

## FACILITY STATUS CHANGE FORM

<b>Date Submitted:</b> January 25, 2013 <b>Originator:</b> Chris Strand <b>Phone:</b> 554-2720	<b>Area:</b> 300 Area <b>Facility ID:</b> 3707H <b>Action Memorandum:</b> Action Memorandum #1	<b>Control #:</b> D4-300-079
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**This form documents agreement among the parties listed below on the status of the facility D&D operations and the disposition of underlying soil in accordance with the applicable regulatory decision documents.**

### Section 1: Facility Status

- All D4 operations required by action memo complete.  
 D4 operations required by action memo partially complete, remaining operations deferred.

#### **Description of Completed Activities and Current Conditions:**

**Deactivation:** Utility isolations were performed on the facilities prior to beginning removal actions.

The following hazardous materials were removed prior to facility demolition; freon, oils, lights, batteries, and Category I asbestos containing materials (ACM). ACM was removed by certified asbestos workers.

**Demolition:** The above-grade portion of 3707H was demolished in May, 2007. Below-grade demolition of the slab and foundation was completed in January of 2013. The excavation area was backfilled to grade with clean fill. Above-grade building and slab debris from demolition was removed and disposed of at ERDF. The demolition was performed under Radiological and Industrial Hygiene controls.

#### **Description of Deferral (as applicable):**

N/A

### Section 2: Underlying Soil Status

- No waste site(s) present. No additional actions anticipated.  
 Documented waste site(s) present. Cleanup and closeout to be addressed under Record of Decision.  
 Potential waste site discovered during D4 operations. Waste site identification number <to be> assigned.  
 Cleanup and closeout to be addressed under Record of Decision.

#### **Description of Current/As-Left Conditions:**

All above-grade structures and foundations were removed. Excavations were backfilled to grade with clean fill. GPERs surveys were performed prior to backfill. No radiological or Industrial Hygiene postings remain.

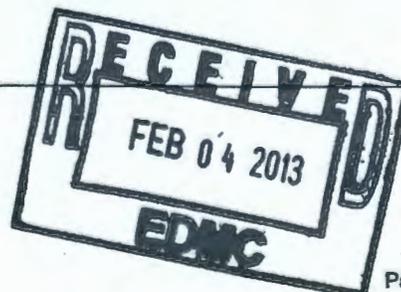
#### **Identification of Documented Waste Site(s) or Nature of Potential Waste Site Discovery (as applicable):**

N/A

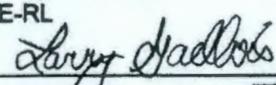
### Section 3: List of Attachments

1. Facility information (building history and characterization).
2. Project photographs.
3. GPERs Survey of the 3707H excavation.

300-FF-2



### FACILITY STATUS CHANGE FORM

		1/25/2013
DOE-RL		Date
		Jan 29, 2013
Lead Regulator	<input checked="" type="checkbox"/> EPA <input type="checkbox"/> Ecology	Date

**DISTRIBUTION:**

EPA: Larry Gadbois, B1-46  
 Ecology: Rick Bond, H0-57  
 DOE: Rudy Guercia, A3-04  
 Document Control, H0-30  
 Administrative Record, H6-08 (300-FF-2 OU)

SIS Coordinator: Ben Cowin, H4-22  
 D4 EPL: Chris Strand, L4-45  
 Sample Design/Cleanup Verification: Theresa Howell, H4-22  
 FR Engineering: Eric Ison, L4-32  
 FR EPL: Chris Strand, L4-45

## Attachment 1: Facility Information

### Building Histories:

#### 3707H Craft Change House

The 3707H was constructed in 1979 and was located north of Apple Street and west of the 3731A Building. The building served as a change room facility for Operations Support Services crafts and was a single-story, insulated, modular-type, structure placed on a reinforced concrete footing and slab. The exterior walls were polyurethane insulating core between reinforced pre-cast concrete. The building included shower/change room space and restroom facilities for men and women.

#### 3707H Characterization

Table 1 summarizes the industrial hygiene, radiological control, and asbestos samples collected prior to demolition.

**Table 1. Summary of Characterization Surveys at 3707H**

Type	Date	Documented In	Results Summary
Asbestos	June 7, 2006	CCN # 128135	Category I ACM identified in several forms (flooring and mastics).
IH Surveys and Beryllium Characterization	December 21, 2005 May 24, 2012	CCN# 125094 CCN# 165997 (slab only)	Building determined to be Be free. All other contaminants of concern below action levels.
Radiological Surveys	January, 2005	RSR-300PS-05-1185	No radiological contamination identified.

#### Associated WIDS sites:

No WIDS sites were associated with 3707H.

#### Anomalies Discovered During Demolition.

No anomalies were discovered during demolition. Soils beneath the slab and foundation displayed no visual evidence of staining or discoloration. A final GPERS survey of the excavation following below-grade demolition identified no radiological contamination.

## Attachment 2: Project Photographs

**Photograph 1: 3707H looking northeast, December 5, 2005.**



**Photograph 2. Aerial view of 3707H foundation, looking west on December 4, 2012.**



3707H  
FACILITY COMPLETION

**Photograph 3. 3707H excavation looking northwest, January 18, 2013.**



**Photograph 4. 3707H backfilled, looking west on January 25, 2013.**



**Attachment 3: GPERS Survey of the 3707H Excavation  
Prior to Backfill**



↑  
Bkg Location  
348 meters N  
1383 cpm



Site View



Copy

Legend

- NET CPM
- × <2074
  - 2074 - 5000
  - 5000 - 10000
  - 10000 - 25000
  - 25000

Summary Statistics

Coverage File: D4\_021  
Number of Data Pnts: 369  
Type of Survey: gamma  
Max GCPM: 2377  
Avg Bkg CPM: 1383  
Survey Date: 1/21/2013  
Area Surveyed: 60 m<sup>2</sup>  
Project File: ESRFRM130008  
Pdf File: ESRFRM130008C

# 300 D4 3707H Slab Excavation GPERS Radiological Survey Gamma Track Map



Survey Map Prepared By Bruce Coomer, ESI