

United States Government


 Department of Energy

memorandum

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 Carlsbad Field Office
 Carlsbad, New Mexico 88221

DATE: July 26, 2001

REPLY TO
ATTN OF: CBFO:QA:MLC:VW:01-1189:UFC:2300

SUBJECT: Surveillance (S-01-30) of the Rocky Flats Environmental Technology Site (RFETS) TRU Waste Operations

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

On July 11-12, 2001, the Carlsbad Field Office (CBFO) performed surveillance S-01-30 of the Rocky Flats Environmental Technology Site (RFETS) TRU Waste Operations. The surveillance team concluded that the RFETS quality assurance program relating to Document Control and Operations was adequate in accordance with the CBFO QAPD. The audit team also concluded that RFETS procedures were being satisfactorily implemented and that the evaluated processes were effective. The CBFO surveillance report is attached.

There were no CBFO corrective action reports, observations or recommendations issued as a result of the surveillance.

If you have any questions or comments, please contact me at (505) 234-7423.

for Samuel A. Vega
 for Samuel A. Vega
 Quality Assurance Manager

Attachment

cc: w/attachment
 I. Triay, CBFO
 K. Watson, CBFO
 L. Chism, CBFO
 T. Harms, DOE HQ
 C. Ferrera, RFETS
 J. O'Leary, RFETS
 R. Ballenger, RFETS
 M. Eagle, EPA

S. Monroe, EPA
 S. Zappe, NMED
 B. Walker, EEG
 D. Winter, DNFSB
 M. Gerle, WTS
 C. Riggs, CTAC
 T. Bowden, CTAC File

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**U.S. DEPARTMENT OF ENERGY
CARLSBAD FIELD OFFICE**

**SURVEILLANCE REPORT
OF THE
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE (RFETS)**

Golden, Colorado

SURVEILLANCE NUMBER S-01-30

July 11-12, 2001



TRU WASTE CHARACTERIZATION ACTIVITIES

Prepared by: *Charles L. Riggs*

Charles L. Riggs
Surveillance Team Leader

Date: 07/24/01

Approved for Issue by: *Samuel A. Vega*

for Samuel A. Vega
Carlsbad Field Office
Quality Assurance Manager

Date: 07/26/01

1.0 EXECUTIVE SUMMARY

Carlsbad Field Office (CBFO) Surveillance S-01-30 was conducted to evaluate the implementation and effectiveness of the Rocky Flats Environmental Technology Site (RFETS) quality assurance and technical program as it relates to the Document Control program and TRU Waste Characterization activities. The surveillance was conducted at RFETS in Golden, Colorado on July 11-12, 2001. The surveillance team did not identify any areas of concern.

2.0 SCOPE

CBFO Surveillance S-01-30 was conducted to evaluate the adequacy of the written program and implementation and effectiveness of the RFETS Document Control program and TRU Waste Characterization activities.

3.0 SURVEILLANCE TEAM

Charlie Riggs
Pete Rodriguez

Surveillance Team Leader, CTAC
Surveillance Team Member, CTAC

4.0 SURVEILLANCE PARTICIPANTS

A list of personnel contacted during the course of the surveillance is provided as Attachment 1 of this report.

5.0 SUMMARY OF SURVEILLANCE RESULTS

5.1 Surveillance Activities

Details of surveillance activities, along with the specific objective evidence reviewed and the results of the reviews are contained within the surveillance checklists. The checklists are maintained as QA records. No conditions adverse to quality were identified.

The surveillance team evaluated the activities to verify compliance with the CBFO *Quality Assurance Program Document*, CAO-94-1012. The surveillance team determined that RFETS adequately defined the Document Control program for the project. As a result, the surveillance team concluded that the QA program requirements related to the activities evaluated during the surveillance were adequate, satisfactorily implemented and effective. In addition the surveillance team evaluated the understanding that management and operation personnel had of recent problems that had occurred with shipments received at the Waste Isolation Pilot Plant (WIPP) including the causes of the recent work stoppage at the Idaho National Engineering and Environmental Laboratory (INEEL).

5.1.1 Document Control

The surveillance team evaluated the adequacy of the documents depicting the RFETS Document Control program. RFETS procedures PRO-815-DM-01, *Developing and Maintaining Documents*, and PRO-1329-DM-03, *Site Document Control*, depict the preparation, review, approval, issuance, and revision of TRU Project documents and defines the responsibilities for these activities. The RFETS TRU Project Document Control program has been satisfactorily implemented and is effective.

5.1.2 Operations

The surveillance team evaluated the understanding that management and operation personnel had of recent problems that had occurred with shipments received at WIPP including the causes of the recent work stoppage at the INEEL.

Discussions were held to determine what measures are in place to prevent a similar condition from occurring at RFETS. Attempts were also made to ascertain what other issues or pressures exist that might drive management or operation personnel to take shortcuts or otherwise circumvent the system.

It is the opinion of the audit team that similar conditions are unlikely to occur at RFETS for the following reasons:

- 1) There is a flag placed in the Waste and Environmental Management System (WEMS) in accordance with procedure 4-G83-WEM-WP-1209, *WEMS Waste Package Verification and Certification*, that is not removed until RFETS receives a certification letter from CBFO
- 2) RFETS has taken a controlled approach to their increase in production.

6.0 CORRECTIVE ACTIONS AND OBSERVATIONS

There are no CBFO corrective action reports, Observations, or Recommendations issued as a result of this surveillance.

7.0 ATTACHMENT

Attachment 1: Personnel Contacted During the Surveillance

PERSONNEL CONTACTED DURING SURVEILLANCE S-01-30

| RFETS PERSONNEL CONTACTED | | | | |
|---------------------------|---|--------------------------|------------------------|---------------------------|
| NAME | ORG/TITLE | PRE-SURVEILLANCE MEETING | CONTACTED DURING AUDIT | POST SURVEILLANCE MEETING |
| Bainbridge, Wayne | NDA TGS; Process Specialist | | X | |
| Ballenger, Roger | TRU/Residue Program; Manager | X | X | X |
| Balwin, Chuck | Measurements; Sr. Prin. Engineer | | X | |
| Berget, Kas | NDT Support; Proj Management | | X | |
| Blanchard; Cynthia | 559 Labs; RRT | | X | |
| Brailsford, Marvin | MAT Stewardship; VP MAT Stew | X | | X |
| Burback, G. | NDT; NDT Tech | | X | |
| Carson, Pete | TRU Programs; Engineer | X | X | |
| Civcci, John | M&Wst Ops; Waste Ops Manager | | | X |
| D'Amico, Eric | TRU Waste Programs; Environmental Scientist | X | X | X |
| Dahl; David | MS QA; QE | X | | X |
| Davis, Bob | MSQA; MS QA MGR | X | | |
| Dockles, Bobbie | Material Stewardship; HRT | | X | |
| Donohoue, Tom | NDA Operation | | X | |

PERSONNEL CONTACTED DURING SURVEILLANCE S-01-30

| RFETS PERSONNEL CONTACTED | | | | |
|----------------------------------|-------------------------------------|---------------------------------|-------------------------------|----------------------------------|
| NAME | ORG/TITLE | PRE-SURVEILLANCE MEETING | CONTACTED DURING AUDIT | POST SURVEILLANCE MEETING |
| | Support; Technical Supervisor | | | |
| Edrich, Pam | KH/Waste Systems; Technical Manager | | X | |
| Eschenbaum, Bobby | TRU Program; Audit Prep | X | X | X |
| Ferrera, Carol | MSQA: SPQAO | X | X | X |
| Garcia, Earl | TRU Programs; Tech Support | | X | |
| Gillespie, Doyle | KH Quality Program: QA Eng | | X | |
| Goade, Dan | TRU Waste; TRU Waste Program | X | | |
| Grady, Frank | TRU Waste Prog; TRU Waste Engr | X | X | X |
| Guadagnoli, John | NDA Tech Support | | X | |
| Hallman, Anne | Waste Cert & Oversight; WCO | X | X | X |
| Hasbrouck, G. D. | CTS Company, NDA TGS; SME | | X | |
| Jennings, Mike | KH; TRU Program | X | | X |
| Kayler, Larry | 371 NDA; NDA Technical Team | X | X | X |
| Kirschenmann, Harley | MSQA; Staff Eng | X | X | X |

PERSONNEL CONTACTED DURING SURVEILLANCE S-01-30

| RFETS PERSONNEL CONTACTED | | | | |
|----------------------------------|---|---------------------------------|-------------------------------|----------------------------------|
| NAME | ORG/TITLE | PRE-SURVEILLANCE MEETING | CONTACTED DURING AUDIT | POST SURVEILLANCE MEETING |
| Lenarcic, Kenneth F. | RFCSS; Traffic Manager | | X | |
| Lewis, Leslie | TRU Programs; Env Specialist TRU Programs | X | X | |
| Malls, Gary | RMRS; Foreman | | X | |
| McGavin, Andy | Source one/DC; Doc Cont Mgr | X | X | X |
| Melick, G. | NDT; NDT Tech | | X | |
| Miranda, Andy | Material Stewardship; HRT | | X | |
| Miranda, Sue | Material stewardship; Tech Support | | X | |
| Morse, Joan | Waste Systems; Systems Analyst | | X | |
| O'Leary, Jerry | MS; TRU Waste Proj Mgr | X | X | X |
| Parker, Leland | KH; Lead | | X | |
| Renslow, J. A. | NDT; RTR Tech | | X | |
| Robledo, Ron | TRU Programs; Env Specialist | | X | |
| Smart, Kim | KH-Admin; manager - KH | X | X | X |
| Stanfield, Sean | Canberra; Project Manager | X | | |

PERSONNEL CONTACTED DURING SURVEILLANCE S-01-30

| RFETS PERSONNEL CONTACTED | | | | |
|----------------------------------|-------------------------------------|--|---------------------------------------|--|
| NAME | ORG/TITLE | PRE- SURVEILLANCE MEETING | CONTACTED DURING AUDIT | POST SURVEILLANCE MEETING |
| Stewart, Judith | Measurements; NDA QA | | | X |
| Tallman, Steve | MS; NDT Section Manager | X | X | X |
| Tams, Stephen | NDA Operator | | X | |
| Tressell, John | TWCP QA; Alt PQAO | X | | X |
| Turner, Charles | Rad Labs; Lab Manager | | X | |
| Turner, Charles | Rad Labs; lab Manager | X | | |
| Watkins, Jeanett | Traffic Mgmt; Traffic Specialist | X | | |
| Wolfe, Mike | SOM; Waste Records Manager | X | | X |