

[0091994]

Control #: D4-300-069

FACILITY STATUS CHANGE FORM

Date Submitted: Aug 13, 2012	Area: 300 Area	Control #: D4-300-069
Originator: John Harrie	Facility ID: 305A & 3232	
Phone: 509.308.9935	Action Memorandum: 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:

Demolition: Above-grade demolition of the 305A and 3232 Buildings were completed in 2004. The foundation slabs were demolished in August of 2012 and the debris loaded out to EDRF. Work was performed under Radiological and Industrial controls.

Description of Deferral (as applicable):

None

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:

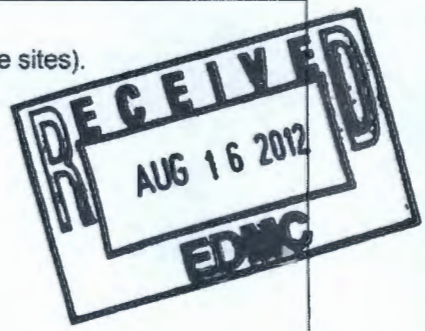
The 305A and 3232 Building slabs were demolished in August of 2012. The foundation debris were loaded out to EDRF. Approximately 2 to 3-feet a soil was removed during slab removal and the excavation was backfilled to grade with clean imported fill. A GPERS survey is included as Attachment 3.

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

300-15 Process sewer was removed from below 305A to the eastern excavation layback.

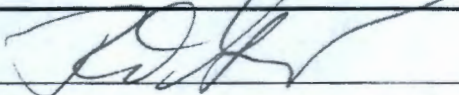
Section 3: List of Attachments

1. Facility information (building history, characterization and identification of documented waste sites).
2. Project photographs.
3. GPERS Survey



300-FF-2

FACILITY STATUS CHANGE FORM

		<u>8/14/2012</u>
DOE-RL	<u>Larry Gadbois</u>	Date
Lead Regulator	<input checked="" type="checkbox"/> EPA <input type="checkbox"/> Ecology	<u>Aug 15, 2012</u>
		Date

DISTRIBUTION:

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 Ecology: Rick Bond, H0-57
 DOE: Rudy Guercia, A3-04
 Document Control, H0-30
 Administrative Record, H6-08

SIS Coordinator: Ben Cowin, H4-22
 D4 EPL: Chris Strand, L7-10
 Sample Design/Cleanup Verification: Megan Proctor, H4-22
 FR Engineering: Joe Delaney, L6-06
 FR EPL: Chris Strand, L7-10

Attachment 1: Facility Information

Building History:

The 305A Nine Tube Test Facility was a 24' x 84' single-story wood framed structure constructed on a slab on-grade. The 305A Building was built in the late 1940s to house a mock-up of nine process tubes used to study tube bowing and pile distortion using screw and hydraulic jacks. In the 1960s the 305A Building was used for storage. In the 1990s the 305A Building was used as an electrician and pipefitters shop.

The 3232 Storage Building was erected in the 1990s and consisted of a wood truss farmed roof with metal roofing and siding built onto three Connex boxes. The 3232 Building was used to store piping and tools.

The 305A and 3232 Building were located west of the 351 Sub-Station in the northern 300 Area.

Building Characterization: Table-1 summarizes the industrial hygiene and radiological surveys performed at the 305A and 3232 Buildings.

Table-1. Summary of Characterization Surveys at 305A and 3232.

Type	Date	Documented In	Results Summary
IH Surveys and Beryllium Characterization	March 13, 2012	CNN # 163972	Found no metals of concern.
	March 13, 2012	CNN # 163974	
Radiological Surveys	April 4, 2012	RSR-300PS-12-1170	No radiological contamination was identified.
	April 3, 2012	RSR-300PS-12-1171	

Prior to removal, the 305A and 3232 slabs were surveyed and no radiological contamination was observed. Because the buildings were non-radiological, the final GPERS surveys were performed at 20% coverage.

Associated WIDs sites:

300-15 – Process Sewer was removed to the eastern excavation layback. The piping was loaded out and transported to EDRF.

Anomalies Discovered During Demolition.

No anomalies were reported during the removal of 305A and 3232 slabs. Soils were inspected prior to backfill, no staining or discoloration was observed.

Attachment 2: Project Photographs

Figure 1: Looking north at 305A in June of 2003.



Figure 2. Looking east at 3232 in January of 2002.



Figure 3. 305A and 3232 Slabs prior to demolition on May 2, 2012.



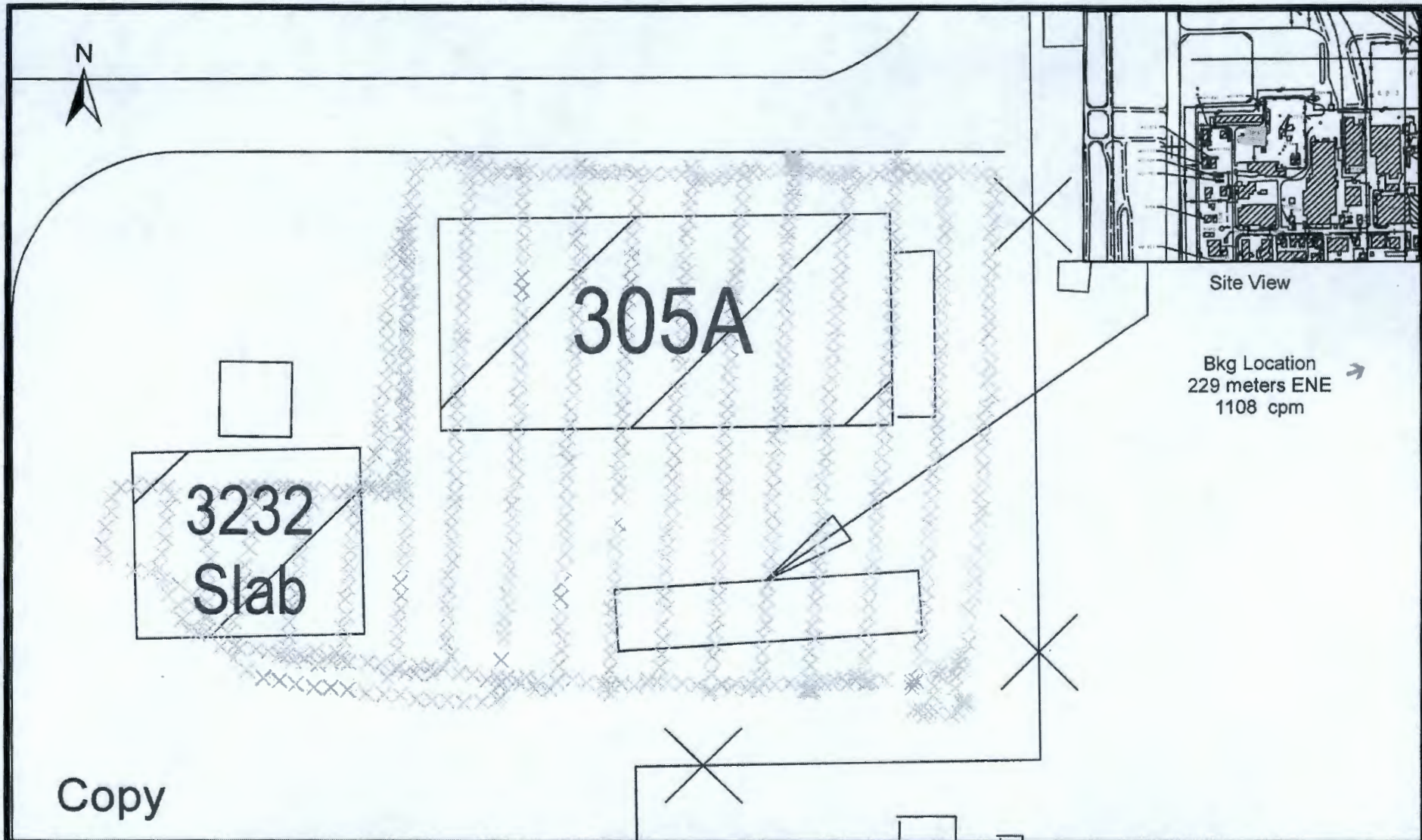
Figure 4. Looking east at 305A and 3232 following slab removal on August 8, 2012.



Figure 5. Looking northeast at 305A and 3232 following backfill on August 13, 2012.



Attachment 3: GPERS Survey



Legend

- NET CPM
- × <1662
 - 1662 - 5000
 - 5000 - 10000
 - 10000 - 25000
 - 25000

Summary Statistics

Coverage File: D4 220
 Number of Data Pnts: 866
 Type of Survey: gamma
 Max GCPM: 1817
 Avg Bkg CPM: 1108
 Survey Date: 8/7/2012
 Area Surveyed: 1100 m²
 Project File: ESRFRM120119
 Pdf File: ESRFRM120119C

**300 D4
 305A/3232
 GPERS Radiological Survey
 Gamma Track Map**



Survey Map Prepared By Bruce Coomer, ESI