

United States Government

Department of Energy

# memorandum

Carlsbad Field Office  
Carlsbad, New Mexico 88221

DATE: August 10, 2001

REPLY TO  
ATTN OF: CBFO:QA:MLC:VW:01-1411:UFC:2300

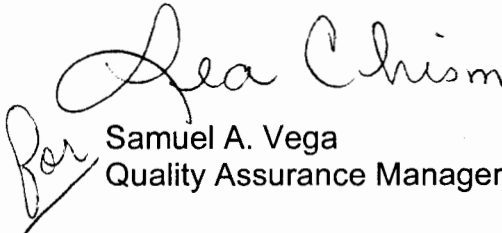
SUBJECT: Surveillance (S-01-37) of the Battelle Columbus Laboratories  
Decommissioning Project (BCLDP) – Remote Handled Waste  
Characterization

TO: Tom Baillieul, CEMP

Please be advised that a surveillance team from the Carlsbad Field Office will conduct a surveillance at the Battelle Columbus Laboratories in Columbus, Ohio, August 28-30, 2001. The surveillance will be conducted in accordance with the attached surveillance plan. Observers from the Environmental Protection Agency (EPA), the Environmental Evaluation Group (EEG), and the New Mexico Environmental Department (NMED) may accompany the team.

Your representatives are requested to coordinate with the surveillance team to develop the necessary documentation for team access to BCLDP facilities, arrange for appropriate space to conduct meetings, provide cognizant personnel to support the surveillance, and provide the surveillance team with access to appropriate documentation and records.

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

  
for Samuel A. Vega  
Quality Assurance Manager

Attachment

010818



Tom Baillieul

-2-

August 10, 2001

cc: w/attachment  
K. Watson, CBFO  
L. Chism, CBFO  
C. Gist, CBFO  
C. Wu, CBFO  
T. Harms, DOE-HQ  
J. Eide, BCLDP  
G. Erikson, BCLDP  
M. Eagle, EPA  
S. Monroe, EPA  
S. Zappe, NMED  
B. Walker, EEG  
D. Winter, DNFSB  
M. Gerle, WTS  
W. Ledford, CTAC  
T. Bowden, CTAC

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## CARLSBAD FIELD OFFICE SURVEILLANCE PLAN

**Surveillance**

**Number:** S-01-37

**Organization:** Battelle Columbus Laboratories Decommissioning Project (BCLDP) – Remote Handled Waste Characterization

**Date:** August 28-30, 2001

**Location:** Columbus, Ohio

**Surveillance Team:** Wayne Ledford, Surveillance Team Leader, CTAC  
Steve Calvert, Surveillance Team Member, CTAC  
Patrick Kelly, Technical Specialist, CTAC  
Dick Blauvelt, Technical Specialist, CTAC

**Surveillance Scope:**

The purpose of this surveillance is to assess the implementation of the BCLDP acceptable knowledge program as it applies to the following waste attributes:

- Determination of the volume of cellulose, plastic, and rubber (CPR); residual liquids; ferrous metals; and non-ferrous metals
- Determination of the total curie content of the RH-TRU waste
- Determination of the individual activity of radionuclides and the TRU alpha activity of the RH-TRU waste
- Determination of the activity level (e.g. curies per liter) of the RH-TRU waste
- Determination of the surface dose rate of the packaged RH-TRU waste

**Activities to be Assessed:**

The following technical program elements related to the characterization of RH-TRU waste will be evaluated during the surveillance:

Acceptable knowledge  
Radiological characterization

The following quality assurance elements, as they apply to the technical elements, will be evaluated during the surveillance:

Organization  
Qualification and training  
Quality improvement  
Document control  
Records  
Work processes  
Procurement  
Assessments  
Sample control  
Software quality assurance

**Governing Documents/Requirements:**

TRU Waste Certification Plan for the BCLPD, TCP-98-01

Certification Quality Assurance Plan for the BCLDP TRU Waste Certification Program, TCP-98-01.1

Transuranic Waste Characterization Quality Assurance Project Plan, TCP-98-02

Building JN-1 Hot Cell Laboratory Acceptable Knowledge Document, TCP-98-03

Applicable BCLDP implementing procedures and Acceptable Knowledge process descriptions

**Pre-Surveillance Conference:**

Tuesday August 28, 2001 at 8:00 a.m. in the Battelle West Jefferson North Campus Building JN-10 lunchroom.

**Post-Surveillance Conference:**

Thursday August 30, 2001 at 2:00 p.m. in the Battelle West Jefferson North Campus Building JN-10 lunchroom.

Prepared by: Wayne Ledford  
Wayne Ledford, CTAC  
Surveillance Team Leader

Date: 8/10/01

Concurrence: for Samuel A. Vega  
for Samuel A. Vega  
Quality Assurance Manager  
Carlsbad Field Office

Date: 08/10/01