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CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES QUALITY ASSURANCE SURVEILLANCE REPORT

PROJECT NO: 20.01402.571

REPORT NO: 01-07

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SURVEILLANCE SCOPE: Surveillance of Container Life and Source Term activities.

REFERENCE DOCUMENTS: Center for Nuclear Waste Regulatory Analyses Operations Plan Revision 15, Change 3; FY01 Quality Requirements Application Matrix (QRAM); QAP-004 Surveillance Control Procedure

STARTING DATE: 21 May 2001

ENDING DATE: 22 June 2001

QA REPRESENTATIVE: Mark R. Ehnstrom

PERSONS CONDUCTING TEST/EXAM/ACTIVITY: V. Jain, G. Cragnolino, D. Dunn, and S. Brossia

SATISFACTORY FINDINGS:

Initial interviews were conducted with V. Jain and G. Cragnolino and current project activities were discussed. Of particular interest were the different types of materials being used in project studies. Surveillance 99-06 documented review activities performed primarily on C-22 material. This recently completed surveillance concentrated on Zirconium, Titanium, and Stainless Steel. This surveillance found that documentation for materials being used in current project activities is complete and available. Batch analyses results were reviewed for the materials mentioned earlier as well as confirmatory analysis results from Conam Kawin. The results of the confirmatory analyses were satisfactory and are placed in scientific notebooks (numbers 320, 328, and 368). One batch number on a Kawin analyses report was referenced incorrectly and was corrected during the time of the surveillance. Among the documents reviewed were original analyses and confirmatory analyses performed for materials A516-64 (welded and wrought); 316L-SS (welded and wrought); and wire samples for Zircoloy, Titanium, and 316L-SS.

It should be noted that there are samples of various materials that have not been through a confirmatory analyses verification. These materials have not been involved in any experiments or laboratory work important to licensing and regulatory reviews. Personnel responsible for these materials completely understood that prior to any testing which could produce results in licensing or regulatory reviews, confirmatory analyses would be required on the samples.

UNSATISFACTORY FINDINGS: None

NONCONFORMANCE REPORT NO: None

ATTACHMENTS: None

RECOMMENDATIONS/ACTIONS: None

APPROVED:

CENTER DIRECTOR OF QUALITY ASSURANCE

DATE:

7/2/2001

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