



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

APR 12 1996

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Technical Project Officer
For Yucca Mountain Site
Characterization Project
TRW Environmental Safety Systems, Inc.
Bank of America Center, Suite P-110
101 Convention Center Drive
Las Vegas, NV 89109

VERIFICATION OF CORRECTIVE ACTIONS AND CLOSURE OF DEFICIENCY
REPORTS (DR) YMQAD-96-D005 AND YMQAD-96-D006 AND PERFORMANCE
REPORT (PR) YMQAD-96-P001 RESULTING FROM OFFICE OF QUALITY
ASSURANCE (OQA) SUPPLIER AUDIT OQA-SA-95-003 OF DUBOSE NATIONAL
ENERGY SERVICES (SCPB: N/A)

The Yucca Mountain Quality Assurance Division (YMQAD) staff
has verified the corrective actions to DRs YMQAD-96-D005,
YMQAD-96-D006 and PR YMQAD-96-P001 and determined the results
to be satisfactory. As a result, the DRs and PR are considered
closed.

If you have any questions, please contact either Robert B.
Constable at (702) 794-7945 or Woody W. Hudson at (702) 295-9184.

Robert B Constable

Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

YMQAD:RBC-1564

Enclosure:
DRs YMQAD-96-D005, YMQAD-96-D006
and PR YMQAD-96-P001

cc w/encl:
T. A. Wood, HQ (RW-14) FORS
J. G. Spraul, NRC, Washington, DC
S. W. Zimmerman, NWPO, Carson City, NV
R. L. Strickler, M&O, Vienna, VA
R. P. Ruth, M&O, Las Vegas, NV
Records Processing Center

cc w/o encl:
W. L. Belke, NRC, Las Vegas, NV
W. W. Hudson, YMQAD/QATSS, Las Vegas, NV
D. G. Sult, YMQAD/QATSS, Las Vegas, NV

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

8 Performance Report
 Deficiency Report
NO. YMQAD-96-D005
PAGE 1 OF 2
QA: L

PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document: Quality System Program, Revision 4, July 1, 1995	2 Related Report No. OQA-SA-95-003
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3 Responsible Organization: DuBose National Energy Services, Inc. (DNES)	4 Discussed With: James Dailey, DNES Quality Assurance Manager
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5 Requirement/Measurement Criteria:
The DNES Quality System Program, Paragraph 5.3.3.1, states, in part, a red hold tag is attached to all material that has an NCR issued against it. Materials that have a hold tag applied shall be placed within practical limitations in a segregated area.

Paragraph 5.4.4, " The QA Manager shall review NCR/CARs every six months to identify any repetitive conditions or trends "

6 Description of Condition:
Contrary to the above requirements, segregated areas did not exhibit controlled conditions (i.e., material was not always tagged, tags incomplete, disposition of NCR incorrect, tags could not be read, barriers not established and NCR logs incomplete). Additionally, the QA Manager has failed to review NCRs/CARs for repetitive conditions or trends for the past six months.

7 Initiator Woody W. Hudson Date 10/16/95	9 QA Review OAR [Signature] Date 10/18/95
10 Response Due Date 20 working days from issuance	11 QA Issuance Approval OAR (PR)/AOQAM (DR) [Signature] Date 10/23/95

12 Remedial Actions:
Investigate corrective action program to determine if corrective actions are completed in a timely manner and all CARs are captured in the trend program.

13 Remedial Action Response By: see attached response Date	14 Remedial Action Due Date: see attached response Date
15 Remedial Action Response Acceptance OAR [Signature] Date 11/30/95	16 PR Verification/Closure OAR N/A Date

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DR NO. YMQAD-96-D005
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QA: L

DEFICIENCY REPORT

17 Recommended Actions:

Investigate the nonconformance program to determine compliance, and verify all NCRs are being captured in the trend program.

18 Investigative Actions:

19 Root Cause Determination:

20 Action to Preclude Recurrence:

21 Response by:

See attached response
Date

22 Corrective Action Completion Due Date:

See attached response

23 Response Accepted

QAR *W.W. [Signature]* Date 1/17/96

24 Response Accepted

AOQAM *Blonstable* for Date 1.19.96

25 Amended Response Accepted

QAR Date

26 Amended Response Accepted

AOQAM Date

27 Corrective Actions Verified

QAR *Daniel [Signature]* Date 4/8/96

28 Closure Approved by:

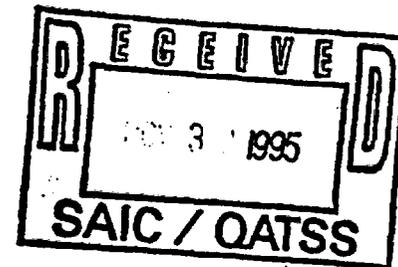
AOQAM *Blonstable* for Date 4.11.96

DuBose
National Energy Services, Inc.

Bob Armstrong

November 21, 1995

Kiewit/Parsons Brinkerhoff
 Bank of America Center, Mail Stop 457
 101 Convention Center Drive
 Las Vegas, NV 89109



Subject: Audit #OQA-SA-95-003

Dear Sir;

This response is being provided to resolve the deficiencies from your audit of DuBose National Energy Services, Inc.

Finding # 1: Hold areas contained material which was not identified.

Response: The material in the hold area has been reviewed. The material which was not identified was dispositioned earlier and should have been removed from the hold area. This material was dispositioned as scrap & has now been moved.

Finding #2: There was no evidence to verify that Corrective Actions Reports were closed to the 1993 and 1994 Management audits.

Response: The CAR's were closed and documented in the CAR log. A letter to the President of DNES has been written to document that the finding have all been closed.

Finding #3: Carbon steel, Stainless steel and galvanized steel were stored in bay A2N contrary to material storage requirements.

Response: The material in bay A2N has been cleaned-up and the stainless material move to a location where it is segregated from carbon steel material.

Please review and accept the above responses.

Sincerely,

James N. Dailey
 James N. Dailey
 QA Manager

NOV 28 2 26 PM '95

DuBose
National Energy Services, Inc.

March 13, 1995

To: Carl Rogers

Subject: NCR-Cause and Corrective Action

Dear Sir;

During the 3rd and 4th quarters 1994, 498 receivers were issued for material at our facility, 339 directs were shipped, 1707 C of C were worked, 1061 test were performed in the lab, and 107 NCR's were written. Forty three of the NCR's were as audit findings to vendors, and 64 are performance related. The NCR's written as audit findings are in various stages of dispositioning. The other NCR's were written against 34 Vendors with no adverse trends being noted.

During this time frame the only CAR's were issued against DuBose as Management audit findings. All have been corrected and are on your desk for review.

The NCR's did not indicate any trend or break down in the affected QA programs.

With this report our QA program appears to be effectively implemented at this time.

VERIFICATION STATEMENT FOR DR YMOAD-96-D005

A review of the Nonconformance Hold Area revealed that all nonconforming items were dispositioned, area was clearly identified and roped off. A review of the trend reports for the 4th quarter, 1995 and 1st quarter, 1996, was performed by the Dubose QA Manager to include nonconforming items.

Daniel Klimas
Daniel A. Klimas

4/8/96
Date

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

8 Performance Report
 Deficiency Report
NO. YMQAD-96-D006
PAGE 1 OF 2
QA: L

PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document: Quality System Program, Revision 4, July 1, 1995
2 Related Report No. OQA-SA-95-003

3 Responsible Organization: DuBose National Energy Services, Inc. (DNES)
4 Discussed With: James Dailey, DNES Quality Assurance Manager

5 Requirement/Measurement Criteria:
The DNES Quality System Program, Paragraph 5.4.2.1, states, "The QA Manager shall review the cause and corrective actions to be taken along with the scheduled completion date, and, if acceptable, shall sign and date the CAR."

6 Description of Condition:
Contrary to the above requirement, there was no objective evidence that the corrective action responses for CARs from the 1993 and 1994 management audits were reviewed, closed or trended. A total of 15 findings remained open.

7 Initiator: *Woody W. Hudson* Date: *10/16/95*
9 QA Review: *Don Plummer* Date: *11/18/95*
10 Response Due Date: 20 working days from issuance
11 QA Issuance Approval: *Robert C. Covatta* Date: *10/23/95*

12 Remedial Actions:

13 Remedial Action Response By: *See attached response* Date: *11/30/95*
14 Remedial Action Due Date: *See attached response*
15 Remedial Action Response Acceptance: *Woody W. Hudson* Date: *11/30/95*
16 PR Verification/Closure: *N/A* Date: *N/A*

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U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.**

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DR NO. YMQAD-96-D006
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QA: L

DEFICIENCY REPORT

17 Recommended Actions:
Investigate corrective action program to determine if corrective actions are completed in a timely manner and all CARs are captured in the trend program.

18 Investigative Actions:

19 Root Cause Determination:

20 Action to Preclude Recurrence:

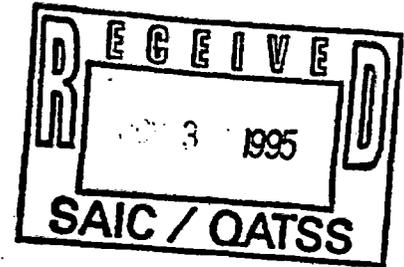
21 Response by: <i>See attached response</i> Date	22 Corrective Action Completion Due Date: <i>See attached response</i>
23 Response Accepted QAR <i>[Signature]</i> Date <i>1/17/96</i>	24 Response Accepted AOQAM <i>[Signature]</i> Date <i>1-19-96</i>
25 Amended Response Accepted QAR Date	26 Amended Response Accepted AOQAM Date
27 Corrective Actions Verified QAR <i>[Signature]</i> Date <i>4/8/96</i>	28 Closure Approved by: AOQAM <i>[Signature]</i> Date <i>4.11.96</i>

DuBose
National Energy Services, Inc.

Bob Armstrong

November 21, 1995

Kiewit/Parsons Brinkerhoff
 Bank of America Center, Mail Stop 457
 101 Convention Center Drive
 Las Vegas, NV 89109



Subject: Audit #OQA-SA-95-003

Dear Sir;

This response is being provided to resolve the deficiencies from your audit of DuBose National Energy Services, Inc.

Finding # 1: Hold areas contained material which was not identified.

Response: The material in the hold area has been reviewed. The material which was not identified was dispositioned earlier and should have been removed from the hold area. This material was dispositioned as scrap & has now been moved.

Finding #2: There was no evidence to verify that Corrective Actions Reports were closed to the 1993 and 1994 Management audits.

Response: The CAR's were closed and documented in the CAR log. A letter to the President of DNES has been written to document that the finding have all been closed.

Finding #3: Carbon steel, Stainless steel and galvanized steel were stored in bay A2N contrary to material storage requirements.

Response: The material in bay A2N has been cleaned-up and the stainless material move to a location where it is segregated from carbon steel material.

Please review and accept the above responses.

Sincerely,

James N. Dailey
 James N. Dailey
 QA Manager

NOV 28 2 26 PM '95

**DuBose
National Energy Services, Inc.**

July 7, 1995

To: Carl Rogers

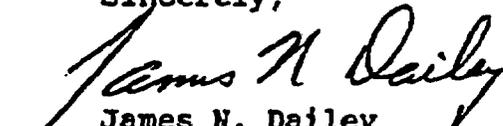
Subject: Management Audit Corrective Actions

Dear Sir;

As discovered in the audit by Department of Energy, there was nothing in the file to document closure of the 1993 and 1994 management audits.

The Corrective actions from these audits has been reviewed and all are completed. There were 9 CAR's issued in 1994 and 17 in 1993. With this letter the Management Audits for 1993 and 1994 are considered closed.

Sincerely,



James N. Dailey
QA Manager

VERIFICATION STATEMENT FOR DR YMOAD-96-D006

Corrective action responses from the 1993 and 1994 management audits were closed and documented in the Corrective Action Log. A review of the 4th Quarter, 1995 and 1st Quarter, 1996 Trend Reports revealed all CARS have been closed and trended.

Daniel Klimas

Daniel A. Klimas

5/8/96

Date

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

8 Performance Report
 Deficiency Report
NO. YMQAD-96-P001
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QA: L

PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document:
DuBose National Energy Services, Inc. (DNES) Quality Assurance Manual (QAM)

2 Related Report No.
OQA-SA-95-003

3 Responsible Organization:
M&O TRW/DNES

4 Discussed With:
James Dailey, DNES Quality Assurance Manager

5 Requirement/Measurement Criteria:
DNES QAM, Section 3, Paragraph 3.3.1.2 states, "Stainless steel materials shall be stored indoors and segregated from carbon steel materials."

6 Description of Condition:
Contrary to the above requirement, in Bay A2N, it was observed that pallets of stainless steel, carbon steel and galvanized metal sheets were intermixed.

7 Initiator
Paul A. Hinojosa
Date *10/16/95*

9 QA Review
OAR *David H. Hines* Date *10/18/95*

10 Response Due Date:
20 WORKING DAYS FROM ISSUANCE

11 QA Issuance/Approval
OAR (PRI)/AQUAM (DRI) *Paul A. Hinojosa* Date *10/8/95*

12 Remedial Actions:

13 Remedial Action Response By:
See attached Response Date

14 Remedial Action Due Date
See attached response Date

15 Remedial Action Response Acceptance
OAR *Paul A. Hinojosa* Date *11/7/96*

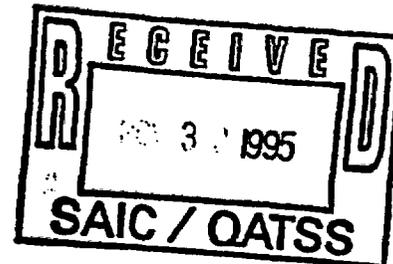
16 PR Verification/Closure
OAR *David H. Hines* Date *4/8/96*

DuBose
National Energy Services, Inc.

Bob ARMSTRONG

November 21, 1995

Kiewit/Parsons Brinkerhoff
 Bank of America Center, Mail Stop 457
 101 Convention Center Drive
 Las Vegas, NV 89109



Subject: Audit #OQA-SA-95-003

Dear Sir;

This response is being provided to resolve the deficiencies from your audit of DuBose National Energy Services, Inc.

Finding # 1: Hold areas contained material which was not identified.

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Response: The CAR's were closed and documented in the CAR log. A letter to the President of DNES has been written to document that the finding have all been closed.

Finding #3: Carbon steel, Stainless steel and galvanized steel were stored in bay A2N contrary to material storage requirements.

Response: The material in bay A2N has been cleaned-up and the stainless material move to a location where it is segregated from carbon steel material.

Please review and accept the above responses.

Sincerely,

James N. Dailey
 James N. Dailey
 QA Manager

NOV 28 2 26 PM '95

VERIFICATION STATEMENT FOR PR YMOAD-96-P001

Observation of the Bay A2N revealed that the stainless steel, carbon steel and galvanized metal sheets were segregated and neatly stacked. Other Bay areas were also observed to the *be* *OK* *4/8/96* segregated, stacked neatly and arranged in an orderly fashion.

Daniel A Klimas
Daniel A. Klimas

4/8/96
Date