



Department of Energy
 Office of Civilian Radioactive Waste Management
 Yucca Mountain Site Characterization Office
 P.O. Box 98608
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APR 28 1995

Wesley E. Barnes, Project Manager, YMSCO, NV

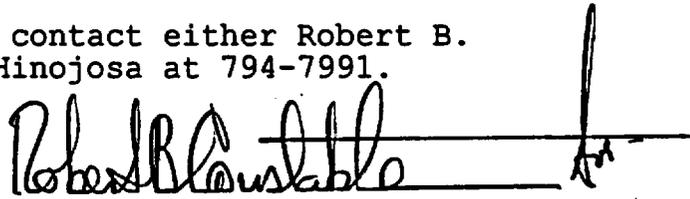
ISSUANCE OF SURVEILLANCE RECORD YMP-SR-95-028, RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION'S (YMQAD) SURVEILLANCE OF YUCCA MOUNTAIN SITE CHARACTERIZATION OFFICE (YMSCO)
 (SCPB: N/A)

Enclosed is the record of Surveillance YMP-SR-95-028 conducted by the YMQAD at the YMSCO facilities at the Yucca Mountain Site, Nevada, March 3-30, 1995.

The purpose of the surveillance was to determine and verify that in-process remedial and corrective actions to Corrective Action Request (CAR) YM-94-023 are being implemented in accordance with the accepted CAR response commitments.

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 Raul A. Hinojosa at 794-7991.



Richard E. Spence, Director
 Yucca Mountain Quality Assurance Division

YMQAD:RBC-3094

Enclosure:
 Surveillance Record
 YMP-SR-95-028

9505080025 950428
 PDR WASTE PDR
 WM-11

YMP-5

102.7
 Wm-11
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APR 28 1995

Wesley E. Barnes

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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:
Yucca Mountain Site
Characterization Office
(YMSCO), Yucca Mountain
Site, NV

²SUBJECT:
Corrective Action Request (CAR) YM-94-
023 (preliminary status verification)

³DATE: March 3 through 30, 1995

⁴SURVEILLANCE OBJECTIVE: To determine and verify that in-process remedial and corrective actions to CAR YM-94-023 are being implemented in accordance with the accepted CAR response commitments.

⁵SURVEILLANCE SCOPE: The scope of the surveillance is to verify by direct observation that unsecured boreholes are in the process of being secured and by review of logs and other documents that Yucca Mountain Administrative Procedure (YAP)-13.1Q has been implemented.

⁶SURVEILLANCE TEAM:
Team Leader:

Raul A. Hinojosa

Additional Team Members:

⁷PREPARED BY:

Raul A. Hinojosa

Surveillance Team Leader

3/1/95
Date

⁸CONCURRENCE:

n/a

QA Division Director

Date

SURVEILLANCE RESULTS

⁹BASIS OF EVALUATION/DESCRIPTION OF OBSERVATIONS:
See pages 2 through 4

¹⁰SURVEILLANCE CONCLUSIONS:
See pages 4 and 5

¹¹COMPLETED BY:

Raul A. Hinojosa
Surveillance Team Leader

4/27/95
Date

¹²APPROVED BY:

David B. Cantabile
QA Division Director

4.28.95
Date

Block 9 (continued) Basis of Evaluation/Description of Observations:

During the period March 3 through 30, 1995, a surveillance was performed to determine the status of remedial and corrective actions to CAR YM-94-023. (Note: This is not the verification of corrective actions to the cited CAR. The verification is planned for a date to be determined after July 31, 1995.)

The following boreholes were visited on the indicated dates:

3/7/95

Pagan Wash

UE 25 UZN 2
UE 25 UZN 3
UE 25 UZN 4
UE 25 UZN 5
UE 25 UZN 6
UE 25 UZN 7
UE 25 UZN 8
UE 25 UZN 9
UE 25 UZN 63
UE 25 UZN 1
UE 25 UZN 10
UE 25 UZN 13
UE 25 UZN 14

Azreal Ridge (North Yucca Mountain Crest)

USW UZN 17
USW UZN 16
USW UZN 15
USW UZN 11

The chain on this borehole cap was too long and could be removed without unlocking. This was brought to the attention of Steven Smith, Civilian Radioactive Waste Management System Management and Operating Contractor (CRWMS M&O)/Science Applications International Corporation (SAIC). Mr. Smith subsequently informed me that he had shortened the chain and that the borehole cap is now securely installed.

USW UZN 36

3/15/95

North Yucca Crest

USW UZN 67
USW UZN 69
USW UZN 71
USW UZN 72
USW UZN 73
USW UZN 76
USW UZN 75
USW UZN 17

Little Prow (North Yucca Crest)

USW UZN 27

3/17/95

Exile Hill (Western Slope)

UE 25 NRG 2
UE 25 NRG 2C
UE 25 NRG 2D
UE 25 NRG 2B

UE 25 RF 8

Locking cap is off. This borehole has a sealing cap with tygon tubing through the center. This borehole had the stickup sheared off, (apparently during the backfilling of trench NRT-1). A nonconformance report has been issued to document this condition.

Azreal Ridge (East Slope)

UE 25 NRG 3

3/22/95

Solitario Canyon

USW UZN 90
USW UZN 89
USW UZN 87
USW UZN 84
USW UZN 83

This borehole is covered with a rock cairn. It has instrument cable and a steel cable leading into the cairn. It could not be determined if there is a locking cap on this borehole.

USW UZN 86
USW UZN 88
USW H 6

This borehole does not have a locking cap. At the time of the surveillance, the hole was instrumented.

USW UZN 77
USW UZN 82
USW UZN 81

USW UZN 80
USW UZN 78
USW UZN 79
UE 25 WT 7

There is an unidentified stickup on this borehole pad.

3/30/95

USW UZ 7

There is an unidentified stickup on this borehole pad.

Block 10 (continued) Surveillance Conclusions:

The following items are noted and have been discussed with Steven Smith of CRWMS M&O/SAIC.

1. The on-going effort to secure boreholes is being performed without a work program, engineering approved caps, nor were any Determination of Importance Evaluation performed for the boreholes being secured which are located within the Test Interference and Waste Evaluation Zones. (Reference CRWMS M&O/Technical and Management Support Services Quality Finding Report 95-009, Revision 0, dtd 2/17/95).
2. The procedure YAP-13.1 does not have any time limits for submitting Borehole Status Reports nor does it require that access be renewed on a periodic basis. The U.S. Geological Survey (USGS) has been issued access to the neutron boreholes for a period of three years with no requirement that periodic reports be furnished.
3. There is a borehole located on the pad for USW W 7 which does not have an identifying tag nor is it capped.
4. Borehole USW H 6 does not have a lockable cap.
5. Borehole USW UZN 83 is covered with a rock cairn and is instrumented. It cannot be determined whether this borehole has a lockable cap.
6. USGS issued an internal deficiency report to document an instance of noncompliance with YAP-13.1.

The following personnel were contacted during the pre-verification activity:

Paul Hale	CRWMS M&O/Integrated Resources Group, Inc. (IRG) Field Verification Quality Assurance (QA)
H. W. Straight	CRWMS M&O IRG QA
Dan Soeder	USGS
Drew Coleman	U.S. Department of Energy (DOE) Field Test Coordinator (FTC)
Paul Bowen	USGS
Kathleen Scott	DOE FTC
Steven Smith	CRWMS M&O/SAIC