

LOUX LETTER

- 1 -

JUL 14 1989

Mr. Robert R. Loux, Executive Director
 Agency for Nuclear Projects
 Nuclear Waste Project Office
 Capital Complex
 Carson City, Nevada 89710

Dear Mr. Loux:

On June 28, 1988, the State of Nevada formally transmitted the State of Nevada Agency for Nuclear Projects/Nuclear Waste Project Office Quality Assurance Manual (NWPO QA Manual), Revision 0, dated June 10, 1988, for U. S. Nuclear Regulatory Commission (NRC) staff review. As a result of the NRC staff review, 32 comments were generated and transmitted to the State of Nevada on November 25, 1988. The NRC staff's comments were subsequently discussed and satisfactorily resolved between representatives of the State of Nevada and NRC staff at meetings in Rockville, Maryland, on February 22, 1989, and May 10, 1989.

The NWPO QA Manual consists of four sections which include the Statement of Quality Assurance Policy, Quality Assurance Program, Quality Assurance Procedures, and a Glossary of Definitions. The purpose of the NWPO QA Manual is to govern activities by or for the State of Nevada Agency for Nuclear Projects/Nuclear Waste Project Office in connection with the U. S. Department of Energy's (DOE's) characterization of the Yucca Mountain site, Nevada, as a potential repository for high-level nuclear waste. The specific purpose of the State of Nevada activities will be to investigate the potential impact of the repository on the health, safety, and environment of the residents of the State of Nevada.

The criteria for our review were 10 CFR Part 60, Subpart G and various staff guidance documents and consensus standards. These included the "NRC Review Plan: Quality Assurance Programs for Site Characterization of High Level Nuclear Waste Repositories" (Revision 0); NRC staff technical positions "Peer Review for High Level Nuclear Waste Repositories" (NUREG-1297) and "Documentation of Computer Codes for High-Level Waste Management" (NUREG-0856); ANSI/ASME NQA-1-1986; and Regulatory Guide 1.28 (endorses ANSI/ASME NQA-1-1983).

It should be noted, however, that the NRC staff does not intend to perform inspections, audits, or observation audits for the implementation of the NWPO QA Manual. Our review was limited to determining whether the NWPO QA Manual contains adequate requirements and controls to address the appropriate criteria of Appendix B to 10 CFR Part 50 and thus serve as the framework to develop specific policies, plans, and procedures to implement the NWPO QA Manual commensurate with the type of activities the State of Nevada will be conducting. The NRC staff review of the State's QA procedures does not imply any staff opinion on the adequacy of the implementation of the Nevada QA program. In summation, the NRC staff supports the State of Nevada's proposal to develop a QA Manual that is consistent with 10 CFR Part 60.

8907200210 890714
 PDR WASTE
 WM-11 PDC

WM-11
 102.7
 NH16

We would request the State of Nevada to provide the NRC staff with a controlled copy of the revised NWPO QA Manual which incorporates the resolutions to the NRC staff comments as discussed at the February 22, 1989, and May 10, 1989 meetings.

Accordingly, the NRC staff finds the June 10, 1988, Revision 0, NWPO QA Manual, as modified by the changes agreed to by NRC and State of Nevada staff during February 22, and May 10, 1989 meetings, acceptable and consistent with our regulations as applicable to the type of activities to be conducted by the State of Nevada. Should you have any questions on our review, please contact Bill Belke of my staff on (301)492-0445.

Sincerely,

ORIGINAL SIGNED BY

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

Enclosure: "NRC Acceptance Evaluation"

cc: S. Zimmerman, State of Nevada

DISTRIBUTION:

Central File	B. J. Youngblood	R. E. Browning	J. Bunting
LSS	J. Linehan	R. Ballard	On-Site Reps
CNWRA	NMSS R/F	HLPD R/F	B. Belke
LPDR	ACNW	PDR	J. Kennedy
J. Conway	K. Hooks	T. Verma	C. Cameron
B. Bordenick	B. Thomas	<i>F. Combs</i>	

OFC :HLPD <i>[initials]</i>	:HLPD <i>[initials]</i>	:OG <i>[initials]</i>	:HLPD <i>[initials]</i>	:	:
NAME:BBelke/mac	:JKennedy <i>[initials]</i>	:CCameron <i>[initials]</i>	:JLinehan:	:	:
DATE:07/6/89	:07/6/89	:07/11/89	:07/ /89:	:	:



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

JUL 14 1989

Mr. Robert R. Loux, Executive Director
Agency for Nuclear Projects
Nuclear Waste Project Office
Capital Complex
Carson City, Nevada 89710

Dear Mr. Loux:

On June 28, 1988, the State of Nevada formally transmitted the State of Nevada Agency for Nuclear Projects/Nuclear Waste Project Office Quality Assurance Manual (NWPO QA Manual), Revision 0, dated June 10, 1988, for U. S. Nuclear Regulatory Commission (NRC) staff review. As a result of the NRC staff review, 32 comments were generated and transmitted to the State of Nevada on November 25, 1988. The NRC staff's comments were subsequently discussed and satisfactorily resolved between representatives of the State of Nevada and NRC staff at meetings in Rockville, Maryland, on February 22, 1989, and May 10, 1989.

The NWPO QA Manual consists of four sections which include the Statement of Quality Assurance Policy, Quality Assurance Program, Quality Assurance Procedures, and a Glossary of Definitions. The purpose of the NWPO QA Manual is to govern activities by or for the State of Nevada Agency for Nuclear Projects/Nuclear Waste Project Office in connection with the U. S. Department of Energy's (DOE's) characterization of the Yucca Mountain site, Nevada, as a potential repository for high-level nuclear waste. The specific purpose of the State of Nevada activities will be to investigate the potential impact of the repository on the health, safety, and environment of the residents of the State of Nevada.

The criteria for our review were 10 CFR Part 60, Subpart G and various staff guidance documents and consensus standards. These included the "NRC Review Plan: Quality Assurance Programs for Site Characterization of High Level Nuclear Waste Repositories" (Revision 0); NRC staff technical positions "Peer Review for High Level Nuclear Waste Repositories" (NUREG-1297) and "Documentation of Computer Codes for High-Level Waste Management" (NUREG-0856); ANSI/ASME NQA-1-1986; and Regulatory Guide 1.28 (endorses ANSI/ASME NQA-1-1983).

It should be noted, however, that the NRC staff does not intend to perform inspections, audits, or observation audits for the implementation of the NWPO QA Manual. Our review was limited to determining whether the NWPO QA Manual contains adequate requirements and controls to address the appropriate criteria of Appendix B to 10 CFR Part 50 and thus serve as the framework to develop specific policies, plans, and procedures to implement the NWPO QA Manual commensurate with the type of activities the State of Nevada will be conducting. The NRC staff review of the State's QA procedures does not imply any staff opinion on the adequacy of the implementation of the Nevada QA program. In summation, the NRC staff supports the State of Nevada's proposal to develop a QA Manual that is consistent with 10 CFR Part 60.

Mr. Robert R. Loux

- 2 -

We would request the State of Nevada to provide the NRC staff with a controlled copy of the revised NWPO QA Manual which incorporates the resolutions to the NRC staff comments as discussed at the February 22, 1989, and May 10, 1989 meetings.

Accordingly, the NRC staff finds the June 10, 1988, Revision 0, NWPO QA Manual, as modified by the changes agreed to by NRC and State of Nevada staff during February 22, and May 10, 1989 meetings, acceptable and consistent with our regulations as applicable to the type of activities to be conducted by the State of Nevada. Should you have any questions on our review, please contact Bill Belke of my staff on (301)492-0445.

Sincerely,



for John J. Linahan, Director
Repository Licensing and Quality
Assurance Project Directorate
Division of High-Level Waste Management

Enclosure: "NRC Acceptance Evaluation"

cc: S. Zimmerman, State of Nevada