



Department of Energy

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

WBS 1.2.9.3
QA

MAR 21 1990

10: J. Kennedy

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

ACCEPTANCE OF RESPONSE TO STANDARD DEFICIENCY REPORT (SDR) 444, REVISION 0,
RESULTING FROM YUCCA MOUNTAIN PROJECT OFFICE (PROJECT OFFICE) QUALITY
ASSURANCE (QA) AUDIT 89-03 OF SANDIA NATIONAL LABORATORIES (SNL)

The Project Office QA staff has evaluated and accepted your response to
SDR 444, Revision 0, generated as a result of Project Office QA Audit 89-03
of SNL. The SDR will be closed after verification of satisfactory completion
of the specified corrective actions. 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. Extensions to these due dates must
be requested in writing with appropriate justification prior to the due date.
Please send a copy of extension requests 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 either Catherine E. Hampton at
(702) 794-7973 or FTS 544-7973, or Amelia I. Arceo at (702) 794-7737 or
FTS 544-7737, both of the Yucca Mountain Project QA staff.

James Blaylock

Donald G. Horton, Director
Quality Assurance Division
Yucca Mountain Project Office

YMP:CEH-2417

Enclosure:
SDR 444, Revision 0

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FULL TEXT ASCII SCAN

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NH03 1/1*

YMPO STANDARD DEFICIENCY REPORT

N-QA-038
4/89

| | | | | | | |
|--|---|---|--|--|---|--|
| Completed by Originating QA Organization | 1 Date 9/22/89 | | 2 Severity Level <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 | | Page 1 of 2 | |
| | 3 Discovered During AUDIT 89-3 (SNL) | | 3a Identified By A. ARCEO | | 4 SDR No. 444 Rev. 0 | |
| | 5 Organization SNL | | 6 Person(s) Contacted T. O. HUNTER, E. WILMOT | | 7 Response Due Date is 20 Working Days from Date of Transmittal | |
| | 8 Requirement (Audit Checklist Reference, if Applicable) (CL# 1-1 & 1-3) NNWSI 88-9, Rev. 2, para. 1.0 states in part, "The organizational structure, lines of communication, authority and duties of persons and organizations" | | | | | |
| Completed by Organization in Block 5 | 9 Deficiency It was verified during the audit that the QA functions are performed by the QA Coordinator, and other QA personnel; however, the QA personnel are not managed by the QA Coordinator, since they report directly to the Technical Project | | | | | |
| | 10 Recommended Action(s): <input checked="" type="checkbox"/> Remedial <input type="checkbox"/> Investigative <input type="checkbox"/> Corrective Provide a Quality Organizational Chart delineating the reporting relationship of all QA personnel and revise procedures and QA program documents if | | | | | |
| | 11 QAE/Lead Auditor/Date <i>S. Jones 9/22/89</i> | | 12 Division Manager/Date <i>W. O. Hunter 9-22-89</i> | | 13 Project Quality Mgr./Date <i>James Blanford 9/22/89</i> | |
| Completed by Organization in Block 5 | 14 Remedial/Investigative Action(s) Some clarification is in order. SNL employees within the SNL YMP department are considered to be on the staff of the TPO for personnel actions and salary administration. However, the QA Coordinator, assigned as Task Leader for the QA Work Breakdown Structure element, is responsible for "managing" that WBS element and the staff assigned to it in all other areas (e.g., work assignments and (cont'd). | | | | | |
| | 15 Effective Date 11/30/89 | | | | | |
| | 16 Cause of the Condition & Corrective Action to Prevent Recurrence NA 17 Effective Date NA | | | | | |
| Completed by Org. QA Org. | 18 Signature/Date <i>Detton W. Bingham 11/1/89</i> T. O. Hunter, Dept. Manager 6310 * <i>W. O. Hunter 5/9/90</i> | | | | | |
| | 19 Response Accepted | QAE/Lead Auditor/Date <i>Amelia J. Jones 2/21/90</i> | Division Manager/Date <i>J. Clark 2/21/90</i> | Project Quality Mgr./Date <i>W. O. Hunter 2/21/90</i> | | |
| | 20 Corrective Action Verif. Satisfactory | QAE/Lead Auditor/Date | Division Manager/Date | Project Quality Mgr./Date | | |
| Comp. by Orig. QA Org. | 21 Remarks <i>Request amended Response 1/12/90 - YMP JB-1474</i> <i>Rec'd Amended Response, etc dtd 1/24/90 - LBS:6315:mb</i> <i>Request for extension of corrective action implementation completion date</i> <i>Letter Hunter to Bingham dated 1/11/90. Extension granted, letter YMP:KBC-1760.</i> <i>Accept Response 2/15/90. YMP:RBC-2265</i> <i>* Accepting revised response received 3/8/90.</i> | | | | | |
| | 22 QA CLOSURE | QAE/Lead Auditor/Date | Division Manager/Date | PQM/Date | | |

**YMPO STANDARD DEFICIENCY REPORT
CONTINUATION SHEET**

**N-QA-038
12/88**

SDR No. 444

Rev. 0

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8 Requirement (continued)

performing activities affecting quality shall be clearly established and delineated in writing."

Paragraph 2.1 of the same revision states in part, "The person responsible for directing and managing the overall NNWSI Project Participant QA program shall be identified and have appropriate organizational position, responsibilities, and authority to exercise proper control over the QA program."

Note: As interpreted by the Project Quality Assurance office the QA program includes the individuals directly performing functions of verifying adequacy and effectiveness of the SNL QA program requirements.

9 Deficiency (continued)

Officer. Furthermore, there was no QA Organizational Chart that delineates the reporting relationship between the QA Coordinator and QA personnel. It should be noted that during the audit there was no objective evidence found which would indicate that the above reporting relationship has had an adverse impact on the SNL QA program.

10 Recommended Actions (continued)

necessary.

14 Remedial/Investigative Action(s)(cont'd.)

reassignments, budget, planning, organizing the staff, providing direction, etc.). As contract monitor for the QA support services contract, the QA Coordinator has the same relationship with contractor employees performing QA functions. However, as is indicated in block 9, above, these relationships are not clearly delineated in writing. Therefore, SNL will issue a QA Advisory to all staff personnel to clarify any misunderstanding that may exist and will submit a request for Project Office approval of a revision to the SNL QAPP to clearly delineate the position, responsibilities, and authority that already exists. Responsible party: R. R. Richards.

Yucca Mountain Project Audit 89-03

Amended Response SDR 444

Add the following text for block 14, following, "... providing direction, etc.).": "As is the case for all Task Leaders, those staff personnel report to the QA Coordinator for activities within that WBS element." Also, add the following text at the end of block 14 after, "... that already exists," and before, "Responsible Party": Additionally, to provide appropriate authority to exercise proper control over the QA Program, the QA coordinator will perform performance appraisal for SNL QA personnel and provide that appraisal to the Director, Nuclear Waste Management and Transportation. This authority will be included in the revision to the QAPP mentioned above."

Change block 15 to read: "2-16-90."

Ltr dtd 1/24/90 - Hunter to Hoston

Amended Response SDR 444

Add the following to the text for block 14, at the end after, "...that already exists," and before, "Responsible Party": "Additionally, to provide appropriate authority to exercise proper control over the QA Program, the QA Coordinator will provide input on performance appraisal for SNL QA personnel. This authority will be included in the revision to the QAPP mentioned above.

Change block 15 to read: "1/31/90."

Ltr dtd 12/14/89 - Hunter to Hanton

February 27, 1990

Attachment

Revised Response - SDR 444

A separate Quality Assurance Division within the SNL Nuclear Waste Repository Technology Department has been established. The supervisor of this division reports to the Department Manager, who is the SNL Technical Project Officer, and as such reports to a management level higher than the line management personnel responsible for performing activities affecting quality. Additionally, the QA Division Supervisor manages and supervises the activities of QA staff personnel and contractor personnel within the division. As such, the QA Division Supervisor has appropriate organizational position, responsibilities, and authority to exercise proper control over the QA Program.

The action stated above is documented by means of an SNL Organization Change Notice dated February 8, 1990.

*Ltr dtd 2/28/90 - RRR:6319:mjh
Hunter to Hunter*

February 8, 1990

ORGANIZATION CHANGE NOTICE

Effective Feb. 1, Department 6310 is reorganized as follows:

| | | |
|-------|---|-------------------------|
| 6310 | Nuclear Waste Repository Technology Department | Thomas O. Hunter |
| 6310A | Performance Assessment Coordination Division (newly created) | Felton W. Bingham |
| 6311 | No change | |
| 6312 | System Performance Assessment Division (title change) | Thomas O. Hunter, actg. |
| 6313 | Performance Assessment Development Division (title change) | Thomas E. Blejwas |
| 6314 | Geomechanics Analysis and Testing Division (title change) | Larry S. Costin |
| 6315 | Geoscience Assessment and Validation Division (title change) | Les E. Shephard |
| 6316 | Technical Projects Division (title change) | Robert P. Sandoval |
| 6317 | No change | |
| 6318 | Administrative Support Division (newly created) | Thomas O. Hunter, actg. |
| 6319 | Quality Assurance Division (newly created) | Thomas O. Hunter, actg. |

Supervisory Appointments:

Effective July 1, 1989

K. David Nokes to Management Staff 400

Effective Jan. 1, 1990

Donald E. Gluvna to supervisor Test Assembly Section 5122-1

Effective Feb. 1, 1990

Paul J. Hommert to manager Geoenergy Technology Department 6250

Supervisory Lateral Transfers:

Effective Nov. 1, 1989

Barry Granoff from Fuel Science Division 6211 to Process Engineering and Prototyping
Division 2131

Effective Feb. 1, 1990

Joseph P. Abbin from ESD II and Computer Aids Development Division 2542 to B90 Mechanical
Division 5132

Richard K. Traeger from Geoenergy Technology Department 6250 to Geosciences Department
6230

Kenneth D. Bergeron from Containment Modeling Division 6429 to New Production Reactor
Engineering Development Division 6424 (newly created)

FEB 14 1990

Thomas O. Hunter

-2-

MAR 21 1990

cc w/encl:

Ralph Stein, HQ (RW-30) FORS

D. E. Shelor, HQ (RW-3) FORS

R. R. Richards, SNL, 6310, Albuquerque, NM

A. I. Arceo, 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. Hines, NWQA, AL

N. J. Brogan, SAIC, Las Vegas, NV, 517/T-08

C. H. Prater, SAIC, Las Vegas, NV, 517/T-06

J. W. Gilray, NRC, Las Vegas, NV