



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

JUL 05 1994

Dwight E. Shelor, Associate Director, Systems and Compliance,
HQ (RW-30) FORS

TRANSMITTAL OF THE U.S. GEOLOGICAL SURVEY (USGS) QUALITY
ASSURANCE REQUIREMENTS AND DESCRIPTION (QARD) IMPLEMENTATION
MATRIX FOR DOE/RW-0333P, REVISION 0, AND ASSOCIATED INFORMATION
(SCPB: N/A)

Please transmit the enclosed copy of the USGS QARD Implementation
matrix for DOE/RW-0333P, Revision 0, and associated information,
to the U.S. Nuclear Regulatory Commission.

Enclosed for your information is the USGS Quality Management
Procedure 1.01, Revision 5, "Organization;" QARD Implementation
Matrix defining all QARD requirements that apply to the USGS
scope of work; a matrix report of areas "Not Applicable" to the
USGS Quality Assurance Program; and the USGS Policy Statement.
The policy statement, dated July 12, 1993, is an integral part
of the USGS Quality Assurance Procedures Manual for the Yucca
Mountain Site Characterization Office. This documentation
defines USGS's compliance with the QARD DOE/RW-0333P, Revision 0.

The DOE baseline acceptance of the USGS program was effective
May 11, 1994. The following QARD sections are applicable to USGS
as defined in the assigned work scope:

Criterion 1, 2, 4, 5, 6, 7, 12, 16, 17, 18 Supplements I,
II, and III, and Appendix C

The enclosed Requirements Traceability Network (RTN) Requirements
Matrix Report (No. 007) indicates each QARD requirement and its
implementation by USGS. In addition, the degree of applicability
for the above-noted sections is indicated in the enclosed RTN
Matrix Report (No. 040) which lists the specific QARD
requirements that are Not Applicable (N/A) to the USGS scope of
work. One proposed exception to the QARD, Section 12.2.1C :2s,
has been approved for one-time only calibration of nonretrievable
or unserviceable instrumentation used in downhole or permanently
encased situations.

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

If you have any questions regarding this transmittal, please contact either Catherine E. Hampton at (702) 794-7973 or Stephen D. Harris at (702) 794-7365.



Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

YMQAD:CEH-3699

Enclosures:

1. USGS Policy Statement,
dated July 12, 1993
2. USGS Organization
Procedure QMP 1.01,
Revision 5
3. RTN Requirements
Matrix Report (No. 007)
4. RTN Requirements Matrix
Non-Applicability
Report (No. 040)

cc w/encls:

- S. L. Skuchko, HQ (RW-30) FORS
- W. L. Belke, NRC, Washington, DC
- T. H. Chaney, USGS, Denver, CO