



# Department of Energy

Washington, DC 20585

APR 28 1989

Mr. John J. Linehan, Director  
Repository Licensing and Quality Assurance  
Directorate  
Division of High-Level Waste Management  
Nuclear Materials Safety and Safeguards  
Division  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Mr. Linehan:

At the July 7, 1988, meeting between the Department of Energy (DOE) and the Nuclear Regulatory Commission (NRC) on Quality Assurance (QA), the DOE committed (QA-G-2) to provide the NRC with reports on the corrective actions taken regarding NRC observations of the Los Alamos National Laboratory (LANL) QA program and status of the implementation and verification of these actions.

Enclosed is a copy of the Yucca Mountain Project Office (YMP) QA Surveillance Report YMP-SR-89-009 conducted at LANL on February 28, 1989. This report is the fifth in a series of monthly reports that update LANL implementation and verification of corrective actions taken to close out the NRC deficiencies and findings from the June 8, 1988, mini-audit. The first and third reports were sent to you on December 29, 1988, and March 3, 1989, respectively; and the second and fourth were sent on April 14, 1989.

Both the NRC-cited deficiencies and the Los Alamos corrective actions necessary to resolve the deficiencies are stated in the Los Alamos Corrective Action Reports (CARs), and are contained as enclosures to the Surveillance Reports. The surveillance report contains the status of implementation and verification of corrective actions for each CAR by identifying the items verified as closed, and the items remaining open. Twelve of the original seventeen CARs generated as a result of the NRC-cited deficiencies remain open.

If you or your staff have any questions, please feel free to call me on 586-6046 or Gordon Appel on 586-1462.

Sincerely,

*Ralph Stein*

Ralph Stein, Associate Director for  
Systems Integration and Regulations  
Office of Civilian Radioactive  
Waste Management

Enclosures

cc:

J. Kennedy, NRC

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## Department of Energy

Nevada Operations Office

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APR 04 1989

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"QA"

QA RECEIVED

APR 05 1989

Ralph Stein, Associate Director, Systems Integration and Regulations,  
HQ (FW-30) FORS

RESPONSE TO ACTION ITEMS RESULTING FROM THE JULY 7, 1988, TECHNICAL MEETING  
WITH THE U.S. NUCLEAR REGULATORY COMMISSION (NRC) CONCERNING QUALITY  
ASSURANCE (QA)

Reference: Letter, Stein to Gertz, dtd. 7/27/88

The subject meeting resulted in the closure of many action items, and in agreement on a common list of open items. Action Item 29 from Enclosure B of the referenced meeting summary requested that the Yucca Mountain Project Office (Project Office) "provide R. Stein with the identification of corrective actions taken regarding the NRC audit observations of the Los Alamos National Laboratory (Los Alamos) QA program and a monthly status of the implementation and verification of these items."

The Project Office conducted a QA Surveillance (YMP-SR-89-009) at the Los Alamos offices in Los Alamos, New Mexico, on February 28, 1989. The purpose of this surveillance was to verify Los Alamos implementation of corrective actions necessary to close the deficiencies identified in the June 8, 1987, NRC Mini-Audit. The surveillance report (YMP-SR-89-009) is the fifth in a series of monthly reports that contain the status of implementation and verification of corrective actions remaining open. This report and its enclosures are not included with this letter, but Lake H. Barrett is included on distribution for the report.

Both the NRC-cited deficiencies and the Los Alamos corrective actions necessary to resolve the deficiencies are stated in the Los Alamos Corrective Action Reports (CARs), which are contained as attachments to Project Office Surveillance Reports YMP-SR-88-014 and YMP-SR-88-018. Project Office Surveillance Report YMP-SR-89-005 contains copies of revisions of the original CARs. The surveillance team was unable to complete verification of corrective action close out of any of the open CARs.

The surveillance team partially verified portions of CARs No. 024, 026 and 028. This documentation is included in Enclosure A of the report. Twelve of the original seventeen CARs generated as a result of the NRC-cited deficiencies remain open. CAR No. 040 is being revised by Los Alamos to reflect new corrective action. Because of delays, Los Alamos has rescheduled completion of corrective action of the remaining open CARs for March 31, 1989.

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Ralph Stein

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If you have any questions, please contact Wendell B. Mansel of my staff at FTS 544-7945 or (702) 794-7945, or John R. Doyle of Technical and Management Support Services at FTS 794-7190 or (702) 794-7190.



Carl P. Gertz, Project Manager  
Yucca Mountain Project Office

YMP:WBM-2924

cc:

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