



Department of Energy

Washington, DC 20585

MAR 28 1997

QA: L

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

ISSUANCE OF SURVEILLANCE RECORD LLNL-SR-97-016 RESULTING FROM THE OFFICE OF QUALITY ASSURANCE (OQA) SURVEILLANCE OF THE LAWRENCE LIVERMORE NATIONAL LABORATORY (LLNL)

Enclosed is the record of Surveillance LLNL-SR-97-016 conducted by the OQA of the LLNL in Livermore, California, on March 10 through 12, 1997. The purpose of the surveillance was to assess the implementation of the Office of Civilian Radioactive Waste Management and LLNL Quality Assurance procedures as they relate to the processing and transfer of technical data to the technical database.

The surveillance team determined that process controls implemented by LLNL were adequate and effective. No deficiencies were identified as a result of this surveillance. One recommendation regarding use of the term, "preliminary data" was generated. This surveillance is considered completed and closed as of the date of this letter.

If you have any questions, please contact either James Blaylock at (702) 794-1420 or Patrick V. Auer at (702) 794-1432.

Donald G. Horton, Director
Office of Quality Assurance

OQA:JB-1264

Enclosure:
Surveillance Record LLNL-SR-97-016

NH33

WM-11
102.7

Recip: NMSS/HLUR

9704070288 970328
PDR WASTE
WM-11 PDR



Printed with soy ink on recycled paper

cc w/encl:

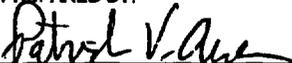
L. H. Barrett, DOE/HQ (RW-1) FORS
T. A. Wood, DOE/HQ (RW-55) FORS
J. O. Thoma, NRC, Washington, DC
W. L. Belke, NRC, Las Vegas, NV
R. R. Loux, NWPO, Carson City, NV
Jim Regan, Churchill County, Fallon, NV
D. A. Bechtel, Clark County, Las Vegas, NV
Susan Dudley, Esmeralda County, Goldfield, NV
Sandy Green, Eureka County, Eureka, NV
Tammy Manzini, Lander County, Austin, NV
V. E. Poe, Mineral County, Hawthorne, NV
Wayne Cameron, White Pine County, Ely, NV
B. R. Mettam, County of Inyo, Independence, CA
Mifflin and Associates, Las Vegas, NV
R. E. Monks, M&O/LLNL, Livermore, CA
W. L. Clarke, M&O/LLNL, Livermore, CA
L. R. Hayes, M&O, Las Vegas, NV
S. J. Bodnar, M&O, Las Vegas, NV
R. E. Powe, OQA/QATSS, Las Vegas, NV
R. W. Clark, DOE/OQA, Las Vegas, NV
Records Processing Center

**OFFICE OF CIVILIAN
RADIOACTIVE WASTE MANAGEMENT
U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.**

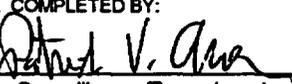
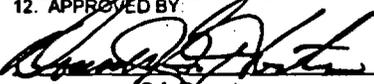
Surveillance No. LLNL-SR-97-016

QUALITY ASSURANCE SURVEILLANCE RECORD

SURVEILLANCE DATA

1. ORGANIZATION/LOCATION: Lawrence Livermore National Laboratory (LLNL)	2. SUBJECT: Transfer of technical data to the Technical Database	3. DATE: March 4, 1997
4. SURVEILLANCE OBJECTIVE: Assess the implementation of the Office of Civilian Radioactive Waste Management (OCRWM) and LLNL Quality Assurance (QA) procedures as they relate to the processing and transfer of technical data to the technical database.		
5. SURVEILLANCE SCOPE: Review documentation and interview personnel for activities related to implementation of OCRWM and LLNL QA procedures for review, processing, and transfer of technical data by LLNL.		6. SURVEILLANCE TEAM: Patrick V. Auer Additional Team Members: N/A
7. PREPARED BY:  Surveillance Team Leader	8. CONCURRENCE: _____ Director, OQA	_____ Date

SURVEILLANCE RESULTS

9. BASIS OF EVALUATION/DESCRIPTION OF OBSERVATIONS: On March 10 through 12, a surveillance was conducted at LLNL in Livermore, California, to assess the implementation of OCRWM and LLNL QA procedures as they relate to the processing and transfer of technical data to the technical database. The data packages reviewed during this surveillance originated at LLNL, Pacific Northwest National Laboratory (PNNL), and Argonne National Laboratory (ANL). Implementation of QA programs at PNNL and ANL were beyond the scope of this surveillance, therefore, qualification status of data submitted by these organizations was not determined. The following Data Tracking Numbers (DTN) were chosen as a sample to conduct the surveillance: See Page(s) <u>2</u>	
10. SURVEILLANCE CONCLUSIONS: Based on document reviews and personnel interviews, it has been determined that the overall effectiveness and adequacy of the technical data processing and transfer system is in accordance with OCRWM and LLNL QA procedures and is considered satisfactory. One recommendation was generated as a result of this surveillance. See Page <u>2</u>	
11. COMPLETED BY:  Surveillance Team Leader	12. APPROVED BY:  QA Director
_____ Date	_____ Date

Block 9 (continued) BASIS FOR EVALUATION/DESCRIPTION OF OBSERVATIONS:

DTN

ORIGINATING ORGANIZATION

LL950205651021.006	PNNL
LL951107251021.014	PNNL
LL951107351021.015	PNNL
LL961210151021.027	LLNL
LL960810604244.016	LLNL
LL960810704244.017	LLNL
LL961107951021.021	PNNL
LL961108050121.022	PNNL
LL961108151021.023	ANL
LL961108251021.024	ANL
LL961108351021.025	PNNL
LL970103804243.009	LLNL

All data packages reviewed were identified as qualified data. The data packages were reviewed in accordance with LLNL procedure 033-YMP-QP 3.6, "Collection, Review, and Submittal of Technical Data." Technical reviews were performed by the Technical Area Leader with comments documented on the Technical Review Record for the Yucca Mountain Site Characterization Project (YMP) Technical Data Submittal. Technical data was submitted in the form of scientific notebooks and data associated with or included in publications (milestone reports). Technical Data Information Forms were completed for each of the DTNs reviewed in accordance with YAP-SIII.3Q, "Processing of Technical Data on the Yucca Mountain Site Characterization Project."

Personnel contacted during the course of the surveillance:

W. L. Clarke, Laboratory Lead, M&O/LLNL, Livermore, CA
R. E. Monks, QA Manager, M&O/LLNL, Livermore, CA
R. B. Stout, Technical Area Leader, LLNL, Livermore, CA
M. L. Stewart, Technical Data Coordinator, LLNL, Livermore, CA
B. A. Bryan, YMP Project Administrator, LLNL, Livermore, CA
R. L. Howard, Office of Product Integrity, M&O, Las Vegas, NV
James Blaylock, DOE/OQA Las Vegas, NV
S. J. Bodnar, Technical Data Manager, M&O, Las Vegas, NV

Block 10 (Continued) SURVEILLANCE CONCLUSIONS:

The following recommendation is for management consideration and does not require any formal response:

Recommendation 1

It is recommended that the term "preliminary data" not be used to describe work in process data which has been through appropriate technical and quality reviews.