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CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES QUALITY ASSURANCE SURVEILLANCE REPORT

PROJECT NO.: 20-5708-561/562

REPORT NO.: 97-18

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SURVEILLANCE SCOPE: Surveillance Activities on the Evolution Of Near Field Environment Key Technical Issue (KTI)

REFERENCE DOCUMENTS: Quality Application Requirements Matrices, Current Program Managers Periodic Report, QAP.004 Surveillance Control

STARTING DATE: November 20, 1997

ENDING DATE: November 26, 1997

QA REPRESENTATIVE: Mark R. Ehnstrom

PERSONS CONDUCTING TEST/EXAM/ACTIVITY: Bill Murphy and Peter Lichtner

SATISFACTORY FINDINGS:

Preliminary Reviews:

Preliminary surveillance activities were performed in reports issued on the Near Field Environment KTI. A total of three reports were reviewed to assure the requirements of QAP-002, "Review Of CNWRA Documents, Reports and Papers" were followed. In all cases, except for the observation described below, documents had been processed in accordance with QAP-002.

Surveillance Interviews:

The second part of the surveillance activity were the interviews with Principal Investigators. During these discussions it was noted that software programs MULTIFLO and EBSPAC were being used. These programs were reviewed for appropriate software controls in accordance with Procedure TOP-018 (Development and Control of Scientific and Engineering Software). Two Scientific Notebooks were reviewed during the surveillance. Notebooks nos. 037 and 140 were reviewed for compliance to procedure QAP-001 "Scientific Notebook Control". No unsatisfactory findings were identified.

At the conclusion of surveillance activities personnel qualification records and indoctrination documents were reviewed and verified with no comment.

UNSATISFACTORY FINDINGS: None

NONCONFORMANCE REPORT NO.: N/A

ATTACHMENTS: N/A

RECOMMENDATIONS/ACTIONS:

During the review of CNWRA document Q199705310004, Review of Low-Temperature Oxidation of Carbon Steels, it was noted that page 23 of TOP-3 (CNWRA Report/Review Comment Resolution Record) had not been signed in the Response Accepted By area. All other TOP-3 sheets had been signed indicating that this was in all probability an oversight. Have TOP-3 page 23 in CNWRA report Q199705310004 reviewed and signed by the responsible person.

APPROVED:

CENTER DIRECTOR OF QUALITY ASSURANCE

DATE:

12/8/97

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