

memorandum

ENTERED



DATE: July 27, 1999

REPLY TO
ATTN OF: CAO:QA:MLC 99-0893 UFC 2300.00

SUBJECT: Audit (A-99-17) of Rocky Flats Environmental Technology Site (RFETS)
TRU Waste Characterization of Salt, Dry, Ash, and Wet Combustible Residue
Repackaging Activities

TO: Joseph A. Legare, Assistant Manager for Environment and Compliance

Please be advised that a team of auditors and technical specialists from the Carlsbad Area Office will conduct an audit at Rocky Flats Environmental Technology Site (RFETS) on August 9-13, 1999. The audit will be conducted in accordance with the attached audit plan. The purpose of the audit is to determine whether the processes should be certified by DOE/CAO for the WIPP project.

Your representatives are requested to coordinate with the audit team to develop the necessary documentation for the audit team to gain access to RFETS facilities, support the audit, and provide the audit team with access to appropriate documentation and records. RFFO is expected to provide meeting rooms (with overhead projector) to hold approximately 50 people for the entrance and exit meetings, working rooms for the audit team and for the EPA and EEG observers, full set of documentation applicable to RFFO work for the WIPP including the applicable procedures, two flip charts and marking pens for the audit team working room, and miscellaneous office supplies (e.g., pens, paper, copy machine, Post-It Notes, stapler, "scotch" tape, etc.) for each working room.

If you have any questions or comments concerning this audit, please contact Beth Bennington, NTP Certification Manager, at (505) 234-7482, or me at (505) 234-7423.

M. Lea Chism

Samuel A. Vega
CAO Quality Assurance Manager

Attachment



J. Legare

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cc: w/attachment

L. Chism, CAO

B. Stroud, CAO

K. Hunter, CAO

B. Bennington, CAO

S. Vega, CAO

M. Eagle, EPA

S. Monroe, EPA

↙ S. Zappe, NMED

B. Walker, EEG

D. Winters, DNFSB

M. Castagneri, RFETS

G. O'Leary, RFETS

T. Bowden, CTAC

C. Riggs, CTAC

CARLSBAD AREA OFFICE AUDIT PLAN

Audit Number: CAO A-99-17

Organization: Rocky Flats Environmental Technology Site (RFETS)

Date and Location: August 9-13, 1999
Golden, Colorado

Audit Team:

| | |
|-----------------|----------------------------------|
| Beth Bennington | Waste Certification Manager, CAO |
| Charlie Riggs | Audit Team Leader, CTAC |
| Amy Arceo | Auditor, CTAC |
| Steve Hans | Auditor, CTAC |
| Dave Kimbro | Auditor, CTAC |
| Earl Bradford | Auditor, CTAC |
| Wayne Ledford | Auditor, CTAC |
| Jim Bresson | Technical Specialist, CTAC |
| Ken Coop | Technical Specialist, CTAC |
| Dick Blauvelt | Technical Specialist, CTAC |
| Karen Day | Technical Specialist, CTAC |
| Tom Bearden | Technical Specialist, CTAC |
| B. J. Verret | Technical Specialist, CTAC |
| Trey Greenwood | Technical Specialist, CTAC |

Audit Scope: The audit will evaluate the adequacy, implementation, and effectiveness of technical and quality assurance processes related to RFETS TRU Waste characterization and certification activities. These activities include those associated with Salt Residue Repack Buildings 371 and 707, Dry Residue Repacking, Ash Residue Repack Projects Building 707, and Combustible Residue Repackaging Building 371. The Building 371 Segmented Gamma Scanner (SGS) Drum Counter, mobile Tomographic Gamma Scanner (TGS), and LECO Equivalences will also be evaluated.

Governing Documents/Requirements:

Adequacy evaluations of new and revised RFETS site and TRU Waste Characterization Program (TWCP) specific documents will be based on the current revisions of the following documents:

CAO Quality Assurance Program Document (QAPD), CAO-94-1012

Transuranic Waste Characterization Quality Assurance Program Plan (QAPP), CAO-94-1010, Revision 0, and interim changes dated February 1996 and November 15, 1996

Waste Acceptance Criteria for the Waste Isolation Pilot Plant (WAC), DOE/WIPP-069

Activities to be Audited:

The following CAO QAPD activities specific to the Salt, Dry, Ash, and Wet combustible Residue Repackaging processes will be evaluated:

| | |
|--------------------------------------|------------------------------|
| Control of Nonconforming Items | Software |
| Personnel Qualification and Training | Measuring and Test Equipment |
| Documents and Records | Procurement |
| Assessments | |

The following technical activities will be evaluated:

Volatile Organic Compounds (VOCs) and Semi-Volatile Organic Compounds (SVOCs)
Gas Generation
Testing – Non Destructive Assay (NDA)

- SGS Drum Counter
- SGS Can Counters
- TGS Mobile (from LANL)

Visual Examination
Acceptable Knowledge

Technical and quality assurance checklists will be developed from the active revision of the following documents:

RFETS Quality Assurance Project Plan (QAPjP) for the Transuranic Waste Characterization Program, 95-QAPjP-0050

RFETS Salt Residue Repack Building 371 and Building 707 Process Control Plan, RS-020-021

RFETS Dry Residue Repacking Process Control Plan, RS-020-013

RFETS Ash Residue Repack Projects Building 707 Process Control Plan, RS-020-012

RFETS Combustible Residue Repackaging Building 371 Process Control Plan, RS-020-018

RFETS Transuranic Waste Management Manual, 3-MAN-008-WM-001

Related RFETS technical and quality assurance implementing procedures

Schedule of Audit Activities:

A preaudit conference is scheduled for Monday, August 9, 1999, at 8:30 a.m.

An audit team caucus will be held at 4:30 p.m. Monday through Thursday.

The audit team will brief appropriate RFETS management at 8:30 a.m. each morning (Tuesday through Friday).

A postaudit conference is scheduled for Friday, August 13, 1999, at 11:00 a.m. All meetings will take place at the designated RFETS location in Golden, Colorado.

Prepared By: Charles L. Riggs
Charles L. Riggs, Audit Team Leader

Date: 7/23/99

Approved By: M. Lea Chism
for Mary E. Bennington, CAO Waste Certification Manager

Date: 7/27/99

Approved By: M. Lea Chism
for Samuel A. Vega, CAO Quality Assurance Manager

Date: 7/27/99