



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

JAN 11 1995

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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-95-013 RESULTING FROM
YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION'S (YMQAD) SURVEILLANCE
OF THE CIVILIAN RADIOACTIVE WASTE MANAGEMENT SYSTEM MANAGEMENT
AND OPERATING CONTRACTOR (CRWMS M&O) (SCP: N/A)

Enclosed is the record of Surveillance YMP-SR-95-013 conducted
by the YMQAD at the CRWMS M&O facilities in Las Vegas, Nevada,
December 5-23, 1994.

The purpose of the surveillance was to determine the status of
responses/corrective actions and perform verification of
completed action for CRWMS M&O Corrective Action Requests to
Design Package 2C.

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 John F. Pelletier at 794-7538.

Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

YMQAD:RBC-1653

Enclosure:
Surveillance Record YMP-SR-95-013

YMP-5

100010
9501200114 950111
PDR WASTE
WM-11 PDR

102.7
WM-11
N/A03

JAN 11 1995

cc w/encl:

D. A. Dreyfus, HQ (RW-1) FORS
R. W. Clark, HQ (RW-3.1) FORS
T. A. Wood, HQ (RW-14) FORS
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~~F. G. Spraul~~, NRC, Washington, DC
W. L. Belke, NRC, Las Vegas, NV
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
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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:
OCRWM CARs relating to Design Package
2C

³DATE: 12/5 - 23/94

⁴SURVEILLANCE OBJECTIVE: To determine the status of responses/corrective actions and perform verification of completed actions for OCRWM CARs relating to Design Package 2C

⁵SURVEILLANCE SCOPE:

OCRWM CARs:

YM-94-015	YM-94-067	YM-94-075
YM-94-062	YM-94-068	YM-94-76
YM-94-063	YM-94-070	YM-94-100
YM-94-064	YM-94-071	
YM-94-065	YM-94-072	
YM-94-066	YM-94-073	

⁶SURVEILLANCE TEAM:
Team Leader:

John F. Pelletier

Additional Team Members:

Richard Peck

⁷PREPARED BY: John F. Pelletier
John F. Pelletier 12/4/94
Surveillance Team Leader Date

⁸CONCURRENCE:
N/A
QA Division Director Date

SURVEILLANCE RESULTS

⁹BASIS OF EVALUATION/DESCRIPTION OF OBSERVATIONS:
See pages 2 and 3

¹⁰SURVEILLANCE CONCLUSIONS:
See page 3

¹¹COMPLETED BY:
John F. Pelletier 1/6/95
John F. Pelletier Date

¹²APPROVED BY:
[Signature] 1/11/95
QA Division Director Date

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

This surveillance of TRW Management and Operating (M&O) Contractor was conducted December 5, through 23, 1994 in Las Vegas, Nevada. The surveillance team assessed the status of corrective actions documented in the Office of Civilian Radioactive Waste Management (OCRWM) Corrective Action Requests (CAR) relating to Design Package 2C. The results of the surveillance for each OCRWM CAR is as follows:

- YM-94-015 Actions remaining to close CAR: M&O to revise line procedure (Implementing Line Procedure [NLP]2-0) to consolidate Determination of Importance (DIE), Waste Isolation Evaluations (WIE), and Test Interference Evaluations (TIE) procedures. Actions not completed. Extension request to February 28, 1995 requested.
- YM-94-062 All remedial action is complete. Amended response reviewed and accepted by Yucca Mountain Quality Assurance Division (YMQAD) December 29, 1994. Verification of corrective action to preclude recurrence scheduled for January 31, 1995.
- YM-94-063 Actions remaining to close CAR: M&O to revise design control process to incorporate lessons learned and M&O designers to be retrained to revised procedures. Verification scheduled for January 31, 1995.
- YM-94-064 YMQAD verified corrective action during the surveillance and closed CAR on December 28, 1994.
- YM-94-065 Amended response received on December 20, 1994. Response has been determined to be unsatisfactory by YMQAD, a new amended response must be provided.
- YM-94-066 Actions remaining to close CAR: M&O to revise line procedure (NLP-3-16) as part of a roll up with NLP-3-17, into a revised NLP-2-0, to consolidate DIE, WIE, and TIE procedures. Actions not completed. Extension request to February 28, 1995 requested.
- YM-94-067 Verified the corrective action to CAR during the surveillance and determined the results to be unsatisfactory because the remedial actions was not completed as described in the CAR response. M&O to submit amended response.
- YM-94-068 YMQAD verified corrective action during the surveillance and closed CAR on December 28, 1995.
- YM-94-070 Actions remaining to close CAR: Revise NLP-2-0. Actions not completed. Extension request to February 28, 1995 requested.
- YM-94-071 Actions remaining to close CAR: A working group focusing on the Basis For Design (BFD) will be formed. Verification scheduled for January 15, 1995.

- YM-94-072 Amended response received on December 20, 1994. Response has been determined to be unsatisfactory by YMQAD, a new amended response must be provided.
- YM-94-073 YMQAD is in the process of performing verification of corrective action.
- YM-94-075 Amended response received on January 3, 1995. YMQAD is evaluating the response.
- YM-94-076 Remedial action complete, actions remaining to close CAR: Revise Quality Assurance Procedures (QAP)-19 series and revise NLP-2-0. Actions not completed. Extension requested to February 28, 1995.
- YM-94-100 Response rejected by YMQAD. Amended response is due January 12, 1995.

Persons contacted during the surveillance:

P. Jones	. . .	M&O
M. Woods	. . .	M&O
G. Heaney	. . .	M&O
P. Hastings	. . .	M&O
G. Abend	. . .	M&O
J. Houseworth		M&O
R. Powe	. . .	YMQAD/Quality Assurance Technical Support Services (QATSS)
R. Howard	. . .	YMQAD/QATSS
W. Sublette	. . .	YMQAD/QATSS

Block 10 (continued) Surveillance Conclusions:

The status of responses and corrective actions for the fifteen OCRWM CARs reviewed are detailed in Block 9. As indicated, corrective actions were complete for two CARs and the two were closed during the surveillance. Further, one corrective action verification was determined to be unsatisfactory and rejected during the verification process. The remaining CARs will be tracked to closure by YMQAD. No additional CARs were issued as a result of this surveillance.