



CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES QUALITY ASSURANCE SURVEILLANCE REPORT

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PROJECT NO: 20-5708-560

REPORT NO: 96-20

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SURVEILLANCE SCOPE: Near-field Environment KTI Activities

REFERENCE DOCUMENTS: Current PMPR

STARTING DATE: December 17, 1996

ENDING DATE: December 18, 1996

QA REPRESENTATIVE: R. D. Brient *RDB*

PERSONS CONDUCTING TEST/EXAM/ACTIVITY: E. Pearcy, W. Murphy, P. Lichtner, R. Pabalan, S. Mohanty, D. Dunn, P. Angell

SATISFACTORY FINDINGS:

Task 1 - Technical Assistance: Current activities include (i) preparing several papers related to recent symposia (based on previous analyses) (ii) extended corrosion tests, Scientific Notebook #157 was reviewed, and a sampling of measuring and test equipment was verified as in calibration (see list below), and solutions were verified as properly labeled; and (iii) a journal paper on the potential for long term viability of bacteria from Yucca Mountain tuff is in review at NRC, Scientific Notebook #182 covering this activity was reviewed as was the custody log for the tuff samples. Both Scientific Notebooks were found to provide sufficient detail and comply with QAP-001.

Task 2 - MULTIFLO Development: There is little current activity.

Personnel qualification were verified for the persons conducting the activity, as listed above.

Test Equipment Verified:

Fisher Accumet 950 - s/n 3340
YSI Model 35 - s/n 90014379
Keithley Model 485 - s/n 509163
Keithley Model 617 - s/n 0579628
Mercury thermometer s/n 183302
Orion Model 720A - s/n 003368

UNSATISFACTORY FINDINGS: None
NONCONFORMANCE REPORT NO: N/A

ATTACHMENTS: None

RECOMMENDATIONS/ACTIONS: None

APPROVED: *[Signature]*
CNWRA DIRECTOR OF QUALITY ASSURANCE

DATE: 12/19/96

DISTRIBUTION:

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