



DEPARTMENT OF ENERGY
Office of Civilian Radioactive Waste Management
Office of Geologic Disposal
Yucca Mountain Site Characterization Project Office
P.O. Box 98608
Las Vegas, NV 89193-8608

WBS 1.2.11
QA

JAN 7 1994

Robert M. Nelson, Acting Project Manager, YMP, NV

ISSUANCE OF SURVEILLANCE RECORD YMP-SR-94-019 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION (YMQAD) SURVEILLANCE OF THE YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SAMPLE MANAGEMENT FACILITY (SMF) (SCP: N/A)

Enclosed is the record of Surveillance YMP-SR-94-019 conducted by the YMQAD of the SMF located in Area 25 of the Yucca Mountain site on December 20, 1993.

The purpose of the surveillance was to evaluate implementation of, and compliance with, project procedure YLP-SII.1Q-SMF, Revision 0, "Removal of Whole and Other Specimens from Samples by the SMF for Shipment and Remnant Return."

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

If you have any questions, please contact either Robert B. Constable at 794-7945 or Raul A. Hinojosa at 794-7991.

Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

YMQAD:RBC-1472

Enclosure:
Surveillance Record YMP-SR-94-019

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PDR WASTE
WM-11 PDR

ADD: Ken Hooks

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cc w/encl:

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Yucca Mountain Information Office, Eureka, NV
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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:
Sample Management Facility
(SMF), Area 25, NTS

²SUBJECT:
REMOVAL OF SPECIMENS FROM THE
SMF

³DATE: 12/20/93

⁴SURVEILLANCE OBJECTIVE:

To evaluate implementation of, and compliance to project procedure YLP-SII.1Q-SMF, Revision 0.

⁵SURVEILLANCE SCOPE:

To determine if the removal of specimens from, and the return of specimen remnants to the SMF are in compliance with project procedure YLP-SII.1Q-SMF, Revision 0, Removal of Whole and Other Specimens from Samples by the SMF for Shipment and Remnant Return.

⁶SURVEILLANCE TEAM:
Team Leader:

Raul A. Hinojosa
Additional Team Members:

⁷PREPARED BY:

Raul A. Hinojosa
Surveillance Team Leader

12-16-93
Date

⁸CONCURRENCE:

R. C. Spivey
QA Division Director

12-16-93
Date

SURVEILLANCE RESULTS

⁹BASIS OF EVALUATION/DESCRIPTION OF OBSERVATIONS:

See page 2.

¹⁰SURVEILLANCE CONCLUSIONS:

The SMF is in compliance with YLP-SII.1Q-SMF, Revision 0 and is implementing the procedure adequately and in an effective manner.

¹¹COMPLETED BY:

Raul A. Hinojosa
Surveillance Team Leader

12-29-93
Date

¹²APPROVED BY:

R. C. Spivey
QA Division Director

1/6/94
Date

ENCLOSURE

Block ⁹

A surveillance was performed on December 20, 1993 at the SMF to evaluate implementation and compliance with project procedure YLP-SII.1Q-SMF, Revision 0.

Additionally, it was verified that the SMF personnel contacted had completed training to project procedure YLP-SII.1Q-SMF, Revision 0.

The following personnel were contacted during the surveillance:

David W. Merritt, Science Application International Corporation (SAIC)/SMF
Geologist
Jack P. L'Homme, SAIC/SMF, Geotechnician
Linda Liles, SAIC/Technical and Management Support Services, Training
Department

It was verified that procedure YLP-SII.1Q-SMF, Revision 0 is being satisfactorily implemented. The following procedural attributes were verified as being performed in accordance with the procedure:

- Preparation of shipping containers No. 0001140 and No. 0001141. (paragraph 5.2.2 a)
- Marking of shipping containers in item 1 with unique identifications (IDs). (paragraph 5.2.2 c)
- Generation of the SMF Specimen Removal Log (SRL). (paragraph 5.2.1)
- Removal of the specimen and recording of the actual depth interval of the specimen on the SMF SRL. (paragraph 5.2.2 d)
- Marking of the specimens with red and blue orientation strips. (paragraph 5.2.2 e 1.)
- Affixing of a label, on the inside of the container, displaying the borehole ID, the specimen ID, specimen depth interval removed, requestor name, and date removed. (paragraph 5.2.2 g)

Objective Evidence:

Containers to be shipped:

Box number 0001140
Specimens verified:

Specimen ID No. 0029720
Borehole ID No. USW UZ-14
Interval 297.5 to 297.8

Specimen ID No. 0029715
Borehole ID No. USW UZ-14
Interval 261.4 to 261.7

Specimen ID No. 0029754
Borehole ID No. USW UZ-14
Interval 69.5 to 69.8

Box number 0001141
Specimens verified:

Specimen ID No. 0029729
Borehole ID No. USW UZ-14
Interval 428.7 to 429.0

Specimen ID No. 0029727
Borehole ID No. USW UZ-14
Interval 381.0 to 381.3

Specimen ID No. 0029728
Borehole ID No. USW UZ-14
Interval 404.0 to 404.3

Remnants returned to storage:

Box interior marked on inside with specimen number of specimen removed.

Box No. RCT 8194
Specimen ID No. 0029720
Interval 297.5 to 297.8

Box No. RCT 8187
Specimen ID No. 0029715
Interval 261.4 to 261.7

Box No. RCT 8043
Specimen ID No. 0029754
Interval 69.5 to 69.8