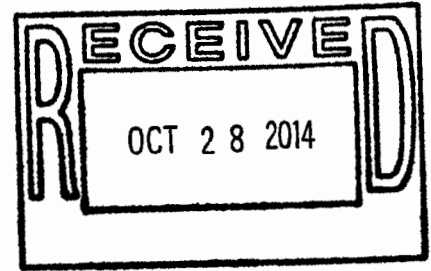

Department of Energy
 Carlsbad Field Office
 P.O. Box 3090
 Carlsbad, New Mexico 88221
 OCT 28 2014



Mr. Jon E. Hoff, Manager
 Quality Assurance
 Nuclear Waste Partnership LLC
 P.O. Box 2078
 Carlsbad, NM 88221-2078

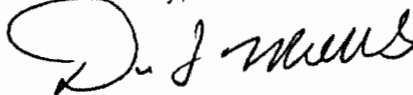
Subject: Transmittal of Surveillance Report S-14-45, Mockup of the Assembly, Operation,
 and Disassembly of the REACH Equipment

Dear Mr. Hoff:

The Carlsbad Field Office conducted Surveillance S-14-45 on September 15-25, 2014. One
 deficiency was noted during the Surveillance (issued under separate cover as Corrective Action
 Report 15-001). The results of the Surveillance are provided in the enclosed report.

If you have any questions or comments concerning Surveillance S-14-15, please contact me at
 (575) 234-7491.

Sincerely,



Dennis S. Miehl
 Senior Quality Assurance Specialist

Enclosure

cc: w/enclosure

M. Brown, CBFO	* ED	R. Lee, EPA	ED
W. Mouser, CBFO	ED	J. Kieling, NMED	ED
M. Navarrete CBFO	ED	S. Holmes, NMED	ED
R. McQuinn, NWP	ED	R. Maestas, NMED	ED
J. Blankenhorn, NWP	ED	C. Smith, NMED	ED
S. Kennedy, NWP	ED	V. Daub, CTAC	ED
S. Cassingham, NWP	ED	R. Allen, CTAC	ED
B. Allen, NWP	ED	P. Martinez, CTAC	ED
S. Punchios, NWP	ED	B. Pace, CTAC	ED
S. Escareno-Soto, NWP	ED	K. Kirkes, CTAC	ED
W. Ledford, NWP	ED	D. Harvill, CTAC	ED
V. Cannon, NWP	ED	G. White, CTAC	ED
T. Peake, EPA	ED	CBFO QA File	
L. Bender, EPA	ED	CBFO M&RC	
S. Ghose, EPA	ED	*ED denotes electronic distribution	



CBFO SURVEILLANCE REPORT

Surveillance Number: S-14-45

Date of Surveillance: September 15 - 25, 2014

Surveillance Title: Mockup of the assembly, operation, and disassembly of the REACH equipment

Organization: Nuclear Waste Partnership LLC (NWP)

Surveillance Team:

Kirk Kirkes Surveillance Team Lead, Carlsbad Field Office (CBFO) Technical Assistance Contractor (CTAC)

Surveillance Scope:

The surveillance evaluated the mockup performance of work associated with assembly, operation, and disassembly of the REACH equipment, including the use of personal protective equipment (PPE) associated with working in a high contamination area.

Governing Documents/Requirements:

- Draft Work Order 1408978
- Pre-job Briefing form #EA04AD3030-1-0
- Radiation Work Permit (RWP) 14-044

Activities Evaluated:

The surveillance team evaluated the assembly, operation, disassembly, and training associated with the REACH equipment in preparation to support the Accident Investigation Board (AIB) investigation and video recording of conditions in panel 7, room 7 of the Waste Isolation Pilot Plant (WIPP). The evaluation was evidenced by the following:

- Pre-job briefings prior to each shift
- On the Job Training (OJT) by two vendor-trained WIPP NWP employees
- Frame Platform assembly
- Practice pushing the frame sections the estimated distance from the transition zone to panel 7, room 7 in required PPE
- Frame leveling
- Trolley installation
- Base and cradle installation to the trolley
- Installing roof supports to frame
- Installing 12 beam sections
- Mounting camera caddy
- Installing cameras

- Installing camera caddy drive system
- Connecting camera and trolley consoles
- Powering up consoles
- Tram trolley
- Tram camera caddy with cameras
- Lowering drop camera at designated locations
- Recording camera data for AIB use
- Disassembly of REACH equipment
- Performing all above described activities in RWP required PPE for high contamination areas
- Critique meetings with the operators after completed work evolutions to further refine performance activities
- Meetings with the work control planner for work order development
- Verification of current training identified in the draft work order

Surveillance Results:

Overall, the surveillance team determined that the activities associated with the mockup of the assembly, operation, and disassembly of the REACH equipment were satisfactorily implemented.

Deficiencies:

Two of the NWP REACH team members, who were present at the vendor's facility for training and acceptance testing, conducted OJT (form supplied by Technical Training) to the other REACH team members at EPD during the mockup assembly, operation, and disassembly of the equipment. Technical Training does not have a defined process for conducting OJT in situations where there is not a qualification card/job performance measure in place, and the training procedures do not identify the form used. See Corrective Action Report 15-001.

Surveillance Team Leader:  Date: 10/14/14
Kirk Kirkes

Assistant Manager/Office Director: N/A Date: N/A

CBFO QA Director Approval:  Date: 10-27-14