

8/25



CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES QUALITY ASSURANCE SURVEILLANCE REPORT

PAGE 1 OF 1

PROJECT NO.: 20-5702-154

REPORT NO.: 95-10

SURVEILLANCE SCOPE: Surveillance Activities For Integrated Waste Package Experiment (IWPE)

REFERENCE DOCUMENTS: QAP-001, Scientific Notebook Control, Quality Requirements Application Matrix 20-5704-041,042,043, 044

STARTING DATE: 09/28/95

ENDING DATE: 09/29/95

QA REPRESENTATIVE: Mark R. Ehnstrom *MRE*

PERSONS CONDUCTING TEST/EXAM/ACTIVITY: Darrel Dunn and Gustavo Cragnolino, Principal Investigators and Peter Angell

SATISFACTORY FINDINGS: Surveillance activities were performed on the IWPE project documentation for stress, stress corrosion and microbiological induced corrosion. Scientific notebooks, laboratory equipment, and sample control and identification were reviewed. Based on this review, it appeared procedural requirements listed in procedure QAP-001 and TOP-012 were being followed.

UNSATISFACTORY FINDINGS: During the course of the surveillance it was discovered that one instrument, a Keithley 617 Programmable Electrometer, had been used in an experiment after its calibration had expired.

NONCONFORMANCE REPORT NO.: 95-06

ATTACHMENTS: Attachment A shows the equipment and notebooks related to the IWPE that were reviewed during this surveillance

RECOMMENDATIONS/ACTIONS: None

APPROVED: *B. Mabrito*
CENTER DIRECTOR OF QUALITY ASSURANCE

DATE: 10/2/95

DISTRIBUTION:

ORIGINAL - B. Mabrito, QA Records

ORIGINATOR - M. Ehnstrom, Institute QA Dept.

PRINCIPAL INVESTIGATOR - D. Dunn, G. Cragnolino

ELEMENT MANAGER - ~~E. Peary~~ *N. Seidhar* *ES*

Copies to: B. Sagar, H. Garcia, A. DeWispelare, *10/3/95*

A. Chowdhury, ~~N. Seidhar~~, L. McKague

E. Peary *ES* *10/3/95*

9/25

Equipment and Scientific Notebooks
Reviewed During Surveillance 95-10

Instrument	Inst. No.	Calibration Date	Calibration Due
Keithley	15981	9/20/94	9/20/95
Keithley	19349	10/5/94	10/5/95
Orion	001880	1/10/95	1/10/96
Orion	001948	1/10/95	1/10/96

Notebooks Reviewed

IWPE Notebooks 85* and 103*

Microbiological Corrosion 134 and 138

* Notebooks reviewed by a QA Auditor in November and December 1994.