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CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES QUALITY ASSURANCE SURVEILLANCE REPORT

PROJECT NO: 20- 1402-571

REPORT NO: 99-06

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SURVEILLANCE SCOPE: Surveillance activities on Container Life and Source Term KTI

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

STARTING DATE: February 16, 1999

ENDING DATE: February 17, 1999

QA REPRESENTATIVE: Mark R. Ehnstrom *MRE*

PERSONS CONDUCTING TEST/EXAM/ACTIVITY: G. Cragolino and D. Dunn

SATISFACTORY FINDING:

Surveillance activities were performed on the Container Life and Source Term KTI. Discussions were conducted with G. Cragolino and D. Dunn to determine what project activities had been performed and what project activities were being planned. In addition to the two main contacts, Professional Personnel Qualification files for G. Cragolino; D. Dunn; C. Brazel and Y. Pan were reviewed. The review found that the Maintenance of Qualification was current and up to date and that all individuals had Conflict of Interest documentation in their individual files. Specific surveillance activities were performed in Bldg. 57. Material certifications and critical equipment documentation/certifications were reviewed (See attachment A). Equipment chosen for this review was equipment that was referenced in scientific notebooks as being utilized during experimental activities. Critical equipment was properly labeled showing the calibration date, next calibration date, who performed the calibration/certification, and the procedure used for that activity.

UNSATISFACTORY FINDINGS:

During the review of analysis reports for C-22 material it was found that reports supplied from the manufacturer and from the company performing duplicate analysis differed. In many occasions the duplicate elemental analysis showed that the C-22 material was outside the elemental percentages allowed by national standards.

NONCONFORMANCE REPORT NO: 99-01

ATTACHMENTS: See attachment A

RECOMMENDATIONS/ACTIONS: None

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

DATE: 3/5/99

DISTRIBUTION:
ORIGINAL - CENTER QA DIRECTOR / QA Records
ORIGINATOR - M.R. Ehnstrom
PRINCIPAL ENGINEER -G. Cragolino and D. Dunn
ELEMENT MANAGERS - ALL
B. Sagar
H. Garcia

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Table A

Critical Material reviewed during surveillance activities

Material	Heat No.	Supplier	Duplicate Analysis
C-22	2277-63193	Alabama Speciality Products	Kawin 10/29/98
A-516	D84944	US Steel	Kawin 10/29/98
A-625	NX9936AG	Metal Samples	Kawin 10/29/98

Critical Equipment reviewed during surveillance activities

Equipment	Serial No.	Calibration Date	Calibration Due Date
Keithley	599913	17 May 1998	17 May 1999
Thermometer	183301	19 Oct. 1998	20 Apr. 1999
Thermometer	183305	20 Oct. 1998	20 Apr. 1999
Keithley	555368	06 Nov. 1998	06 Nov. 1999