

United States Government

Department of Energy

# memorandum



Carlsbad Field Office  
Carlsbad, New Mexico 88221

ENTERED

DATE: MAY 14 2012

REPLY TO  
ATTN OF: CBFO:OQA:CGF:MAG:12-1400:UFC 2300.00

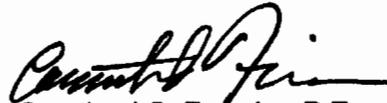
SUBJECT: CBFO Surveillance Report S-12-20 for INL/CCP Characterization Process for Examining RH S3000 Solids Waste

TO: Jerry Wells, DOE-ID

The Carlsbad Field Office (CBFO) conducted a surveillance to evaluate the operational capability of the Idaho National Laboratory Central Characterization Project (INL/CCP) real-time radiography (RTR) unit #RTR-0659, located at the Idaho Nuclear Technology and Engineering Center (INTEC), on May 7, 2012. The surveillance report is attached.

The surveillance team concluded that the INTEC RTR unit #RTR-0659 was fully capable of characterization of remote-handled (RH) Summary Category Group S3000 solids waste.

If you have any questions or comments concerning the surveillance report, please contact me at (575) 234-7548.

  
Courtland G. Fesmire, P.E.  
Quality Assurance Engineer

### Attachment

cc: w/attachment

R. Unger, CBFO	* ED	S. Ghose, EPA	ED
J. R. Stroble, CBFO	ED	R. Lee, EPA	ED
N. Castaneda, CBFO	ED	J. Kieling, NMED	ED
M. Pinzel, CBFO	ED	T. Kliphuis, NMED	ED
D. Ploetz, WTS/CCP	ED	S. Holmes, NMED	ED
M. Sensibaugh, WTS/CCP	ED	T. Hall, NMED	ED
V. Cannon, WTS/CCP	ED	R. Maestas, NMED	ED
A. J. Fisher, WTS/CCP	ED	T. Kesterson, NMED/DOE OB	ED
I. Quintana, WTS/CCP	ED	J. Marple, NMED/DOE OB	ED
M. Walker, WTS/CCP	ED	D. Winters, DNFSB	ED
Y. Salmon, WTS/CCP	ED	P. Gilbert, LANL-CO	ED
J. Carter, WTS/CCP	ED	G. Lyshik, LANL-CO	ED
J. Hoff, WTS	ED	M. Mager, CTAC	ED
M. Mullins, WTS	ED	E. Bradford, CTAC	ED
W. Lattin, DOE-ID	ED	WWIS Database Administrators	ED
T. Peake, EPA	ED	WIPP Operating Record	ED
M. Eagle, EPA	ED	CBFO QA File	
E. Feltcorn, EPA	ED	CBFO M&RC	
R. Joglekar, EPA	ED	* ED denotes electronic distribution	



## CBFO SURVEILLANCE REPORT

Surveillance Number: S-12-20 Date of Surveillance: May 7, 2012

Surveillance Title: Idaho National Laboratory Central Characterization Project  
(INL/CCP) Characterization Process for Examining RH S3000  
Solids Waste

Organization: INL/CCP

### Surveillance Team:

Team Leader: Earl Bradford, Carlsbad Field Office (CBFO) Technical Assistance Contractor (CTAC)

Team Member: Rhett Bradford, Real-Time Radiography (RTR) Technical Specialist, CTAC

Surveillance Scope: The scope of the surveillance was to evaluate the operational capability of INL/CCP RTR unit #RTR-0659, located at the Idaho Nuclear Technology and Engineering Center (INTEC), for characterization of remote-handled (RH) Summary Category Group (SCG) S3000 solids waste.

Surveillance Results: The surveillance team verified that the INTEC RTR unit (RTR-0659) was capable of providing full penetration of the solid waste in waste stream IN-ID-BTO-030. In addition, the surveillance team verified the RTR operator was able to determine the container contents were consistent with the waste matrix code assigned to the waste stream and that the containers did not contain prohibited items. The field observations provided evidence that the applicable requirements for characterization of RH SCG S3000 solids waste using the INTEC RTR unit were adequate. The surveillance team identified no concerns with the operational capability of RTR unit #RTR-0659.

Activities Evaluated: The surveillance team witnessed the RTR examination of two containers from the specific waste streams IDBLANL880107A and IDBLANL880107B. The surveillance team observed the recording of the video media and witnessed the operator generating the narrative recording associated with the video in compliance with the requirements of the implementing procedure.

Requirements documents:

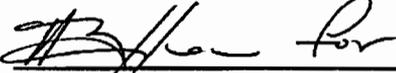
- Waste Isolation Pilot Plant Hazardous Waste Facility Permit, NM48900139088-TSDF

Implementing procedures:

- CCP-PO-501, *CCP/INL RH TRU Waste Interface Document*
- CCP-TP-508, *CCP RH Standard Real-Time Radiography Inspection Procedure*

Corrective Actions:           None required.

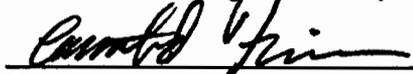
Surveillance Team Leader:



Earl Bradford  
CBFO Technical Assistance Contractor

Date: 5/9/12

CBFO QA Management Representative:



Courtland G. Fesmire, P.E.  
CBFO Quality Assurance Engineer

Date: 19 May 2012