



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

WBS 9.1.2  
QA

**JUN 14 1994**

Daniel L. Koss  
Technical Project Officer  
for Yucca Mountain  
Site Characterization Project  
Reynolds Electrical & Engineering Co., Inc.  
P.O. Box 98521  
Las Vegas, NV 89193-8521

ISSUANCE OF SURVEILLANCE RECORD YMP-SR-94-024 RESULTING FROM  
YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION (YMQAD) SURVEILLANCE OF  
REYNOLDS ELECTRICAL & ENGINEERING CO., INC. (REECO)  
(SCP: N/A)

Enclosed is the record of Surveillance YMP-SR-94-024 conducted by  
the YMQAD at the REECO facilities in Las Vegas and Mercury,  
Nevada, on May 19, 1994.

The purpose of the surveillance was to verify procurement  
activities for Measuring and Test Equipment Capitol Equipment  
were in accordance with approved procedures.

No Corrective Action Requests were issued as a result of this  
surveillance.

This surveillance is considered completed and closed as of the  
date of this letter. A response to this surveillance record and  
any documented recommendations is not required.

If you have any questions, please contact either Robert B.  
Constable at 794-7945 or Steven P. Nolan at 794-7731.

Richard E. Spence, Director  
Yucca Mountain Quality Assurance Division

YMQAD:RBC-3880

Enclosure:  
Surveillance Record YMP-SR-94-024

210003

YMP-5

9406210333 940614  
PDR WASTE  
WM-11 PDR

102.7  
WM-11  
NH03

JUN 14 1994

Daniel L. Koss

-2-

cc w/encl:

D. A. Dreyfus, HQ (RW-1) FORS  
R. W. Clark, HQ (RW-3.1) FORS  
J. W. Gilray, NRC, Las Vegas, NV  
W. L. Belke, NRC, Washington, DC  
R. R. Loux, NWPO, Carson City, NV  
Cyril Schank, Churchill County Commission, Fallon, NV  
D. A. Bechtel, Clark County Comprehensive, Las Vegas, NV  
J. D. Hoffman, Esmeralda County, Goldfield, NV  
Eureka County Board of Commissioners,  
Yucca Mountain Information Office, Eureka, NV  
Lander County Board of Commissioners, Battle Mountain, NV  
Jason Pitts, Lincoln County, Pioche, NV  
V. E. Poe, Mineral County, Hawthorne, NV  
P. A. Niedzielski-Eichner, Nye County, Chantilly, VA  
L. W. Bradshaw, Nye County, Tonopah, NV  
William Offutt, Nye County, Tonopah, NV  
Florindo Mariani, White Pine County, Ely, NV  
B. R. Mettam, County of Inyo, Independence, CA  
Mifflin and Associates, Las Vegas, NV  
S. L. Bolivar, LANL, Los Alamos, NM  
R. E. Monks, LLNL, Livermore, CA  
W. J. Glasser, REECO, Las Vegas, NV  
D. J. Tunney, RSN, Las Vegas, NV  
R. R. Richards, SNL, Albuquerque, NM, M/S 1333  
R. P. Ruth, M&O/Duke, Las Vegas, NV  
T. H. Chaney, USGS, Denver, CO  
J. B. Harper, SAIC, Las Vegas, NV  
C. K. Van House, YMOAD/QATSS, Las Vegas, NV  
R. L. Maudlin, YMOAD/QATSS, Las Vegas, NV  
C. J. Henkel, NEI, Las Vegas, NV

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

QUALITY ASSURANCE SURVEILLANCE RECORD

SURVEILLANCE DATA

<sup>1</sup>ORGANIZATION/LOCATION:  
Reynolds Electrical and  
Engineering Company, Inc.  
(REECO), Las Vegas and Mercury,  
Nevada

<sup>2</sup>SUBJECT: Measuring and Test Equipment  
(M&TE) Capitol Equipment

<sup>3</sup>DATE: 5/19/94

<sup>4</sup>SURVEILLANCE OBJECTIVE:  
To verify Procurement activities for M&TE Capitol Equipment were in accordance with approved procedures.

<sup>5</sup>SURVEILLANCE SCOPE:  
Purchase, receipt, storage and use of M&TE Capitol Equipment by REECO.

<sup>6</sup>SURVEILLANCE TEAM:  
Team Leader:

Steven P. Nolan  
Additional Team Members:

N/A

<sup>7</sup>PREPARED BY: Steven P. Nolan  
Steven P. Nolan  
Surveillance Team Leader

1/21/94  
Date

<sup>8</sup>CONCURRENCE: [Signature]  
QA Division Director

1-21-94  
Date

SURVEILLANCE RESULTS

<sup>9</sup>BASIS OF EVALUATION/DESCRIPTION OF OBSERVATIONS:

See Page 2

<sup>10</sup>SURVEILLANCE CONCLUSIONS:

See Page 2

<sup>11</sup>COMPLETED BY:

Steven P. Nolan  
Surveillance Team Leader

6-7-94  
Date

<sup>12</sup>APPROVED BY:

[Signature]  
QA Division Director

6-13-94  
Date

**(Block 9 Continued) BASIS OF EVALUATION/DESCRIPTION OF OBSERVATIONS:**

This surveillance has been shown as "in-progress" for a longer than normal period due to the following conditions:

- Purchase Order hold-up
- Equipment delay
- Un-availability of personnel due to illness

On May 19, 1994, a data package was received from REECo field personnel involved with the processing of the Ruska Air Deadweight Tester for the REECo Physical Standards Calibration Laboratory (PSCL) located at Mercury, Nevada.

The data package included details regarding the Purchase Requisition, Purchase Order, calibration reports, statement of accuracy and traceability of weights to the National Institute of Standards and Technology (NIST). The information that was provided shows that the purchase, receipt, calibration, storage and use of the instrument, was in accordance with REECo procedure MC-10.0, Revision 1, "Measuring and Test Equipment."

The following personnel were contacted during the surveillance:

Joy Peck, Secretary, PSCL  
G. A. Erickson, Manager, PSCL  
J. R. Doyle, Quality Assurance Technical Support Services

**(Block 10 Continued) SURVEILLANCE CONCLUSIONS:**

The status of this surveillance shows that the Capitol Equipment was initiated into the REECo M&TE Program in accordance with procedure MC-10-0, Revision 1. No deficiencies were noted during this surveillance.