



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

MAY 03 1994

Mr. Dwight E. Shelor, Associate Director  
for Systems and Compliance  
Office of Civilian Radioactive Waste Management  
U. S. Department of Energy  
1000 Independence Avenue, SW  
Washington, DC 20585

Dear Mr. Shelor:

SUBJECT: OBSERVATION AUDIT OF RAYTHEON SERVICES NEVADA

I am transmitting the U.S. Nuclear Regulatory Commission Observation Audit Report 94-02 for the U.S. Department of Energy (DOE), Office of Civilian Radioactive Waste Management, Office of Quality Assurance, Yucca Mountain Quality Assurance Division (YMQAD) audit of the Raytheon Services Nevada (RSN) quality assurance (QA) program. The audit, YMP-94-03, was conducted from January 24-28, 1994, at the RSN offices in Las Vegas, Nevada, and at the Nevada Test Site in Mercury, Nevada. The audit evaluated the adequacy of the RSN QA program in all applicable programmatic areas. Technical areas were not audited. This was the first YMQAD audit of an organization whose QA program has been accepted by YMQAD as meeting the requirements of DOE's revised QA program guide, "Quality Assurance Requirements and Description," (QARD) DOE/RW-0333P, Revision 0. A State of Nevada representative was an observer at this audit.

The NRC staff evaluated the YMQAD audit to gain confidence that YMQAD and RSN are properly implementing the requirements of their QA programs. The NRC staff based its evaluation of the YMQAD audit process and the RSN QA program on direct observations of the auditors; discussions with audit team, RSN and contractor personnel; and reviews of the audit plan, the audit checklists, and other pertinent documents.

The NRC staff has determined that YMQAD Audit YMP-94-03 was useful and effective. The audit was organized and conducted in a thorough and professional manner. Audit team members were independent of the activities they audited. The audit team was well qualified in the QA discipline, and its assignments and checklist items were adequately described in the audit plan.

The NRC staff agrees with the preliminary YMQAD audit team finding that implementation of the RSN QA program is adequate and is in accordance with DOE's QARD. Two preliminary Corrective Action Requests (CARs) were discussed by the YMQAD audit team at the post-audit meeting and were later issued as CARs. Other potential CARs were acceptably resolved by the RSN organization during the audit. The preliminary CARs identified by the YMQAD audit team are not significant in terms of the overall RSN QA program.

YMQAD should continue to closely monitor implementation of the RSN QA program to ensure that the deficiencies identified during this audit are corrected in

9405120241 940503  
PDR WASTE  
WM-11 PDR

102.7

Mr. Dwight E. Shelor

2

a timely manner and that future QA program implementation is effective. The NRC staff expects to participate in this monitoring as observers and may perform its own independent audits at a later date to assess RSN implementation of its QA program.

A written response to this letter or the enclosed report is not required. If you have any questions, please call Pauline Brooks of my staff on (301) 504-3465.

Sincerely,

Original Signed by Kenneth R. Hooks

for

Joseph J. Holonich, Chief  
High-Level Waste and Uranium  
Recovery Projects Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards

Enclosure: As stated

- cc: R. Loux, State of Nevada
- T. J. Hickey, Nevada Legislative Committee
- J. Meder, Nevada Legislative Counsel Bureau
- R. Nelson, YMPO
- M. Murphy, Nye County, NV
- M. Baughman, Lincoln County, NV
- D. Bechtel, Clark County, NV
- D. Weigel, GAO
- P. Niedzielski-Eichner, Nye County, NV
- B. Mettam, Inyo County, CA
- V. Poe, Mineral County, NV
- F. Mariani, White Pine County, NV
- R. Williams, Lander County, NV
- L. Fiorenzi, Eureka County, NV
- J. Hoffman, Esmeralda County, NV
- C. Schank, Churchill County, NV
- L. Bradshaw, Nye County, NV

DISTRIBUTION

CNWRA	NMSS R/F	HLPD R/F	LSS
LPDR	ACNW	PDR	CENTRAL FILE
MRKnapp, DWM	JTGreeves, DWM	EShelburne, LSSA	
On-Site Reps	WLBelke, HLUR	JGSpraul, HLUR	KHooks, HLUR

OFC	HLUR	E <del>HLUR</del>	E <del>HLUR</del>	E <del>HLUR</del>				
NAME	PPBrooks/dh	RLJohnson	JHolonich					
DATE	04/05/94	04/27/94	05/03/94					

C = COVER      E = COVER & ENCLOSURE      N = NO COPY

s:\RSN.PPB

OFFICIAL RECORD COPY