities had occurred.

UNSATISFACTORY FINDINGS: None

NONCONFORMANCE REPORT NO.: N/A.

ATTACHMENTS: Attachment A showing which reports had been reviewed during the surveillance.

RECOMMENDATIONS/ACTIONS:

APPROVED:

Mark R. Ehnlstrom
CENTER DIRECTOR OF QUALITY ASSURANCE

DATE:

5/25/2000

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ORIGINATOR: Mark R. Ehnlstrom

INVESTIGATORS: P. Mackin

ALL ELEMENT MANAGERS:

B. Sagar, H. Garcia

Attachment A

<u>Report No</u>	<u>Description/Title</u>	<u>Date Submitted</u>	<u>AP-6-2</u>	<u>QAP-12-4</u>
20.01402.951.005	Annotated Yucca Mountain Review Plan Outline	11/30/1999	Yes	Yes
20.01402.951.010 •	Yucca Mountain Review Plan Revision 0, Preclosure Plan	4/14/2000	Yes	Yes
20.01402.952.010	Yucca Mountain Review Plan Revision 0, Postclosure Plan	1/28/2000	Yes	Yes
20.01402.953.010	Yucca Mountain Review Plan Revision 0, Administrative and Other Sections- Draft	5/5/2000	Yes	Yes
20.01402.931.010	Comments form a Review of the Draft Environmental Impact Statement for a Geologic Repository for the Disposal of Spent Nuclear Fuel and High-Level Radioactive Waste at Yucca Mountain, Nye County, Nevada	11/12/1999	Yes	Yes

• One AP-6-2 Form showing that references had been verified was not annotated correctly. Corrected on 5/23/2000 during the time of the surveillance by the technical reviewer.

Professional Personnel qualification files for the following individuals were reviewed during the audit:

S. Atkinson, L. Canter, D. Groeneveld, E. Johnson, J. Jonish, F. Skillern, and L. Urban

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