

Control #: D4-300-076

FACILITY STATUS CHANGE FORM

Date Submitted: January 16, 2013	Area: 300 Area	Control #: D4-300-076
Originator: Chris Strand	Facility ID: 326-BA	
Phone: 554-2720	Action Memorandum: Action Memorandum #3	

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 facility prior to beginning removal actions.

The following hazardous materials were removed prior to facility demolition: batteries, Freon, oil, light ballasts, glycol, and miscellaneous construction materials. No asbestos containing materials were identified through inspection and testing. Hazardous material removal and waste disposition was performed in accordance with *Removal Action Work Plan for 300 Area Facilities, DOE/RL-2004-77, Revision 2 (RAWP)*.

Demolition: Above-grade and below-grade demolition of 326-BA was completed in December 2012. The demolition area was backfilled to grade with clean fill. The building debris from demolition was removed and disposed of at ERDF. The demolition was performed with 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:

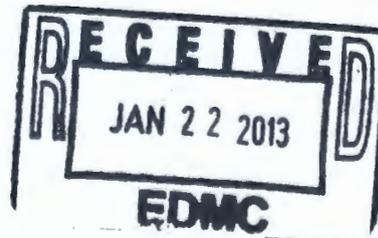
All above-grade structures and foundations were removed. The Excavation was backfilled to grade with clean fill. GPERs surveys were performed prior to backfill. No radiological or Industrial Hygiene postings remain.

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

300-15 process sewer segments remain in the area and will undergo remediation as part of the 300-FF-2 Operable Unit.

Section 3: List of Attachments

1. Facility information (building history, characterization and identification of documented waste sites).
2. Project photographs.
3. GPERs Survey of the 326-BA excavation.



FACILITY STATUS CHANGE FORM

DOE-RL

Larry Gadbois

Date

1/16/13
Jan 17, 2013

Lead Regulator

EPA

Ecology

Date

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FR Engineering: Eric Ison, L4-32

FR EPL: Chris Strand, L4-45

Attachment 1: Facility Information

Building History:

326-BA

The 326 Boiler Annex (326-BA) was constructed in 1997 and was located northeast of the 326 building and south of the 382-D water tank. 326-BA was pre-engineered metal building set on a concrete slab. The building housed two natural gas fired boilers that provided steam to the 326 Building following shutdown of the 384 Powerhouse. The building was connected to the process sewer and discharged condensate and boiler blow-down effluent.

326-BA Characterization:

Table 1 summarizes the industrial hygiene, radiological control, and asbestos samples collected on facility components that were demolished.

Table 1. Summary of Characterization Surveys at the 326-BA.

Type	Date	Documented In	Results Summary
Asbestos	April 26, 2012	CCN # 166144	No ACM identified through inspection and testing.
IH Surveys and Beryllium Characterization	November 17, 2011	BFA-326BA-2011-11-17	Facility determined to be Be free. All other contaminants of concern below action levels.
Radiological Surveys	November 17, 2011	RSR-300PS-11-5126	No radioactive contamination identified.

Associated WIDs sites:

300-15 process sewer segments remain in the area.

Anomalies Discovered During Demolition.

No anomalies were observed during the demolition of the 326-BA. Soil beneath the building displayed no visual evidence of staining or discoloration. GPERS surveys following below-grade demolition identified no contamination.

Attachment 2: Project Photographs

**Photograph 1: Pre-demolition photograph of 326-BA, looking south
(March 30, 2006)**



**Photograph 2. Looking 326-BA backfilled, looking south.
(January 14, 2013)**



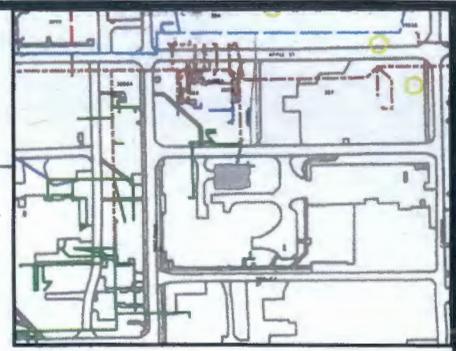
**Photograph 3. 326-BA backfilled, looking east.
(January 14, 2013)**



**Attachment 3: GPERS Survey of the 326-BA Excavation
Prior to Backfill**



↑
Bkg Location
430 meters N
1395 cpm



Site View



Copy

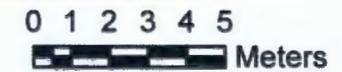
Legend

- NET CPM
- × <2092
- 2092 - 5000
- 5000 - 10000
- 10000 - 25000
- 25000

Summary Statistics

Coverage File: D4_003
 Number of Data Pnts: 196
 Type of Survey: gamma
 Max GCPM: 1924
 Avg Bkg CPM: 1395
 Survey Date: 1/3/2013
 Area Surveyed: 138 m²
 Project File: ESRFRM130001
 Pdf File: ESRFRM130001C

300 D4
326-BA Excavation
GPERS Radiological Survey
Gamma Track Map



Survey Map Prepared By Bruce Coomer, ESI