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**WCH** Washington  
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**Interoffice Memorandum**

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TO: J. N. Winters, L4-45

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SUBJECT: **POST-DEMOLITION SUMMARY REPORT FOR MOBILE OFFICES  
MO-767 AND MO-827**

Attached is the Post-Demolition Summary Report for the mobile offices MO-767 and MO-827. This report documents the final status of the facilities at the completion of Deactivation, Decontamination, Decommissioning, and Demolition (D4) activities. Information in the report includes references to radiological and industrial hygiene scoping surveys, waste profiles used to ship debris to the Environmental Restoration Disposal Facility, and a status on the waste information data system sites associated with the buildings.

Please contact me at 554-2720 if you have any questions on this report.

CPS:cps

Attachment: Post-Demolition Summary Report for Mobile Offices MO-767 and MO-827.

Copies

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This post-demolition summary report (PDSR) documents the characterization and demolition of mobile offices MO-767 and MO-827 and includes final status of both facilities at the completion of deactivation, decontamination, decommissioning, and demolition (D4) activities. Both mobile offices were transported to the Environmental Restoration and Disposal Facility (ERDF) and demolished in the land fill in June, 2014.

A photograph of both mobile offices is shown as Figure 1. Photographs showing locations following removal are shown in Figures 2 and 3.

### **Final Building Status**

All D4 activities were performed in accordance with applicable environmental documentation, including the *Removal Action Work Plan for 300 Area Facilities*, (DOE/RL-2004-77, Rev. 2).

Following hazardous material removal, mobile office MO-767 and MO-827 ERDF and demolished in the land fill in June, 2014. No radiological or industrial hygiene controls were necessary during the course of hazardous material removal and transport to ERDF. Global Positioning Environmental Radiological Surveyor (GPERS) surveys were not performed as both mobile offices were located outside of the 300 Area Underground Radioactive Material Area. No backfill was necessary after the trailers were removed. On completion of work, no postings remain.

Pre and post removal photographs are shown in Figures 2 through 4.

### **Historical Site Information**

#### MO-767

The MO-767 mobile office trailer was a 620 square foot, single-wide transportable facility that provided office space for 300 Area personnel. The trailer was of typical mobile office construction and was located east of the 3764 Building, south of the 324 Building.

#### MO-827

The MO-827 mobile office trailer was a 1,370 square foot, single-wide transportable facility that provided office space for 300 Area personnel. The trailer was of typical mobile office construction and was located southeast of the 324 Building.

Both mobile offices were originally located at 100N Area, but were subsequently moved to the 300 Area and were occupied until 2013.

### Site Characterization Surveys

Table 1 summarizes the industrial hygiene, radiological control, and asbestos samples collected at MO-767 and MO-827.

**Table 1: Summary of Characterization Surveys at 3790**

Type	Date	Documented In	Results Summary
Asbestos	May 1, 2014	CCN: 176367	No asbestos containing materials identified following inspection
IH Surveys and Beryllium Characterization	December 3, 2009.	BFA-MO767-2009-12-03	Established MO-767 as Be clean.
	November 15, 2010.	BFA-MO827-2010-11-15.	Established MO-827 as Be clean.
Radiological	April 23, 2014.	RSR-300PS-14-1465 (MO-767)  RSR-300PS-14-1466 (MO-827)	No contamination identified.

### Characterization Samples

Both trailers contained minimal amounts of standard industrial hazardous materials (e.g., Freon, oils, mercury switches, etc.), therefore, no samples were necessary for waste characterization. Asbestos inspection and sampling was performed as discussed below.

#### Asbestos Characterization

An asbestos inspection and sampling of both facilities was conducted on May 1, 2014 (CCN: 176367). The asbestos inspections were conducted by Asbestos Hazard Emergency Response Act (AHERA) - accredited Building Inspectors in accordance with 40 CFR 763, Subpart E. No asbestos containing materials were identified.

#### Beryllium Characterization

MO-767 and MO-827 were determined to be beryllium free facilities.

#### Waste Profiles

Waste profile WP300NR001, was used for disposal of the both mobile offices. Both mobile offices comprised a total of 26 tons that disposed at ERDF. Each trailer was transported whole, so no cans were used for disposal.

### Status of WIDS Sites Associated With the Building Site

No WIDS sites were associated with either MO-767 or MO-827.

### Anomalies Discovered During Demolition

No anomalies were discovered during removal of both mobile offices. GPERS surveys were not performed as both mobile offices were located outside of the 300 Area Underground Radioactive Material Area.

### Work Packages

Table 2 lists the work packages used for the removal of MO-767 and MO-827.

**Table 2. Work Packages**

<b>Work Package #</b>	<b>Description</b>
300-14-04-17-001	MO-767 Hazardous Material Removal.
300-14-04-17-002	MO-827 Hazardous Material Removal.
FAC-13-09-17-007	Transport to ERDF.

### References

BFA-MO767-2009-12-03, 2009, "Beryllium Facility Assessment – MO-767", Washington Closure Hanford, Richland, Washington, December 3, 2009.

BFA-MO827-2010-11-15, 2010, "Beryllium Facility Assessment – MO-827", Washington Closure Hanford, Richland, Washington, November 15, 2010.

CCN 176367, 2014, "Asbestos Inspection and Sampling Report for MO-767 and MO-827", Washington Closure Hanford, Richland, Washington, May 1, 2014.

DOE/RL-2004-77, 2007, "Removal Action Work Plan for 300 Area Facilities", Rev 2, U.S. Department of Energy, Richland, Washington, December 18, 2007.

RSR-300PS-14-1465, 2014, "MO-767 Scoping Survey", Washington Closure Hanford, Richland, Washington, April 23, 2014.

RSR-300PS-14-1466, 2014, "MO-827 Scoping Survey", Washington Closure Hanford, Richland, Washington, April 23, 2014.

**Figure 1: MO-767 and MO-827 Trailers.**



**Figure 2: Location of MO-767 following removal on June 23, 2014, view facing south.**



**Figure 3: Location of MO-827 following removal on June 23, 2014, view facing south.**

