



**Department of Energy**  
 Yucca Mountain Site Characterization  
 Project Office  
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WBS 1.2.9.3  
 QA

FEB 24 1992

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 Technical Project Officer  
 for Yucca Mountain  
 Site Characterization Project  
 Sandia National Laboratories  
 P.O. Box 5800  
 Organization 6310  
 Albuquerque, NM 87185

ISSUANCE OF CORRECTIVE ACTION REQUEST (CAR) YM-92-021 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION (YMQAD) AUDIT YMP-92-09 OF SANDIA NATIONAL LABORATORIES

Enclosed is CAR YM-92-021 generated as a result of YMQAD Audit YMP-92-09.

Please identify the corrective action to be taken and implemented to correct the deficiency. A CAR Continuation Sheet and instructions for completion have been provided. Send the original of your response to Nita J. Brogan, Science Applications International Corporation, Las Vegas, Nevada. Response to the CAR is due by March 13, 1992. Any extension to the due date must be requested in writing with appropriate justification prior to that date.

If you have any questions, please contact either Robert B. Constable at (702) 794-7945 or FTS 544-7945 or Neil D. Cox at (702) 794-7236 or FTS 544-7236.

*James Blaylock*  
 Richard E. Spence, Director  
 Yucca Mountain Quality Assurance Division

YMQAD:RBC-2128

Enclosure:  
 CAR YM-92-021

cc w/encl:

- \*K. R. Hooks, NRC, Washington, DC
- S. W. Zimmerman, NWPO, Carson City, NV
- R. R. Richards, SNL, 6319, Albuquerque, NM
- C. H. Prater, SAIC, Las Vegas, NV, 517/T-06
- C. L. Sellards, SAIC, Las Vegas, NV, 517/T-02
- N. J. Brogan, SAIC, Las Vegas, NV, 517/T-12

cc w/o encl:

- J. H. Hines, OOD, AL
- J. W. Gilray, NRC, Las Vegas, NV

*Add: K. R. Hooks  
 4 Encl  
 11*

*WM-11  
 DH03  
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 102.7*

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

8 CAR NO.: YM-92-021  
DATE: 2/14/92  
SHEET: 1 OF 1  
QA

**CORRECTIVE ACTION REQUEST**

1 Controlling Document Quality Assurance Requirements Document (QARD), Rev. 4	2 Related Report No. YMP-92-09
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3 Responsible Organization Sandia National Laboratories (SNL)	4 Discussed With R. R. Richards/ Jerry Letz
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5 Requirement:  
OCRWM QARD (RW-0214), Rev. 4, Section 2.4 requires Readiness Reviews be planned, conducted, and documented.

6 Adverse Condition:  
SNL DOP 2-9, Rev. A, paragraph 5.1 implements the planning requirement through the identification and maintenance of a list of preparedness reviews. Such a list does not now exist; furthermore, the requirement for this list of reviews is to be deleted by ICN #2 which becomes effective 2/14/92.

9 Does a significant condition adverse to quality exist? Yes ___ No <u>X</u> If Yes, Circle One: A B C	10 Does a stop work condition exist? Yes ___ No <u>X</u> ; if Yes - Attach copy of SWO If Yes, Circle One: A B C D	11 Response Due Date: <u>March 15, 1992</u>
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12 Required Actions:  Remedial  Extent of Deficiency  Preclude Recurrence  Root Cause Determination

13 Recommended Actions:

7 Initiator James Blaylock <i>James Blaylock</i> Date <u>2/14/92</u>	14 Issuance Approved by: QADD <i>James Blaylock</i> Date <u>2/14/92</u>
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15 Response Accepted QAR Date	16 Response Accepted QADD Date
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17 Amended Response Accepted QAR Date	18 Amended Response Accepted QADD Date
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19 Corrective Actions Verified QAR Date	20 Closure Approved by: QADD Date
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OFFICE OF CIVILIAN  
RADIOACTIVE WASTE MANAGEMENT  
U.S. DEPARTMENT OF ENERGY  
WASHINGTON, D.C.

CAR NO. \_\_\_\_\_  
DATE: \_\_\_\_\_  
PAGE: \_\_\_\_\_ OF \_\_\_\_\_  
QA

**CORRECTIVE ACTION REQUEST (Continuation Page)**

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**Format for Corrective Action Response**

**The CAR response shall include the following information:**

1. Corrective Action Response for CAR # \_\_\_\_\_
  - A. Remedial Action - Actions taken to correct specific deficiencies noted.  
(Required for all CARs)
  - B. Investigative Action - Actions taken to determine the extent of the condition.  
(Required for all significant conditions adverse to quality or any Condition Adverse to Quality if requested by OQA)
  - C. Root Cause Determination - Identification of the root cause of the condition.  
(Required for all significant conditions adverse to quality or any Condition Adverse to Quality if requested by OQA)
  - D. Corrective Action to Preclude Recurrence - Actions taken to address the root cause and preclude recurrence of the condition.  
(Required for all significant conditions adverse to quality or any Condition Adverse to Quality if requested by OQA)
2. For each action above, identify the name of the individual assigned responsibility for completion and the anticipated (or actual, if complete) completion date.
3. Response Approved: \_\_\_\_\_ Date: \_\_\_\_\_  
Responsible Manager