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CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES QUALITY ASSURANCE SURVEILLANCE REPORT

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SURVEILLANCE SCOPE: Surveillance activities on Activities Related to Development of the NRC High-Level Waste Regulations Key Technical Issue.

REFERENCE DOCUMENTS: FY99 Quality Requirements Application Matrix; CNWRA HLW Operations Plans, Rev 12 Chg 1; QAP-004 Surveillance Control Procedure

STARTING DATE: February 10, 1999 **ENDING DATE:** February 10, 1999

QA REPRESENTATIVE: Mark R. Ehnstrom *MRE*

PERSONS CONDUCTING TEST/EXAM/ACTIVITY: Pat LaPlante and David Farrell

SATISFACTORY FINDING:

Surveillance activities were performed on the Activities Related to Development of the NRC High-Level Waste Regulations KTI. These activities included discussions with the two principal investigators P. LaPlante and D. Farrell. Discussions with both Mr. LaPlante and Dr. Farrell found that no consultants are being used. Surveillance assured that software programs being used for project activities are under current TOP-18 control. Among the software programs being used are GENII-S; STEPWISE; BIGFLOW; ISATIS; and SLIM2. Scientific notebooks were also reviewed. Scientific notebook 178 contain a last entry dated 10/15/98. The last page of this notebook referenced additional work now being documented in scientific notebook 275 and also met the requirements of QAP-001. When data sets are used from other sources, this data is noted in the scientific notebook and is described in one of three categories. These categories — high, medium, and low quality (reflecting confidence level) — are determined by the DOE contractor. No samples or critical equipment are being used in this activity.

SATISFACTORY FINDINGS: None

NONCONFORMANCE REPORT NO: N/A

ATTACHMENTS: None

RECOMMENDATIONS/ACTIONS: None

APPROVED: *Mark R. Ehnstrom*
CENTER DIRECTOR OF QUALITY ASSURANCE

DATE: 2/15/99

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