



**Department of Energy**

Washington, DC 20585

**JAN 08 1997**

L. D. Foust, Technical Project Officer  
for Yucca Mountain Site  
Characterization Project  
TRW Environmental Safety Systems, Inc.  
Bank of America Center, Suite P-110  
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**ISSUANCE OF SURVEILLANCE RECORD YMP-SR-97-005 RESULTING FROM OFFICE  
OF QUALITY ASSURANCE (OQA) SURVEILLANCE OF CIVILIAN RADIOACTIVE  
WASTE MANAGEMENT SYSTEM MANAGEMENT AND OPERATING CONTRACTOR  
(CRWMS M&O) AND LOS ALAMOS NATIONAL LABORATORY (LANL)**

Enclosed is the record of Surveillance YMP-SR-97-005 conducted by OQA at the CRWMS  
M&O and the LANL facilities at the Yucca Mountain Site, Nevada, December 10, 1996.

The purpose of the surveillance was to verify corrective action to Deficiency Report  
YM-96-D-033. It was determined during the course of the surveillance that all corrective  
actions have been satisfactorily verified.

This surveillance is considered completed and closed as of the date of this letter. A response  
to this surveillance record is not required.

If you have any questions, please contact either James Blaylock at (702) 794-1420 or  
John R. Doyle at (702) 794-1465.

Donald G. Horton, Director  
Office of Quality Assurance

OQA:JB-0624

Enclosure:  
Surveillance Record YMP-SR-97-005

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OFFICE OF CIVILIAN  
RADIOACTIVE WASTE MANAGEMENT  
U.S. DEPARTMENT OF ENERGY  
WASHINGTON, D.C.

QUALITY ASSURANCE SURVEILLANCE RECORD

SURVEILLANCE DATA

1. ORGANIZATION/LOCATION: Los Alamos National Laboratories (LANL) Yucca Mountain Site	2. SUBJECT: YM-96-D-033 Corrective Action Verification	3. DATE: December 10, 1996
4. SURVEILLANCE OBJECTIVE: Verification of Corrective Action to Deficiency Report YM-96-D-033		
5. SURVEILLANCE SCOPE: Verification by record review that corrective actions to YM-96-D-033 are satisfactory for closeout.		6. SURVEILLANCE TEAM: Team Leader:  John R. Doyle Additional Team Members:  N/A
7. PREPARED BY:  John R. Doyle Surveillance Team Leader		8. CONCURRENCE:  N/A QA Division Director
Date 12/11/96		Date

SURVEILLANCE RESULTS

9. BASIS OF EVALUATION/DESCRIPTION OF OBSERVATIONS:

A surveillance was performed on December 10, 1996, at the Field Operations Center's (FOC), Document Records Center (DRC) to verify completion of corrective action relative to Deficiency Report (DR) YM-96-D-033. Subject DR was generated as a result of Surveillance YM-SR-96-008 and identified that Job Packages (JPs) delineated scopes of responsibility and work activities for affected organizations no longer associated with the project. For example JP 92-20D "Construction Monitoring in the Exploratory Studies Facility," identified Reynolds Electric and Engineering Company (REECo) and Raytheon Services of Nevada (RSN) as having a scope of responsibility for work activities when in fact the activities now belonged to Kiewit/Parsons Brinckerhoff (K/PB) and the Civilian Radioactive Waste Management System, Management and Operating Contractor (CRWMS/M&O). Surveillance YM-96-008 was performed on January 4-11, 1996. REECo and RSN were replaced by K/PB and the M&O at the conclusion of fiscal year 1995.

This surveillance consisted of personnel interviews and documentation reviews to assure that the JPs have been revised, as committed within the response to DR YM-96-033, to delineate the correct contractor who was responsible for the work.

(see page 2)

10. SURVEILLANCE CONCLUSIONS:

Based on personnel interviews and documentation reviews, it has been determined that LANL is effective and adequate in the completion of corrective action to YM-96-D-003. This DR is considered closed.

11. COMPLETED BY:

*John R. Doyle* 12/24/96  
Surveillance Team Leader Date

12. APPROVED BY:

*Charles R. Porter* 1/7/97  
QA Division Director Date

**Block 9 (continued) BASIS FOR EVALUATION/DESCRIPTION OF OBSERVATIONS:**

Five Job Packages were identified through investigative actions for YM-96-D-033 to have incorrect organizational interfaces. Two of these Job Packages, Job Package 93-10, "Engineered Barrier, Large Block Experiment Site Preparation (Phase I)," and 93-10A, "Engineered Barrier for Large Block Experiment Test Construction (Phase II)," have been closed out since the surveillance and do not require revision.

As per Yucca Mountain Procedure (YAP) 5.7Q, "ESF Testing Work Packages" Paragraph 1.0, ".....JP will be decontrolled and replaced with a controlled M&O approved Field Work Packages (FWP) if a change or revision is required." Verified through reviews of controlled in the Document Records Center (DRC) at the Field Operations Center (FOC), that the remaining three Job Packages have been revised to reflect current organizational responsibilities.

The following Job Packages have been replaced by Exploratory Studies Facility (ESF) FWPs. Verified correct organizational responsibilities in Paragraph 1.2.1 of the following:

- JP 92-20D, "Construction Monitoring in the Exploratory Studies Facility," replaced with FWP-ESF-96-002, "Construction Monitoring in the Exploratory Studies Facility," Revision 0
- JP 92-20E, "HydroChemistry Tests in Alcove 1," replaced with FWP-ESF-008, "HydroChemistry Tests in the Exploratory Studies Facility," Revision 0
- JP 94-21, "Hydrologic Properties of Major Faults Encountered in the ESF," replaced with FWP-ESF-96-006, "Hydrologic Properties of Major Faults Encountered in the ESF," Revision 1

**PERSONNEL CONTACTED DURING THE COURSE OF THE SURVEILLANCE:**

Alan Mitchell, Test Planning Specialist, LANL  
Andrew Burningham, Quality Assurance Liaison, CRWMS/M&O  
Scott Bowlinger, Manager DRC, CRWMS/M&O