



Department of Energy

Nevada Operations Office
CENTERO, Box 14100
Las Vegas, NV 89114-4100

'86 FEB -7 P3:07

JAN 28 1986

T. O. Hunter
Technical Project Officer
Sandia National Laboratories
Organization 6310
P. O. Box 5800
Albuquerque, NM 87185

WASTE MANAGEMENT PROJECT OFFICE (WMPO) QUALITY ASSURANCE (QA) AUDIT 85-8 OF SANDIA NATIONAL LABORATORIES (SNL) (WMPO ACTION ITEM #86-557)

Reference SNL letter RRR:6310:MJH:1384R, T. O. Hunter to D. L. Vieth, dated January 13, 1986.

This letter is to acknowledge that your proposed corrective actions to audit findings (AFS) 858-1, 858-2, 858-3, 858-4, and 858-5 are considered satisfactory. WMPO also acknowledges your proposed corrective actions to observations no. 1, 2, 3, 4, 5 and 6 as satisfactory. Closing of the audit findings will be subject to the WMPO approval of the SNL proposed documentation and the WMPO verification of implementation of the corrective actions. When implementation has been achieved, please inform WMPO in order that verification may be accomplished.

If further information is required, please contact James Blaylock at FTS 575-1125.

Donald L. Vieth, Director
Waste Management Project Office

WMPO:JB-553

Enclosure:
Audit Finding Sheet

86100173

WM Record File
102.2

WM Project 11
Docket No. _____

PDR
LPDR

Distribution:
SBilham MDelligatti
JKennedy DLinehan DRM
(Return to WM-623-SS) DHedges Sac

B604180281 650128
PDR WASTE
WM-11 PDR

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WMPO AUDIT FINDING SHEET (AFS)

N-OA-024
6/85

(To be used for all AFSs with added sheets as required)

Audit Finding No 858-1 Audited Checklist Reference 6.A.

Audited Organization Sandia National Laboratories

Organization Unit Document Control Activity Document Control

Response Assigned To T. O. Hunter Reported By (Auditor) F. J. Ruth

Requirement (Cite) Procedure that described the control and issue of documents.

Finding A procedure was not in place which described how important documents relative to the Project were being controlled, how they were issued, and who would have current copies.

Approved By LA [Signature] 11/14/85 Response Due Date 30 days after receipt of report

Approved By WMPO/NV James Blaylock Date 11/15/85

Response (To be completed by audited organization.) _____

Implementation Date _____ Submitted By _____ Date _____

To be completed by lead auditor (LA) and reviewed by WMPO/NV

Corrective Action Response
 Satisfactory Unsatisfactory

Reviewed by LA/Date S. Singer 1/14/86

Reviewed by WMPO/NV/Date James Blaylock 1/14/86

Corrective Action Implementation
 Satisfactory Unsatisfactory

Reviewed by LA/Date _____

Reviewed by WMPO/NV/Date _____

Reaudit Date _____

Remarks QASC/WMPO personnel shall verify implementation when completed by SNL.

Audit Finding Closed LA Concurrence/Date _____

Reference and Number(s) for unsatisfactory reaudit _____



WMPO AUDIT FINDING SHEET (AFS)

N-OA-02
6/85

(To be used for all AFSs with added sheets as required)

Audit Finding No 858-2 Audited Checklist Reference XIII-3, Para. C Section 2.1 & 2.2

Audited Organization Sandia National Laboratories

Organization Unit Test Lab Activity Quality Assurance Coordinator

Response Assigned To T. O. Hunter Reported By (Auditor) S. Singer

Requirement (Cite) Calibration and Control, Reference EPI, Section XIII-3, Paragraph 2.1 and 2.2

Finding The calibration of two (2) balances, Ser. #3308072 and #3301752 used in testing laboratories could not be traced to the National Bureau of Standards (NBS) Records.

Approved By LA [Signature] 11/14/85 Response Due Date 30 days from receipt of report

Approved By WMPO/NV James Blylock Date 11/15/85

Response (To be completed by audited organization) _____

Implementation Date _____ Submitted By _____ Date _____

To be completed by lead auditor (LA) and reviewed by WMPO/NV

Corrective Action Response
 Satisfactory Unsatisfactory

Reviewed by LA/Date S. Singer 1/14/86

Reviewed by WMPO/NV/Date James Blylock 1/14/86

Corrective Action Implementation
 Satisfactory Unsatisfactory

Reviewed by LA/Date _____

Reviewed by WMPO/NV/Date _____

Reaudit Date _____

Remarks GASE/WMPO personnel shall verify implementation when completed by SNL

Audit Finding Closed LA Concurrence/Date _____

Reference and Number(s) for unsatisfactory reaudit _____



WMPO AUDIT FINDING SHEET (AFS)

N-0A-0
6/85

(To be used for all AFSs with added sheets as required)

Audit Finding No 858-3 Audited Checklist Reference EPI XVIII-1
Para. G-2
Section 3.4

Audited Organization Sandia National Laboratories

Organization Unit Quality Assurance Department Activity Quality Assurance Coordinator

Response Assigned To T. O. Hunter Reported By (Auditor) S. Singer

Requirement (Cite) EPI XVIII-1, Section 3.4, paragraph G-2 and 3.

Finding The FY 85 SNL QA audit schedule listed 13 NNWSI Project external audits and 18 internal audits. Only one (1) of the external audits scheduled was performed and none (0) of the internal audits were performed during FY 85.

Approved By LA *[Signature]* 11/14/85 Response Due Date 30 days after receipt of report

Approved By WMPO/NV *[Signature]* Date 11/15/85

Response (To be completed by audited organization) _____

Implementation Date _____ Submitted By _____ Date _____

To be completed by lead auditor (LA) and reviewed by WMPO/NV

Corrective Action Response
 Satisfactory Unsatisfactory

Reviewed by LA/Date *[Signature]* 1/14/86

Reviewed by WMPO/NV/Date *[Signature]* 1/14/86

Corrective Action Implementation
 Satisfactory Unsatisfactory

Reviewed by LA/Date _____

Reviewed by WMPO/NV/Date _____

Reaudit Date _____

Remarks *[Handwritten note]*

Audit Finding Closed LA Concurrence/Date _____

Reference and Number(s) for unsatisfactory reaudit _____



WMPO AUDIT FINDING SHEET (AFS)

N-QA-01
6/85

(To be used for all AFSs with added sheets as required)

Audit Finding No 85B-4 Audited Checklist Reference 85-8-1 par. 1B-4

Audited Organization Sandia National Laboratories

Organization Unit Quality Assurance Activity Quality Assurance Coordinator

Response Assigned To T. O. Hunter Reported By (Auditor) A. E. Cocoros

Requirement (Cite) NNWSI QAP NVO-196-17, Par. 1.8 "Quality Assurance personnel across the entire Project shall have sufficient authority to stop unsatisfactory work."

Finding Although the SNL QAPP (par. 1) authorizes the QA Coordinator to stop work, there is no method or procedure identified as to how the action is to be carried out.

Approved By LA [Signature] 11/14/85 Response Due Date 30 days after receipt of report

Approved By WMPO/NV James Blaylock Date 11/15/85

Response (To be completed by audited organization) _____

Implementation Date _____ Submitted By _____ Date _____

To be completed by lead auditor (LA) and reviewed by WMPO/NV

Corrective Action Response
 Satisfactory Unsatisfactory

Reviewed by LA/Date S. Stenger 1/14/86

Reviewed by WMPO/NV/Date James Blaylock 1/14/86

Corrective Action Implementation
 Satisfactory Unsatisfactory

Reviewed by LA/Date _____

Reviewed by WMPO/NV/Date _____

Reaudit Date _____

Remarks Case/WMPO personnel shall verify implementation when completed by SNL.

Audit Finding Closed LA Concurrence/Date _____

Reference and Number(s) for unsatisfactory reaudit _____



WMPO AUDIT FINDING SHEET (AFS)

N-0A-02
6/85

(To be used for all AFSs with added sheets as required)

Audit Finding No 858-5 Audited Checklist Reference 85-8-2

Audited Organization Sandia National Laboratories

Organization Unit Project Division Activity Design

Response Assigned To T. O. Hunter Reported By (Auditor) E. H. Oakes

Requirement (Cite) NNWSI-SOP-02-01, Rev. 0, Sections 2.2.3.1 and 2.2.3.2 - Indoc-
trination and training of personnel performing work on the NNWSI Project that affects
quality and the documentation of this indoctrination and training.

Finding There are no formal procedures at SNL to indoctrinate and train geologists
that are under contract to SNL to perform work on the NNWSI Project.

Approved By LA [Signature] 11/14/85 Response Due Date 30 days aft
receipt of repo

Approved By WMPO/NV [Signature] Date 11/15/85

Response (To be completed by audited organization) _____

Implementation Date _____ Submitted By _____ Date _____

To be completed by lead auditor (LA) and reviewed by WMPO/NV

Corrective Action Response
 Satisfactory Unsatisfactory

Reviewed by LA/Date [Signature] 1/14/86

Corrective Action Implementation
 Satisfactory Unsatisfactory

Reviewed by WMPO/NV/Date [Signature] 1/14/86

Reviewed by LA/Date _____

Reviewed by WMPO/NV/Date _____

Reaudit Date _____

Remarks QA/QC/WMPO personnel shall verify implementation
when completed by SNL.

Audit Finding Closed LA Concurrence/Date _____

Reference and Number(s) for unsatisfactory reaudit _____

JAN 28 1986

T. O. Hunter

-2-

cc w/encl.:

D. C. Newton, DOE/HQ (RW-23) FORS
V. J. Cassella, DOE/HQ (RW-22) FORS
R. T. Coleman, DOE/HQ (RW-23) FORS
S. J. Guidice, QED, DOE/AL
A. L. Gonzales, MSD, DOE/AL
S. R. Bilhorn, NRC/Washington D. C. 
R. R. Richards, SNL, Albuquerque, NM
E. W. Sulek, Weston, Rockville, MD
A. E. Cocoros, SAIC, Las Vegas, NV
S. B. Singer, SAIC, Las Vegas, NV
D. E. Sternberg, SAIC, Las Vegas, NV
H. F. Cothran, SAIC, Oak Ridge, TN
E. H. Oakes, SAIC, Reno, NV
V. F. Witherill, NTSO, Mercury, NV
A. R. Veloso, NTSO, Mercury, NV
J. R. Rinaldi, QAD, DOE/NV
R. W. Gray, MED, DOE/NV
James Blaylock, WMPO, DOE/NV