



Department of Energy

Nevada Operations Office
P. O. Box 98518
Las Vegas, NV 89193-8518
JUL 06 1989

WBS #1.2.9.3
"QA"

Carl P. Gertz, Project Manager, YMP, NV

ACCEPTANCE OF AMENDED RESPONSE TO STANDARD DEFICIENCY REPORT (SDR) 229,
REVISION 0, RESULTING FROM YUCCA MOUNTAIN PROJECT OFFICE (PROJECT OFFICE)
QUALITY ASSURANCE (QA) AUDIT 88-05 OF THE PROJECT OFFICE

The Project Office QA staff has evaluated and accepted your amended response to SDR 229, Revision 0, generated as a result of Project Office QA Audit 88-05 of the Project Office. The SDR will be closed after verification of satisfactory completion of the specified corrective action. A copy of the SDR is enclosed for your information.

Verification of completion of your corrective action will be performed after the effective dates that were provided. Any extension to these due dates must be requested in writing with appropriate justification prior to the due date. Please send copies of the extension request to Nita J. Brogan, Science Applications International Corporation, 101 Convention Center Drive, Las Vegas, Nevada 89109, and Ralph W. Gray, U.S. Department of Energy, P. O. Box 98518, Las Vegas, Nevada 89193.

If you have any questions, please contact Wendell B. Mansel of my staff at 794-7945, or John C. Friend of Science Applications International Corporation at 794-7164.

Edwin L. Wilmot, Acting Director
Quality Assurance Division
Yucca Mountain Project Office

YMP:WBM-4733

Enclosure:
SDR 229, Rev. 0

- cc w/encl:
- Ralph Stein, HQ (RW-30) FORS
- Dwight Shelor, HQ (RW-3) FORS
- J. C. Friend, SAIC, Las Vegas, NV, 517/T-06
- N. J. Brogan, SAIC, Las Vegas, NV, 517/T-12
- L. G. Scherr, SAIC, Las Vegas, NV, 517/T-06
- S. W. Zimmerman, NWPO, Carson City, NV
- J. E. Kennedy, NRC, Washington, DC

- cc w/o encl:
- J. H. Nelson, SAIC, Las Vegas, NV, 517/T-04
- G. P. Fehr, SAIC, Las Vegas, NV, 517/T-06
- R. J. Bahorich, W, Las Vegas, NV, 517/T-12
- J. W. Gilray, NRC, Las Vegas, NV

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WMPO STANDARD DEFICIENCY REPORT

N-QA-038
3/87

Completed by Originating QA Organization

1 Date Nov 7, 1988		2 Severity Level <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3		Page 1 of 2	
3 Discovered During Audit 88-05		3a Identified By J. E. Clark		3b Branch Chief Concurrence Date	
5 Organization YMP (Project Office)		6 Person(s) Contacted W. Glassley, E. Shaw, N. Voltura		4 SDR No. 229 Rev. 0	
7 Response Due Date is 20 Working Days from Date of Transmittal					
8 Requirement (Audit Checklist Reference, if Applicable) (Audit checklist item 3-9) SOP-02-01 Rev 1, ICN 5/9/86 Section 3A.6.1 states in part "Interfaces between scientific investigations, or between a scientific investigation and					
9 Deficiency Contrary to the above requirement, the YMP (Project Office) has not established procedures for coordinating interfaces among participants, except for design of the ESF.					
10 Recommended Action(s): <input checked="" type="checkbox"/> Remedial <input checked="" type="checkbox"/> Investigative <input checked="" type="checkbox"/> Corrective 1. Determine the impact of this procedural violation upon the scientific investigations completed and those in-process for the Yucca Mountain Project.					

Aprvl.

11 QAE/Lead Auditor Date J. C. Friend 11/14/88		12 Branch Manager Date H. H. Caldwell NOV 14 1988		13 Project Quality Mgr. Date James Blaylock 11/14/88	
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Completed by Organization in Block 5

14 Remedial/Investigative Action(s) The cited deficiency no longer exists. Since 15 Effective Date 2/17/89 original issuance of the SDR, fifteen Yucca Mountain Project quality related Administrative Procedures (APQs) have been approved and issued for implementation. These APQs address various interfaces relating to scientific investigations, change control and configuration management, information flow into the RIB, assignment of QA levels, readiness reviews, design, review, application of graded QA (continued)	
16 Cause of the Condition & Corrective Action to Prevent Recurrence The cause of this condition is attributed to the 17 Effective Date NA failure to identify, develop, and issue Yucca Mountain Project APQs in a timely manner. The evolution of the Yucca Mountain Project has matured greatly within the last year. As a result, the need for specific APQs have been identified, and these APQs have been developed and issued for implementation. As YMP activities increase and the need for future (continued)	
18 Signature Date Edwin L. Wilmot, Deputy Project Manager 3/3/89	

Comp. by Orig. QA Org.

19 Response <input type="checkbox"/> Accept <input checked="" type="checkbox"/> Amended Response <input type="checkbox"/> Reject		QAE/Lead Auditor/Date J. C. Friend 5/24/89		Branch Manager/Date H. H. Caldwell 27 May 89	
20 Amended Response <input checked="" type="checkbox"/> Accept <input type="checkbox"/> Reject		QAE/Lead Auditor/Date J. C. Friend 6/23/89		Branch Manager/Date H. H. Caldwell 22 Jun 89	
21 Verification <input type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory		QAE/Lead Auditor/Date		Branch Manager/Date	
22 Remarks					
23 QA CLOSURE		QAE/Lead Auditor/Date		Branch Manager/Date	
				PQM/Date	

ENCLOSURE



8 Requirement (continued)

any other project activity including design activities, shall be coordinated among participants in accordance with procedures established by WMPO.*

10 Recommended Actions (continued)

2. Determine the interface controls required for Project coordination of scientific investigations
3. Develop and implement procedures to effect the required coordination and control.
4. Provide training for Project Management and Participants management on the procedures developed.

(continuation)

14. ESF design control, identification of items important to safety and waste isolation, etc.

Investigative actions indicated that prior to the development of SCP Study Plans, scientific investigations were performed in accordance with approved scientific investigation plans which required the identification of interfaces and application of results. It is important to note that scientific data used in the licensing process will be either obtained in a controlled and demonstrable manner or qualified in accordance with applicable regulations and procedures. As a result, negative impacts have not been noted. No further remedial action is required.

16. interface controls are identified, additional APQs will be developed and implemented. Additionally, training has and will be provided to appropriate Yucca Mountain Project personnel for existing and future APQs, when warranted. In as much as programmatic development and maintenance is an ongoing process, an effective date is not appropriate.