

CBFO SURVEILLANCE REPORT**Surveillance Number:** S-15-53**Date of Surveillance:** 06 May 2015**Surveillance Title:** Installation and Initial Setup of iCAMs at Panel 6**Organization:** Nuclear Waste Partnership LLC (NWP)**Surveillance Team:**

Robert M. Boyko Surveillance Team Lead, Carlsbad Field Office (CBFO) Technical Assistance Contractor, (CTAC)

Surveillance Scope:

The surveillance evaluated the installation and initial setup of two Canberra iCAMs at the Panel 6 closures.

Governing Documents/Requirements:

- WP 12-HP1304, *Canberra iCAM Alpha/Beta Continuous Air Monitor*, Rev. 12
- Radiation Work Permit (RWP) #15-002/G, Change #2, Task #6
- Waste Isolation Pilot Plant Nitrate Salt Bearing Waste Container Isolation Plan, Rev. 1

Activities Evaluated:

The surveillance team evaluated the installation and initial setup of two Canberra iCAM units in the underground external to each of the closures at Panel 6. In addition, radiological control coverage of the ongoing panel closure activity was evaluated due to its near proximity to the iCAM installation.

Prior to installation of the units, a briefing was held with the Radiological Controls Manager. He explained that the units were to be set up outside each of the Panel 6 enclosures. The units were to be positioned on top of tables; however, since the tables had not arrived onsite the units would be placed on rubber mats on the ground instead. The units would be relocated to the tables upon their arrival.

The evaluation began with a visual inspection of both iCAMs. Calibration certificates were attached and verified to be within acceptable time periods. The units were observed to be in good physical condition. A review of the Radiation Work Permit (RWP) with the task-assigned Radiological Controls Technicians (RCTs) was conducted. All personnel were properly signed in and dressed in accordance with the RWP. The iCAMs were transported to their respective location, positioned on mats placed on the ground, and energized. A 30-minute stabilization period was implemented in accordance with WP 12-HP1304, Section 3.3 to establish a count spectrum. After the stabilization period, daily operational checks were performed in accordance with WP 12-HP1304, Section 3.0. The results were recorded on Attachment 1. All entries were accurate, complete, and legible. Alarm set points were in accordance with WP 12-HP1304, Attachment 5.

The surveillance team briefly observed the Panel 6 closure process; specifically the installation of flashing around a panel closure door. The RCT assigned to the crew was questioned regarding area dose rates, contamination levels, and airborne activity levels. The RCT was knowledgeable and accurate regarding the area radiological conditions. No deficiencies were noted.

Surveillance Results:

The surveillance team determined that the activities associated with the installation of the iCAMs at Panel 6 were satisfactorily conducted and implemented in accordance with the work requirements. In addition, the RCTs demonstrated adequate knowledge associated with the equipment and area radiological conditions.

Deficiencies:

None.

| | |
|--|--------------------------------------|
| <p>Surveillance Team Leader: <u>Robert M. Boyko</u> Robert M. Boyko</p> | <p>Date: <u>13 May 15</u></p> |
| <p>Assistant Manager/Office Director: <u>N/A</u></p> | <p>Date: <u>N/A</u></p> |
| <p>CBFO QA Director Approval: <u>D. J. [Signature] FOR MRB</u></p> | <p>Date: <u>5-13-15</u></p> |