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CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES QUALITY ASSURANCE SURVEILLANCE REPORT

PROJECT NO.: 20-5702-154

REPORT NO.: 95-02

PAGE 1 OF 2

SURVEILLANCE SCOPE: Critical Equipment Review in the Engineered Barrier System Element

REFERENCE DOCUMENTS: QAP-004 Surveillance Control

STARTING DATE: 5/25/95

ENDING DATE: 5/25/95

QA REPRESENTATIVE: Mark R. Ehnstrom

PERSONS CONDUCTING TEST/EXAM/ACTIVITY: Darrell Dunn

SATISFACTORY FINDINGS:

General surveillance activities were performed on May 25, 1995, in the test laboratory of the Engineered Barrier System Element. The surveillance activities consisted of noting calibration tags placed on critical test equipment, and a general discussion of the laboratory's activities. See Attachment A for a listing of equipment reviewed. One instrument, a Solartron 1260 Impedance/Gain Phase Analyzer, is certified by Solartron, who is not currently on the SWRI Approved Supplier List. Although this item had a Solartron calibration tag located on the instrument, the instrument itself is not required to be a calibrated item. Other test equipment reviewed during the surveillance was properly tagged, and within current calibration dates.

UNSATISFACTORY FINDINGS: none

NONCONFORMANCE REPORT NO.: none

ATTACHMENTS: Attachment A, showing instrumentation reviewed during surveillance activities.

RECOMMENDATIONS/ACTIONS

During the surveillance, personnel qualifications/certification documentation was not located in the immediate area where work is performed. It is recommended this documentation be supplied for immediate review during future surveillance and audit activities.

APPROVED:

CENTER DIRECTOR OF QUALITY ASSURANCE

DATE:

5/26/95

DISTRIBUTION:

ORIGINAL - CENTER QA DIRECTOR - BEM

ORIGINATOR - M.R. Ehnstrom

PRINCIPAL ENGINEER - D. Dunn

ELEMENT MANAGER - N. Sridhar

CC: B. Sagar/A. Chowdhury/E. Pearcy/L. McKague

SURVEILLANCE REPORT # 95-02 ATTACHMENT A

Item/Instrument	Serial Number/ I.D. Number	Cal Date/ Due Date
1. PH/Ion Meter 950 Fisher Scientific	S/N 3340 I.D. 1893	8 Feb 95/ 8 Feb 96
2. ABB Chart Recorder	S/N 0049616 I.D. 002291	2 May 95/ 2 May 96
3. Fluke Volt Meter	S/N 5005110 I.D. 1435	9 Feb 95/ 9 Feb 96
4. Solartron Impedance/ Gain Phase Analyzer	S/N 1260	5 April 95/ 5 April 96
5. Sartorius Balance	S/N 10704379 I.D. 2029	28 April 95/ 28 Oct 95
6. Load Cell	S/N 275744	7 Sept 94/ 7 Sept 95
7. Displacement Transducer	S/N LVDT6235	7 Sept 94/ 7 Sept 95
8. Keithley 614 Electrometer Volt Meter	S/N 17876	30 Nov 94/ 30 Nov 95