



DEPARTMENT OF ENERGY

Office of Civilian Radioactive Waste Management
Office of Geologic Disposal
Yucca Mountain Site Characterization Project Office
P.O. Box 98608
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WBS 1.2.11
QA

MAR 18 1994

L. Dale Foust
Technical Project Officer
for Yucca Mountain
Site Characterization Project
TRW Environmental Safety Systems, Inc.
Bank of America Center, Suite P-110
101 Convention Center Drive
Las Vegas, NV 89109

ISSUANCE OF SURVEILLANCE RECORD YMP-SR-94-038 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION (YMQAD) SURVEILLANCE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT SYSTEM MANAGEMENT AND OPERATING CONTRACTOR TRW ENVIRONMENTAL SAFETY SYSTEMS, INC. (TRW) SURVEILLANCE PROGRAM (SCP: N/A)

Enclosed is the record of Surveillance YMP-SR-94-038 conducted by the YMQAD at the TRW facilities in Las Vegas, Nevada, March 8-10, 1994.

The purpose of the surveillance was to verify implementation of an effective surveillance program.

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

If you have any questions, please contact either Robert B. Constable at 794-7945 or Stephen R. Maslar 794-7762.

Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

YMQAD:RBC-2527

Enclosure:
Surveillance Record YMP-SR-94-038

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102.7
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PDR WASTE
WM-11 PDR

MAR 18 1994

L. Dale Foust

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cc w/encl:

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

QUALITY ASSURANCE SURVEILLANCE RECORD

SURVEILLANCE DATA

¹ORGANIZATION/LOCATION:
TRW/Management & Operating
(M&O) Contractor, Las Vegas,
NV

²SUBJECT:
M&O Surveillance Program

³DATE: 3/8-10/94

⁴SURVEILLANCE OBJECTIVE:
Verify implementation of an effective surveillance program.

⁵SURVEILLANCE SCOPE:
1.)Verify compliance to QARD requirements
2.)Verify compliance to the M&O surveillance procedure
3.)Assess adequacy of surveillance program
4.)Assess effectiveness of surveillance program
5.)Review improvements based on previous commitments and management assessments recommendations

⁶SURVEILLANCE TEAM:
Team Leader:
Steve Maslar
Additional Team Members:
Richard E. Powe

⁷PREPARED BY:
S. R. Maslar 3/3/94
Surveillance Team Leader Date

⁸CONCURRENCE:
A.C. [Signature] 3/3/94
QA Division Director Date

SURVEILLANCE RESULTS

⁹BASIS OF EVALUATION/DESCRIPTION OF OBSERVATIONS:

See page 2

¹⁰SURVEILLANCE CONCLUSIONS:

See page 3

¹¹COMPLETED BY: ^{TRP}
S. R. Maslar 3/10/94
Surveillance Team Leader Date

¹²APPROVED BY:
A.C. [Signature] 3/17/94
QA Division Director Date

Block 9 BASIS OF EVALUATION/DESCRIPTION OF OBSERVATIONS

A surveillance was performed on March 8-10, 1994, on the TRW/Management and Operating (M&O) Contractor, Quality Assurance (QA) Audit Organization to verify implementation of an effective surveillance program. Emphasis was placed on the implementation of the Civilian Radioactive Waste Management System (CRWMS)/M&O Quality Assurance Procedure (QAP)-2-5, "QA Surveillance."

An evaluation was performed to verify compliance of QAP-2-5, Revision 2 and Procedure Change Notice (PCN) No. 1, to the applicable Quality Assurance Requirements Description (QARD) requirements for surveillance.

The following persons were contacted during the surveillance:

D. M. Franks, QA Audits Manager, TRW/M&O
R. B. Berlien, QA Lead Auditor, TRW/M&O
G. P. Vaslos, QA Lead Auditor, TRW/M&O
R. G. Vawter, Deputy Nevada Site Manager, TRW/M&O

The following observations were made:

- Training to QAP-2-5, Revision 2 was complete, however training to PCN No. 1 was not signed off as being complete. This was completed during the course of the surveillance. The PCN No.1 changes were administrative only with no programmatic impact.
- QAP-2-5, Paragraph 5.2.5 requires that QA Audit Manager to schedule supplier surveillances. No schedule has been prepared and no external surveillances have been performed. None appear to have been required thus-far in the program.

The adequacy and effectiveness of the surveillance program was assessed and evaluated using the surveillances conducted during fiscal year 1994 (8 total) and detailed discussions with D. M. Franks.

A review of the surveillance program improvements previously identified by the M&O in accordance with letter VA.GM.RLR., 10/93.056, dated 10/29/93, was conducted with D.M. Franks to ascertain that they were indeed meeting their documented commitments.

The following recommendations resulted from this review:

- A commitment was made to improve the scheduling and planning of surveillances to place emphasis in appropriate areas and to make the surveillance program a more useful tool and a complement to QA Audits. Work has begun in this area but there is minimal objective evidence documented to show the planning and scheduling of future surveillances. Additional work is needed in this area. It is recommended that M&O QA Management consider meeting with Office of Quality Assurance (OQA) personnel to further refine scheduling and planning surveillance techniques.
- Based on a detailed discussion of the improvements underway to strengthen the surveillance program regarding previous commitments, it was concluded that a summary of the current status of the commitments should be prepared and documented by the M&O.

Block¹⁰ SURVEILLANCE CONCLUSIONS

This surveillance concluded that the M&O has an effective and adequate surveillance program in place at this time.

Improvements are needed in the area of planning and scheduling of surveillance to insure that critical program activities are covered early in the program utilizing performance based auditing techniques.

It is realized that previous commitments have not been fully implemented and additional improvements are in process.