



Department of Energy

Washington, DC 20585

AUG 16 1993

Mr. Charles J. Haughney  
Chief, Source Containment  
and Devices Branch  
Division of Industrial and Medical  
Nuclear Safety  
Office of Nuclear Material Safety  
and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Dear Mr. Haughney:

Enclosed for your information is a letter dated August 9, 1993, from Mr. Donald G. Horton, Director, Office of Quality Assurance, of the U.S. Department of Energy (DOE) Office of Civilian Radioactive Waste Management (OCRWM), which notified Mr. George J. Vames, Project Manager, High Level Waste Programs, of Babcock & Wilcox (B&W) Fuel Company, that DOE intends to conduct an OCRWM quality assurance audit of the B&W facilities during August 30-September 3, 1993.

Observers accompanying the audit team may include the DOE, State of Nevada, U.S. Nuclear Regulatory Commission, and other interested parties.

If you have any questions, please contact Sharon Skuchko of my office at (202) 586-4590.

Sincerely,

Dwight E. Shelor  
Associate Director for  
Systems and Compliance  
Office of Civilian Radioactive  
Waste Management

Enclosure: as stated

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PDR WASTE  
WM-11 PDR

ADD: Ken Hooks

Ltr Encl.

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ce w/Enclosure:

C. Gertz, YMPO

T. J. Hickey, Nevada Legislative Committee

R. Loux, State of Nevada

D. Bechtel, Las Vegas, NV

Eureka County, NV

Lander County, Battle Mountain, NV

P. Niedzielski-Eichner, Nye County, NV

W. Offutt, Nye County, NV

L. Bradshaw, Nye County, NV

C. Schank, Churchill County, NV

F. Mariani, White Pine County, NV

V. Poe, Mineral County, NV

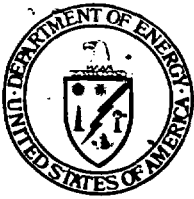
J. Pitts, Lincoln County, NV

J. Hayes, Esmeralda County, NV

B. Mettam, Inyo County, CA

K. Hooks, NRC

R. Chappell, NRC



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AUG 9 1993

Mr. George J. Vames  
Project Manager, High Level Waste Programs  
3315 Old Forest Road  
Lynchburg, VA 24506-0935

Office of Civilian Radioactive Waste Management (OCRWM) Quality Assurance  
(QA) Audit HQ-93-07 of B&W Fuel Company

Dear Mr. Vames:

Please be advised that a team from OCRWM, Office of Quality Assurance (OQA), will conduct a QA audit of the B&W Fuel Company QA Program during the period August 30 - September 3, 1993. The audit will evaluate the B&W QA Program and implementing procedures from an adequacy, compliance, and effectiveness standpoint in accordance with the enclosed Audit Plan.

Current plans for the audit team include the conduct of a preaudit meeting on Monday, August 30, 1993 beginning at 3:00 p.m., at B&W facilities in Lynchburg, VA. Please arrange for the appropriate personnel to attend the meeting. The postaudit meeting is tentatively scheduled for 9:00 on Friday, September 3, 1993.

Observers representing the Department of Energy, State of Nevada, U.S. Nuclear Regulatory Commission, and other interested parties may also be accompanying the team. You will be notified of these observers prior to the audit.

If you have any questions, please contact Robert Clark at (202) 586-1238 or Marlin Horseman at (703) 841-0043.

Donald G. Horton, Director  
Office of Quality Assurance

Enclosure

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## cc:

L. Barrett, RW-1  
F. Peters, RW-2  
R. Clark, RW-3.1  
T. Johnson, RW-3.1  
D. Spence, RW-3.2  
W. Lake, RW-431  
J. Saltzman, RW-5  
S. Rousso, RW-10  
S. Brocoum, RW-22  
D. Shelor, RW-30  
R. Milner, RW-40  
R. Minning, RW-53  
L. Wagner, QATSS-VA  
S. Zimmerman, Carson City, NV  
R. Loux, Carson City, NV  
C. Schank, Churchill Co., NV  
J. Bingham, Clark Co., NV  
D. Betchel, Clark Co., NV  
E. von Teisenhausen, Clark Co., NV  
J. Hayes, Esmeralda Co., NV  
L. Fiorenzi, Eureka Co., NV  
B. Mettam, Inyo Co.  
R. Michener, Inyo Co.  
G. Derby, Lander Co.  
J. Pitts, Lincoln Co.  
M. Baughman, Lincoln Co.  
V. Poe, Mineral Co.  
L. Bradshaw, Nye Co.  
P. Niedzielski-Eichner, Nye Co.  
K. Hooks, NRC  
F. Sperry, White Pine Co.  
W. Mings, DOE-ID  
T. Rodgers, QATSS-LV  
R. Robertson, TRW

7/16/93

**AUDIT PLAN  
AUDIT NUMBER: HQ-93-07  
AUDIT OF B&W FUEL COMPANY**

An audit of B&W will be conducted the week of August 30-September 3, 1993 at B&W Fuel Company facilities in Lynchburg, Virginia.

The audit will be conducted by:

<u>NAME</u>	<u>ORGANIZATION</u>	<u>TEAM</u>
Marlin L. Horseman	CER/QATSS	Audit Team Leader
F. Hugh Lentz	CER/QATSS	Lead Auditor in Training
Thomas R. Swift	CER/QATSS	Auditor
Robert L. Holliday	SAIC/QATSS	Auditor
Ray Hahn	Roy F. Weston	Technical Specialist

Observers from the State of Nevada, U.S. Nuclear Regulatory Commission, and other interested parties will be invited to participate.

**AUDIT SCOPE**

The audit scope will include activities related to the BR-100 rail and barge cask development under contract number DE-AC07-88ID12701.

**QA PROGRAM ELEMENTS**

The B&W Fuel Company QA program will be evaluated against the requirements in B&W Quality Assurance Manual for High Level Waste Programs to determine the adequacy of the program. The implementation compliance of the B&W Fuel Company QA program for the following elements will be evaluated.

- 1 - Organization
- 2 - Quality Assurance Program
- 3 - Design Control
- 4 - Procurement Document Control
- 5 - Instructions, Procedures, Plans, and Drawings
- 6 - Document Control
- 7 - Control of Purchased Items and Services
- 15 - Control of Nonconforming Items
- 16 - Corrective Action
- 17 - Quality Assurance Records
- 18 - Audits
- 19 - Computer Software

AUDIT 93079307AUD.PLN

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The auditable requirements will initially be drawn from QAP 56-1173003-05, July 1992, *BR-100 Cask System Quality Assurance Plan*, and BW-56-1168014-3, *Quality Assurance Program for High Level Waste Programs*.

Additional documents that might be identified during the audit will be added to the audit base when necessary to evaluate adequacy or compliance or both.

#### TECHNICAL AREAS

Technical adequacy of the process used will be reviewed in the areas of design, testing, and certification.

#### PRELIMINARY AUDIT SCHEDULE

Preaudit Meeting	August 30th	3:00 pm
Conduct of Audit	Aug 30-Sep 2	8:30 am - 3:30 pm
Postaudit Meeting	September 3rd	9:00 am
Daily Team Caucus		3:30 pm
Daily Summary to B&W		8:30 am
Fuel Company Management		

#### CHECKLIST/MARKED-UP PROCEDURES

The audit will be conducted using Audit Checklist HQ-93-07.

Prepared by: Marlin L. Horseman  
Marlin L. Horseman, CER Corporation  
Audit Team Leader

Date: 7-16-93

Approved by: Donald G. Horton  
Donald G. Horton, Director  
Office of Quality Assurance

Date: 8/9/93