



Department of Energy
Office of Civilian Radioactive Waste Management
Yucca Mountain Site Characterization Office
P.O. Box 98608
Las Vegas, NV 89193-8608

OCT 31 1994

Ronald A. Milner, Acting Director, Program Management and
Integration, HQ (RW-30) FORS

**TRANSMITTAL OF THE LAWRENCE LIVERMORE NATIONAL LABORATORY
(LLNL) QUALITY ASSURANCE REQUIREMENTS AND DESCRIPTION (QARD)
IMPLEMENTATION MATRIX FOR DOE/RW-0333P, REVISION 1, AND
ASSOCIATED INFORMATION (SCPB: N/A)**

Please transmit the enclosed copy of the LLNL QARD Implementation
Matrix for DOE/RW-0333P, Revision 1, and associated information,
to the U.S. Nuclear Regulatory Commission.

Enclosed for your information, is the LLNL Quality Procedure
033-YM-QP-1.0, Revision 4, "Organization;" QARD Implementation
Matrix defining all QARD requirements that apply to the LLNL
scope of work; a matrix report of areas "Not Applicable" to the
LLNL Quality Assurance Program; and the LLNL Policy Statement.
The policy statement, dated September 26, 1994, is an integral
part of the LLNL Quality Assurance Procedures Manual for the
Yucca Mountain Site Characterization Project. This documentation
defines LLNL's compliance with the QARD DOE/RW-0333P, Revision 1.

The U.S. Department of Energy baseline acceptance of the LLNL
program was effective September 9, 1994. The following QARD
sections are applicable to LLNL as defined in the assigned work
scope:

Criterion 1, 2, 4, 5, 6, 7, 12, 13, 15, 16, 17, and 18
Supplement I, Supplement II, and Supplement III.

The enclosed Requirements Traceability Network (RTN) Requirements
Matrix Report (007) indicates each QARD requirement and its
implementation by LLNL. In addition, the degree of applicability
for the above noted sections is indicated in the enclosed RTN
Matrix Report (040) which lists the specific QARD requirements
that are Not Applicable to the LLNL scope of work. LLNL has
taken no exceptions to the QARD.

The Office of Quality Assurance acceptance status of future
updates will be indicated on the RTN database.

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Ronald A. Milner

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If you have any questions regarding this transmittal, please contact either Catherine E. Hampton at (702) 794-7973 or Stephen D. Harris at (702) 794-7840.

Catherine Hampton for
Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

YMQAD:CEH-478

Enclosures:

1. LLNL Policy Statement
Dated 9/6/94
2. LLNL Organization Procedure
033-YMP-QP-1.0, Revision 4
3. RTN Requirements Matrix Report (007)
4. RTN Requirements Matrix
Non-Applicability Report (040)

cc w/o encl:

C. E. Einberg, HQ, (RW-30) FORS
~~W. E. Spence~~, NRC, Washington, DC
R. E. Monks, LLNL, Livermore, CA