

MEMORANDUM FOR: J. J. Linehan, Director  
Repository Licensing and Quality Assurance  
Project Directorate  
Division of High-Level Waste Management

MAY 31 1989

THRU: James E. Kennedy, Section Leader  
Repository Licensing and Quality Assurance  
Project Directorate  
Division of High-Level Waste Management

FROM: K. R. Hooks, Sr. Quality Assurance Engineer  
Repository Licensing and Quality Assurance  
Project Directorate  
Division of High-Level Waste Management

SUBJECT: STATE OF NEVADA OBSERVATIONS OF DOE AUDITS

I have reviewed the State of Nevada observations of seven DOE audits contained in S. W. Zimmerman's various memoranda. All but one of these observations were identified in the NRC Observation Audit Reports for the DOE audits, although in some instances the State of Nevada drew conclusions which are not explicitly stated in the NRC reports.

I believe that when DOE has resolved the specific NRC observations and DOE preliminary findings/deficiencies listed in the NRC Observation Audit Reports, they will have resolved the State of Nevada observations. No special action by the NRC to resolve the State of Nevada observations appears to be required.

The attached table lists the DOE audits, summary statements of the State of Nevada observations, and whether a similar NRC observation or DOE preliminary finding or deficiency was recorded in the NRC report on the audit.

**ORIGINAL SIGNED BY**

Kenneth R. Hooks, Sr. Quality Assurance Engineer  
Repository Licensing and Quality Assurance  
Project Directorate  
Division of High-Level Waste Management

Attachment: as stated

- cc: B. Thomas  
W. Belke  
J. Conway  
T. Verma  
J. Holonich  
J. Kennedy

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<u>AUDIT</u>	<u>STATE OF NEVADA OBSERVATIONS</u>	<u>SIMILAR NRC OBSERVATION/DOE DEFICIENCY</u>
1. F&S, 2/88	Technical auditor lacked back-ground related to F&S activities	Yes
	Inadequate implementation of F&S QA program	Not explicitly
	Inadequate/no position descriptions	Yes
	F&S training program inadequate	Yes
	Procurement activities uncontrolled	Yes
2. USGS, 4/88	Inadequate preparation by auditors	Yes
	Too little time spent on audit	Yes
	Inadequate audit team meetings/coordination	Yes
	Generally inadequate audit	Yes
3. USGS, 6/88	Inadequate implementation of USGS QA program	Yes
	Poor attitude by USGS personnel concerning QA	Not explicitly
4. SNL, 7/88	Inadequate preparation/training for technical auditors	Not explicitly
	Inadequate followup by auditors on possible deficiencies	Yes
	SNL QA program not in compliance with latest requirements	Identified in report, but not as observation or deviation
	Inadequate QA level classification of SNL work	Yes

<u>AUDIT</u>	<u>STATE OF NEVADA OBSERVATIONS</u>	<u>SIMILAR NRC OBSERVATION/DOE DEFICIENCY</u>
5. LANL, 10/88	Inadequate preparation by auditors	Yes
	Inadequate control of audit by team leader	Yes
	LANL personnel (LATA) unfamiliar with QA program	Yes
	LANL QA training program inadequate	Yes
	Inadequate/no position descriptions	Yes
	Inadequate corrective action system	Yes
	Inadequate implementation of LANL QA program	Yes
6. LLNL, 10/88	Poor attitude by LANL personnel concerning QA	No
	LLNL QA program not in compliance with latest requirements	Yes
	LLNL QA training program inadequate	Yes
	Inadequate QA level classification of LLNL work	Yes
	Inadequate understanding of QA levels by LLNL personnel	Not explicitly
7. F&S, 11/88	Poor attitude by LLNL personnel concerning QA	Not explicitly
	Insufficient technical auditors	Yes
	Inappropriate scheduling of audit	Yes
	Inadequate implementation of design control by F&S	Yes