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PROJECT NO: 20-5704-190

REPORT NO: 96-02

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SURVEILLANCE SCOPE: Performance Assessment Research

REFERENCE DOCUMENTS: Program Manager's Periodic Report for Period 3, FY96, HLW Operations Plans, Quality Requirements Application Matrices

STARTING DATE: January 22, 1996

ENDING DATE: January 22, 1996

QA REPRESENTATIVE: R.D. Brient *RDB*

PERSONS CONDUCTING TEST/EXAM/ACTIVITY: S. Mohanty, R. Manteufel, M. Jarzemba, T. Easley

**SATISFACTORY FINDINGS:**

The PMPR for FY 96, Period 3 was reviewed to identify current activities for surveillance subjects. The following are also being incorporated into the semi-annual research report currently in preparation. This project is being subsumed by the TSPA KTI.

1. Model for Airborne Transport of Radionuclides - The P.I. was interviewed, and IM 20-5704-191-500, Paper on Scenario Classes for Performance Assessment was reviewed. No Scientific Notebook had been used for this activity, which is acceptable since the subject paper completely addressed modeling inputs, mathematical methods, and outputs. This IM was submitted in September 1995 and has been accepted by NRC. Personnel qualification documentation was verified for M. Jarzemba.

2. Variance based Sensitivity Analysis - Scientific Notebook 152 was reviewed for this activity, which was documented in IM 20-5704-192-500. This report had been submitted in September, 1995, and accepted by NRC in November. The work is complete, and the Scientific Notebook will be closed out and submitted to QA records. The notebook adequately documented the activity, and had been periodically reviewed by the P.I.. Personnel qualifications for R. Manteufel and T. Easley were verified.

UNSATISFACTORY FINDINGS: none

NONCONFORMANCE REPORT NO: none

ATTACHMENTS: none

RECOMMENDATIONS/ACTIONS: none

APPROVED: *RDB*  
for CNWRA DIRECTOR OF QUALITY ASSURANCE

DATE: *1/24/96*

**DISTRIBUTION:**

ORIGINAL - CNWRA QA DIRECTOR

ORIGINATOR

PRINCIPAL INVESTIGATOR - R. Manteufel, M. Jarzemba

ELEMENT MANAGER - R. Baca

B. Sagar, H. Garcia

Element Managers