

United States Government

Department of Energy

Carlsbad Area Office

memorandum

ENTERED



DATE: August 25, 1999

REPLY TO

ATTN OF: CAO:QA:SAV:99-1130 UFC 2300.00

SUBJECT: Rescheduled 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 September 13-17, 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. Observers from EPA, EEG, and WID may accompany the audit team.

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 observers, a 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. Lisa Chism
for Samuel A. Vega
CAO Quality Assurance Manager

Attachment



J. Legare

- 2 -

August 26, 1999

cc: w/attachment

L. Chism, CAO

B. Stroud, CAO

B. Bennington, CAO

M. Eagle, EPA

S. Monroe, EPA

✓ S. Zappe, NMED

B. Walker, EEG

D. Winters, DNFSB

M. Castagneri, RFETS

J. 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: September 13-17, 1999
Golden, Colorado

Audit Team:

Sam Vega	Quality Assurance 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
Mark Doherty	Technical Specialist, CTAC
Karen Day	Technical Specialist, CTAC
Tom Bearden	Technical Specialist, CTAC
B. J. Verret	Technical Specialist, CTAC
Trey Greenwood	Technical Specialist, CTAC

Waste Certification Manager: Beth Bennington Waste Certification Manager, CAO

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), Calorimetry and Cal-Gamma software and LECO Equivalencies 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, September 13, 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 Thursday).

A postaudit conference is scheduled for Friday, September 17, 1999, at 9:00 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: *8/19/99*

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

Date: *8-25-99*