



Department of Energy
Office of Civilian Radioactive Waste Management
Yucca Mountain Site Characterization Office
P.O. Box 98608
Las Vegas, NV 89193-8608

QA: L

OCT 27 1994

Les E. Shephard
Technical Project Officer
for Yucca Mountain
Site Characterization Project
Sandia National Laboratories
P.O. Box 5800, Mail Stop 1333
Albuquerque, NM 87185

ISSUANCE OF SURVEILLANCE RECORD YMP-SR-95-003 RESULTING FROM
YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION (YMQAD) SURVEILLANCE
OF SANDIA NATIONAL LABORATORIES (SCPb: N/A)

Enclosed is the record of Surveillance YMP-SR-95-003 conducted
by the YMQAD at the Sandia National Laboratories facilities in
Albuquerque, New Mexico, October 19-20, 1994. The purpose of
the surveillance was to verify implementation of an adequate and
effective surveillance program.

Corrective Action Request(s) (CAR) YM-95-004 and YM-95-005 were
issued as a result of this surveillance. Response to these CARs,
which were transmitted via separate letter, is due by the date
indicated in Block 13 of the CAR.

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. However, the
open CARs will continue to be tracked until they are closed to
the satisfaction of the quality assurance representative and the
Director, YMQAD.

If you have any questions, please contact either Robert B.
Constable at (702) 794-7945 or Stephen R. Maslar at (702)
794-7762.

Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

YMQAD:RBC-451

Enclosure:
Surveillance Record YMP-SR-95-003

9411040217 941027
PDR WASTE
WM-11 PDR

YMP-5

102.7
WM-11
NHO3/1

OCT 27 1994

cc w/encl:

D. A. Dreyfus, HQ (RW-1) FORS
R. W. Clark, HQ (RW-3.1) FORS
W. L. Belke, NRC, Las Vegas, NV
~~J. G. Spraul~~, NRC, Washington, DC
R. R. Loux, NWPO, Carson City, NV
Cyril Schank, Churchill County Commission, Fallon, NV
D. A. Bechtel, Clark County Comprehensive, Las Vegas, NV
J. D. Hoffman, Esmeralda County, Goldfield, NV
Eureka County Board of Commissioners,
Yucca Mountain Information Office, Eureka, NV
Lander County Board of Commissioners, Battle Mountain, NV
Jason Pitts, Lincoln County, Pioche, NV
V. E. Poe, Mineral County, Hawthorne, NV
P. A. Niedzielski-Eichner, Nye County, Chantilly, VA
L. W. Bradshaw, Nye County, Tonopah, NV
William Offutt, Nye County, Tonopah, NV
Florindo Mariani, White Pine County, Ely, NV
B. R. Mettam, County of Inyo, Independence, CA
Mifflin and Associates, Las Vegas, NV
S. L. Bolivar, LANL, Los Alamos, NM
R. E. Monks, LLNL, Livermore, CA
W. J. Glasser, REECo, Las Vegas, NV
R. R. Richards, SNL, Albuquerque, NM, M/S 1333
T. H. Chaney, USGS, Denver, CO
R. P. Ruth, M&O/Duke, Las Vegas, NV
K. B. Johnson, M&O/SAIC, Las Vegas, NV
C. K. Van House, YMQAD/QATSS, Las Vegas, NV
R. L. Maudlin, YMQAD/QATSS, Las Vegas, NV
C. J. Henkel, NEI, Washington, DC

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

QUALITY ASSURANCE SURVEILLANCE RECORD

SURVEILLANCE DATA

¹ORGANIZATION/LOCATION:
Sandia National Laboratory
(SNL), Albuquerque, N. M.

²SUBJECT:
SNL Surveillance Program

³DATE: 10/19 and 10/20/94

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

⁵SURVEILLANCE SCOPE:
1.) Verify compliance to QARD requirements.
2.) Verify compliance to SNL surveillance procedure QAIP 10-1, Revision 4.
3.) Assess adequacy of surveillance program.
4.) Assess effectiveness of surveillance program.

⁶SURVEILLANCE TEAM:
Team Leader:
Stephen Maslar
Additional Team Members:
None

⁷PREPARED BY:
S. R. Maslar
Stephen R. Maslar 10/11/94
Surveillance Team Leader Date

⁸CONCURRENCE:
NA
QA Division Director Date

SURVEILLANCE RESULTS

⁹BASIS OF EVALUATION/DESCRIPTION OF OBSERVATIONS:
See page 2

¹⁰SURVEILLANCE CONCLUSIONS:
See page 2 and 3

¹¹COMPLETED BY:
S. R. Maslar 10/21/94
Surveillance Team Leader Date

¹²APPROVED BY:
Robert M. [Signature] 10-27-94
QA Division Director Date

Block 9 (Continued) Basis of Evaluation/Description of Observations

A surveillance was performed on October 19 and 20, 1994 at Sandia National Laboratory (SNL) in Albuquerque, New Mexico, of the SNL Quality Assurance (QA) Organization to verify implementation of an adequate and effective surveillance program. Emphasis was placed on the implementation and compliance with SNL QA procedure QAIP 10-1, Revision 4, "SURVEILLANCES." A review was also performed to insure compliance with the QARD (RW-0333P), Section 2.2.5, "SURVEILLANCES."

The following personnel were contacted during the surveillance:

R. R. Richards, SNL/YMP QA Manager
C. Jaramitto, SNL/YMP QA Coordinator
J. V. Voigt, SNL/YMP QA Engineer
R. M. Baehr, SNL/Product Assurance Lead Assessor
J. Lentz, SNL/Product Assurance Senior Technical Staff

The following observation was made:

Surveillance schedules, and their periodic revisions, show that surveillances were postponed, cancelled, or rescheduled with no explanation on the revised schedule and no reason contained in the QA file.

The adequacy and effectiveness of the surveillance program was assessed and evaluated using the surveillance conducted by SNL QA personnel during FY 94 (7 total) and detailed discussions with SNL QA personnel.

Two Corrective Action Requests (CARs) were generated as a result of this surveillance. One CAR (YM-95-004) is associated with violations to SNL QA procedure QAIP 10-1, Revision 4. The second CAR (YM-95-005) is associated with the fact that potential CAR conditions were noted during surveillances, but were not documented as CAR conditions by SNL QA.

The following recommendation resulted from this review:

Modifications to surveillance schedules should have a reason for the modifications documented either on the revised schedule or in the supporting QA file.

Block 10 (continued) Surveillance Conclusions

Although surveillances performed during FY 94 were detailed, thorough, and evaluated in process and completed quality-affecting work, they were determined to be inadequate based on the problems identified in CAR YM-95-004 relative to SNL procedure QAIP 10-1, Revision 4 compliance.

Further, the surveillances were determined to be ineffective in identifying conditions adverse to quality such that prompt corrective action could be taken by responsible management and timely implementation of corrective action could be verified as described in CAR YM-95-005 relative to the lack of documentation of potential CAR conditions.

Surveillances were performed by qualified and knowledgeable personnel not directly responsible for the work under surveillance. All personnel contacted during this surveillance were very helpful in providing the information to complete this surveillance in a timely manner.