

**FACILITY STATUS CHANGE FORM**

<b>Date Submitted:</b> January 25, 2013	<b>Area:</b> 300 Area	<b>Control #:</b> D4-300-079
<b>Originator:</b> Chris Strand	<b>Facility ID:</b> 3707H	
<b>Phone:</b> 554-2720	<b>Action Memorandum:</b> Action Memorandum #1	

**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:**

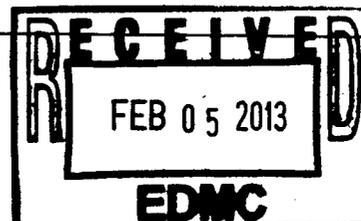
All above-grade structures and foundations were removed. Excavations were backfilled to grade with clean fill. GPERs surveys were performed prior to backfill. No radiological or Industrial Hygiene postings remain.

**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.



### FACILITY STATUS CHANGE FORM

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

**DISTRIBUTION:**

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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.



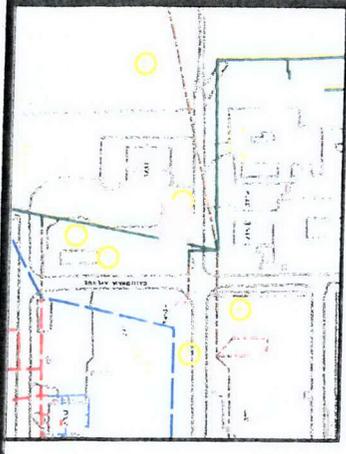
**Photograph 3. 3707H excavation looking northwest, January 18, 2013.**



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

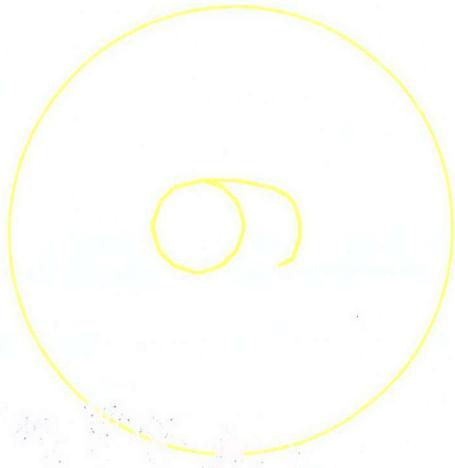


**Attachment 3: GPERS Survey of the 3707H Excavation  
Prior to Backfill**



Site View

Bkg Location  
348 meters N  
1383 cpm



Copy

Legend		Summary Statistics	
NET CPM		Coverage File: D4_021	
X	<2074	Number of Data Pnts: 369	
●	2074 - 5000	Type of Survey: gamma	
●	5000 - 10000	Max GCPM: 2377	
●	10000 - 25000	Avg Bkg CPM: 1383	
●	25000	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