



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

WBS 1.2.11
 QA: N/A

OCT 28 1993

William C. Kopatich
 Technical Project Officer
 for Yucca Mountain
 Site Characterization Project
 Raytheon Services Nevada
 101 Convention Center Drive
 Phase II, Suite P-250
 Las Vegas, NV 89109

EVALUATION OF AMENDED RESPONSE AND CLOSURE OF CORRECTIVE ACTION REQUEST (CAR)
 YM-93-077 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION (YMQAD)
 AUDIT YMP-93-13 OF RAYTHEON SERVICES NEVADA (SCP: N/A)

The YMQAD staff has evaluated the amended response to CAR YM-93-077. The amended response has been determined to be satisfactory. Verification of completion of the corrective action has been performed and accepted. As a result the CAR is considered closed.

If you have any questions, please contact either Robert B. Constable at 794-7945 or John R. Matras at 794-7197.

R. E. Spence

Richard E. Spence, Director
 Yucca Mountain Quality Assurance Division

YMQAD:RBC-448

Enclosure:
 CAR YM-93-077

cc w/encl:
 K. R. Hooks, NRC, Washington, DC
 S. W. Zimmerman, NWPO, Carson City, NV
 D. J. Tunney, RSN, Las Vegas, NV

cc w/o encl:
 J. W. Gilray, NRC, Las Vegas, NV
 N. J. Brogan, YMQAD/QATSS, Las Vegas, NV

YMP-6

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 PDR WASTE PDR
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ADD: K. HOOKS

ltr. Encl.
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**OFFICE OF CIVILIAN
RADIOACTIVE WASTE MANAGEMENT
U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.**

⁶ CAR NO. YM-93-077
DATE: 7/21/93
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CORRECTIVE ACTION REQUEST

¹ Controlling Document
AP-5.1Q, Rev. 3, Control & Transfer of Technical Data on the YMP

² Related Report No.
YMP-93-13

³ Responsible Organization
RSN

⁴ Discussed With
W. Kopatch & D. Tunney

⁵ Requirement

Section 5.1.2 states in part, "To submit acquired or developed technical data packages into the CRF, the YMP Participant submits the data record packages, including associated TDIFs, as records to the CRF within 45 days of the end of the quarter in which the data were placed in the PDA or on an approved schedule."

⁶ Adverse Condition:

Contrary to the above requirement, a TDIF has not been submitted to the CRF for data acquired as part of the North Ramp Geologic (NRG) 1 work that was completed in 11/92.

⁹ Does a significant condition adverse to quality exist? Yes ___ No X
If Yes, Circle One: A B C

¹⁰ Does a stop work condition exist? Yes ___ No X; If Yes - Attach copy of SWC
If Yes, Circle One: A B C D

¹¹ Response Due Date:
20 Working Days from Issuance

¹² Required Actions: Remedial Extent of Deficiency Preclude Recurrence Root Cause Determination

¹³ Recommended Actions:

Evaluate all data acquired by RSN as to appropriateness for inclusion into the Technical Data Base

⁷ Initiator <i>John R Matras</i> Date <u>7/20/93</u>	¹⁴ Issuance Approved by: QADD <i>[Signature]</i> Date <u>7/27/93</u>
¹⁵ Response Accepted QAR <i>John R. Matras</i> Date <u>8/25/93</u>	¹⁶ Response Accepted QADD <i>[Signature]</i> Date <u>8/31/93</u>
¹⁷ Amended Response Accepted QAR <i>John R Matras</i> Date <u>10/21/93</u>	¹⁸ Amended Response Accepted QADD <i>[Signature]</i> Date <u>10/27/93</u>
¹⁹ Corrective Actions Verified QAR <i>John R Matras</i> Date <u>10/31/93</u>	²⁰ Closure Approved by: QADD <i>[Signature]</i> Date <u>10/27/93</u>

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CORRECTIVE ACTION REQUEST (Continuation Page)

A. REMEDIAL:

RSN shall complete the TDIF in accordance with AP-5.1Q for the North Ramp Geologic NRG-1 work and submit it to the Technical Database. This will be accomplished by September 7, 1993.

B. INVESTIGATIVE ACTIONS:

RSN will evaluate all data acquired as to its appropriateness for inclusion into the Technical Database. Upon completion of the investigation, the appropriate data shall be submitted to the Technical Database in accordance with AP-5.1Q. This investigative action shall be completed by September 30, 1993.

C. ROOT CAUSE DETERMINATION:

No response required.

D. CORRECTIVE ACTION TO PRECLUDE RECURRENCE:

A self-study shall be re-conducted with the understanding that the information supplied by the Survey Department is considered technical data, and must be transmitted to the Technical Database in accordance with AP-5.1Q. This self-study shall be completed by September 30, 1993.

Response Approved: WCK [Signature]

Responsible Manager

RL Schreiner

Date 8/24/93

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CORRECTIVE ACTION REQUEST (Continuation Page)

AMENDED RESPONSE

A. REMEDIAL:

RSN submitted the survey data for NRG-6 and the North Portal Mapping to the Technical Database in accordance with AP5.1Q. The Technical Database Manager, after discussion with DOE, informed RSN that they were redefining what technical data is and that the survey data would not be classified as technical data. With that information the Technical Database Manager requested that RSN not submit any more survey data pending a position statement from the Project Office.

No further action is required.

B. INVESTIGATIVE ACTIONS:

No response required.

C. ROOT CAUSE DETERMINATION:

No response required.

D. CORRECTIVE ACTION TO PRECLUDE RECURRENCE:

No response required.

Response Approved: _____

Rodolph J. Schuier
Responsible Manager

Date

10/14/93

Str. dt 10/14/93 - YMP:013:94

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CORRECTIVE ACTION REQUEST (Continuation Page)

**VERIFICATION OF CORRECTIVE ACTION REQUEST
(CAR) YM-93-077**

Verified that a Technical Data Information Form (TDIF) and the Technical Data Package for the Geologic Mapping of the Starter Tunnel (reference Job Package 92-20A, DCR #026A) Data Tracking Number (DIN) RA930900012614.001 were submitted to E. Ezra, the EG&G Technical Database Manager by letter, dated 9/2/93, YMP:186:93.

Discussions with the Technical Database Manager indicated that DOE has redefined what technical data is and that survey data would no longer be required to be submitted to the technical data base.

John R Matrox Date 10/21/93
Signature