



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

QA: L

SEP 28 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-94-051 RESULTING FROM
YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION (YMQAD) SURVEILLANCE OF
REYNOLDS ELECTRICAL & ENGINEERING CO., INC (REECO) AT THE YUCCA
MOUNTAIN SITE (SCPB: N/A)

Enclosed is the record of Surveillance YMP-SR-94-051 conducted
by the YMQAD at the REECO facilities at the Yucca Mountain site
August 9, 1994.

The purpose of the surveillance was to monitor and evaluate
REECO's verification of REECO internal Corrective Action Request
CA-94-004.

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 Raul A. Hinojosa at 794-7991.

YMQAD:RBC-5214
Richard E. Spence, Acting Director
Yucca Mountain Quality Assurance Division

Enclosure:
Surveillance Record YMP-SR-94-051

040019

YMP-5

9410040264 940928
PDR WASTE PDR
WM-11

102.7
WM-11
MH03

SEP 28 1994

cc w/encl:

D. A. Dreyfus, HQ (RW-1) FORS
R. W. Clark, HQ (RW-3.1) FORS
W. L. Belke, NRC, Las Vegas, NV
R. L. Johnson, 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
R. R. Richards, SNL, Albuquerque, NM, M/S 1333
R. P. Ruth, M&O/Duke, Las Vegas, NV
T. H. Chaney, USGS, Denver, CO
K. B. Johnson, SAIC, Las Vegas, NV
C. K. Van House, YMQAD/QATSS, Las Vegas, NV
R. L. Maudlin, YMQAD/QATSS, Las Vegas, NV
C. J. Henkel, NEI, Washington, DC

SEP 28 1994

cc w/encl:

D. A. Dreyfus, HQ (RW-1) FORS
R. W. Clark, HQ (RW-3.1) FORS
W. L. Belke, NRC, Las Vegas, NV
R. L. Johnson, 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
R. R. Richards, SNL, Albuquerque, NM, M/S 1333
R. P. Ruth, M&O/Duke, Las Vegas, NV
T. H. Chaney, USGS, Denver, CO
K. B. Johnson, SAIC, Las Vegas, NV
C. K. Van House, YMQAD/QATSS, Las Vegas, NV
R. L. Maudlin, YMQAD/QATSS, Las Vegas, NV
C. J. Henkel, NEI, Washington, DC

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

QUALITY ASSURANCE SURVEILLANCE RECORD

SURVEILLANCE DATA

¹ORGANIZATION/LOCATION:
Reynolds Electric & Engineering
Company (REECo) Yucca
Mountain Site (YMS)

²SUBJECT:
Monitoring of Corrective Actions to REECo
CAR No. CA-94-004

³DATE: 7/7-8/94

⁴SURVEILLANCE OBJECTIVE:

To monitor REECo's verification of corrective actions to REECo CAR No. CA-94-004. In addition, evaluate compliance with the corrective actions to the listed deficient conditions.

⁵SURVEILLANCE SCOPE:

To monitor REECo's verification of corrective actions to REECo CAR No. CA-94-004. In addition, evaluate compliance with the corrective actions by REECo Control Department and REECo Construction Department

⁶SURVEILLANCE TEAM:
Team Leader:

Raul A. Hinojosa
Additional Team Members:

⁷PREPARED BY:

Raul A. Hinojosa 6/29/94
Surveillance Team Leader Date

⁸CONCURRENCE:

n/a
QA Division Director Date

SURVEILLANCE RESULTS

⁹BASIS OF EVALUATION/DESCRIPTION OF OBSERVATIONS:

See page 2

¹⁰SURVEILLANCE CONCLUSIONS:

See page 2

¹¹COMPLETED BY:

Raul A. Hinojosa 9/21/94
Surveillance Team Leader Date

¹²APPROVED BY:

Robert Blomquist 9.27.94
QA Division Director Date

ENCLOSURE

Block 9 (continued) Basis of Evaluation

The surveillance was performed on the August 9, 1994 to evaluate the verification of REECo internal Corrective Action Request (CAR) no. CA-94-004. The requirements cited in this CAR were drawn from REECo procedures MC-04.0, MC-0.43, MC-0.4.5 and project procedure YAP-15.1 with the applicable paragraphs stated in the CAR.

The persons contacted were:
W. Glasser, REECo QA Manager
R. Hasson, REECo QA
F. Ruth, REECo QA
D. Boyd, REECo Construction

The verification was carried out on August 9, 1994 and again on August 25, 1994. The results of the verification by REECo QA were that not all corrective actions committed to, by REECo Construction were completed. Quality-related material was not all identified by Purchase Order number (P.O. No.) and item no. (of P.O. No.). There was accepted material in the area for items awaiting acceptance inspection. The non Quality storage area was not fenced in and it was not a compact area, but rather, material was stored in a widely scattered area adjacent to the fenced areas, next to the edges of the ESF Pad area on the ground, and not all material was identified by item no., specification or drawing number. The QA staff (REECo) rejected the verification of the remedial and corrective actions and brought the results of the verification to the attention of the REECo TPO. The TPO then directed REECo Construction to perform the required corrective actions and a date of September 16, 1994 for the completion of all remedial and corrective actions was set.

Block 10 (continued) Surveillance Conclusions:

The results of the surveillance indicate that the CAR verification and follow-up activities are being performed in accordance with REECo procedure MC-11.3, Revision 2., "CORRECTIVE ACTION". There were no discrepancies found or observed on the part of REECo QA personnel. The results of the surveillance are considered satisfactory with respect to the verification process and follow-up actions by REECo QA.

Block 9 (continued) Basis of Evaluation

The surveillance was performed on the August 9, 1994 to evaluate the verification of REECO internal Corrective Action Request (CAR) no. CA-94-004. The requirements cited in this CAR were drawn from REECO procedures MC-04.0, MC-0.43, MC-0.4.5 and project procedure YAP-15.1 with the applicable paragraphs stated in the CAR.

The persons contacted were:
W. Glasser, REECO QA Manager
R. Hasson, REECO QA
F. Ruth, REECO QA
D. Boyd, REECO Construction

The verification was carried out on August 9, 1994 and again on August 25, 1994. The results of the verification by REECO QA were that not all corrective actions committed to, by REECO Construction were completed. Quality-related material was not all identified by Purchase Order number (P.O. No.) and item no. (of P.O. No.). There was accepted material in the area for items awaiting acceptance inspection. The non Quality storage area was not fenced in and it was not a compact area, but rather, material was stored in a widely scattered area adjacent to the fenced areas, next to the edges of the ESF Pad area on the ground, and not all material was identified by item no., specification or drawing number. The QA staff (REECO) rejected the verification of the remedial and corrective actions and brought the results of the verification to the attention of the REECO TPO. The TPO then directed REECO Construction to perform the required corrective actions and a date of September 16, 1994 for the completion of all remedial and corrective actions was set.

Block 10 (continued) Surveillance Conclusions:

The results of the surveillance indicate that the CAR verification and follow-up activities are being performed in accordance with REECO procedure MC-11.3, Revision 2., "CORRECTIVE ACTION". There were no discrepancies found or observed on the part of REECO QA personnel. The results of the surveillance are considered satisfactory with respect to the verification process and follow-up actions by REECO QA.