



# Department of Energy

Washington, DC 20585

QA: L

SEP 24 1997

L. D. Foust, Technical Project Officer  
for Yucca Mountain Site  
Characterization Project  
TRW Environmental Safety Systems, Inc.  
1180 Town Center Drive, M/S 423  
Las Vegas, NV 89134

**OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT (OCRWM)  
QUALITY ASSURANCE (QA) AUDIT SNL-ARC-97-24 OF THE CIVILIAN  
RADIOACTIVE WASTE MANAGEMENT SYSTEM MANAGEMENT AND  
OPERATING CONTRACTOR'S SUPPORT OF THE YUCCA MOUNTAIN SITE  
CHARACTERIZATION PROJECT AT SANDIA NATIONAL LABORATORIES (SNL)**

Enclosed is the report of OCRWM QA Audit SNL-ARC-97-24. The audit was conducted by the Office of Quality Assurance (OQA) at the SNL in Albuquerque, New Mexico, during the period of August 18-22, 1997.

During the course of the audit, the audit team generated three OCRWM Deficiency Reports (DR). The DRs address deficiencies identified in the implementation of software configuration management; incomplete implementation of software requirements; and lack of an implementing procedure for electronic management of data.

The audit is considered completed and closed as of the date of this letter, however, the open DRs will continue to be tracked until they have been closed to the satisfaction of the QA representative and the Director, OQA.

If you have any questions, please contact either James Blaylock at (702) 794-1420 or Stephen D. Harris at (702) 794-5522.

*R.W. Cep*  
for Donald G. Horton, Director  
Office of Quality Assurance

OQA: JB-2316

Enclosure:  
Audit Report SNL-ARC-97-24

*Recup: miss / PAHL*



*NH33  
WM-11  
107.9*

010012



Printed with soy ink on recycled paper

9710010306 970924  
PDR WASTE  
WM-11 PDR

SEP 24 1997

L. D. Foust

-2-

cc w/encl:

L. H. Barrett, DOE/HQ (RW-1) FORS  
R. A. Milner, DOE/HQ (RW-2) FORS  
J. O. Thoma, NRC, Washington, DC  
W. L. Belke, NRC, Las Vegas, NV  
R. R. Loux, NWPO, Carson City, NV  
S. W. Zimmerman, NWPO, Carson City, NV  
Jim Regan, Churchill County, Fallon, NV  
D. A. Bechtel, Clark County, Las Vegas, NV  
Susan Dudley, Esmeralda County, Goldfield, NV  
Sandy Green, Eureka County, Eureka, NV  
Tammy Manzini, Lander County, Austin, NV  
Kim Packard, Mineral County, Hawthorne, NV  
P. A. Niedzielski-Eichner, Nye County, Chantilly, VA  
L. W. Bradshaw, Nye County, Tonopah, NV  
Wayne Cameron, White Pine County, Ely, NV  
B. R. Mettam, County of Inyo, Independence, CA  
Mifflin & Associates, Las Vegas, NV  
T. J. Chaney, USGS, Denver, CO  
J. F. Graff, OQA/SNL, Albuquerque, NM  
Andrew Orrell, M&O/SNL, Las Vegas, NV  
M. J. Clevenger, M&O/LANL, Los Alamos, NM  
D. C. Mangold, M&O/LBNL, Berkeley, CA  
R. E. Monks, M&O/LLNL, Livermore, CA  
F. J. Schelling, M&O/SNL, Albuquerque, NM, M/S 1325  
L. R. Hayes, M&O, Las Vegas, NV  
H. R. Cox, M&O, Las Vegas, NV  
R. W. Clark, DOE/OQA, Las Vegas, NV