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[0064412H]

## FACILITY STATUS CHANGE FORM

Date Submitted: 10/23/18 Area: 200E Control Number: D4-Outer Area-106

Originator: Deanna B. Rohlfing Facility ID: 2711EC Phone: 376-3313

## Action Memorandum/Removal Action Work Plan:

DOE/RL-2010-22, R1 1221410  
DOE/RL-2010-33 0088779

This form documents the status of facility decontamination, deactivation, decommissioning, and demolition operations or debris removal in accordance with the applicable regulatory decision documents.

**Section 1: Facility Status** All D4 operations required by action memo complete.**Description of Completed Activities and Current Conditions:**

Demolition operations and debris removal were completed in accordance with the "Removal Action Work Plan for Central Plateau General Decommissioning Activities", DOE/RL-2010-33 Rev. 0 and the "Action Memorandum for General Hanford Site Decommissioning Activities", DOE/RL-2010-22, Rev. 1.

The 2711EC facility was a 12x10 storage shed used for small equipment and tool storage for the 200 East Garage. The facility was not in a radiological area and a survey confirmed no radiological contamination was present. Beryllium verification reports determined 2711EC was a beryllium cleared facility based on field observations and sampling data. No utilities were connected to the facility. The metal building was declared as excess material and was disposed of as scrap metal.

**Total D4 Cost for the Facility:**

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 a separate CERCLA Response Action.
- Potential waste site discovered during D4 operations. Waste site identification number <to be> assigned. Cleanup and closeout to be addressed under a separate CERCLA Response Action.

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

The 2711EC facility was removed to grade and a concrete slab remains in place. There are no remaining above-grade structures or debris associated with the 2711EC facility. The slab is currently used as a storage area for vehicle maintenance.

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

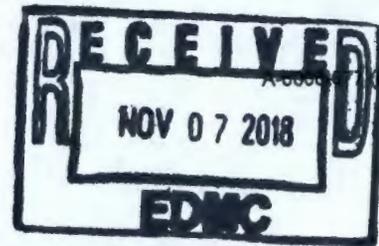
The facility was not within a waste site, nor in a radiological area.

**Section 3: List of Attachments**

- Attachment 1: Photos of 2711EC prior to demolition
- Attachment 2: Change Notice for Hanford Facility
- Attachment 3: MSA Declaration of Excess with Certification of Scrap Metal For Recycling
- Attachment 4: Radiological and Beryllium Verification Survey Reports

Robert Long  
DOE-RL Print First and Last NameR Long  
Signature10/23/2018  
Date

NOTE: The information on this form also satisfies the related DOE 430.1B Facility Closeout Reporting Requirements.



132041

**FACILITY STATUS CHANGE FORM (continued)**

Date Submitted:

Area: 200E

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**Attachment 1**

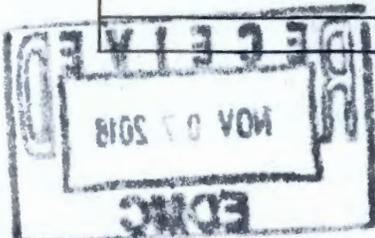
**Photo of 2711EC Prior to Demolition**



2711EC - Prior to Demolition. (above)



271EC- Prior to Demolition (above)



**FACILITY STATUS CHANGE FORM (continued)**

**Date Submitted:** \_\_\_\_\_ **Area:** 200E **Control Number:** D4-Outer Area-106

**Attachment 2  
Change Notice for Hanford Facility**

**CHANGE NOTICE FOR HANFORD FACILITY**

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Send To Facility Number Administrator -- Paula Kelly - 03-55

From: Calvin Little Phone: \_\_\_\_\_ Date: 5-11-2015

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Area: 200E

Building No: 2711EC

Mobile Office No: \_\_\_\_\_

Contractor Trailer No: \_\_\_\_\_

Cargo Container No: \_\_\_\_\_

Facility Description: Equipment Storage for 25 Garage

SAMS Asset ID: F270602

Responsible Company: M3A

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Mobile moved // Area (from \_\_\_\_\_ to \_\_\_\_\_)  
(Attach Sketch of New Location)

Mobile Removed from Site (date \_\_\_\_\_)

Mobile Dem'd (date \_\_\_\_\_)

Building Dem'd (date: 5/11/2015)

Contractor Trailer (CT) Removed (date \_\_\_\_\_)

Cargo Container relocated (area \_\_\_\_\_ to \_\_\_\_\_)  
(Attach sketch/map of new location)

Remove from Occupancy Pool

Add to Occupancy Pool

Change Facility Description/Utilization \_\_\_\_\_

Other \_\_\_\_\_

Comments \_\_\_\_\_

ENT'D MAY 11 2015

A-6006-677 (REV 2)

**FACILITY STATUS CHANGE FORM (continued)**

Date Submitted:

Area: 200E

Control Number: D4-Outer Area-106

Kelly, Paula L

**From:** Selle, Calvin C  
**Sent:** 11 May, 2015 2:09 PM  
**To:** Kelly, Paula L  
**Cc:** Thompson, Rick E  
**Subject:** 2711EC Building

Paula,

The 2711EC Building has been removed and is scheduled to be hauled away as scrap metal. This building is a small tin shed like you would buy at Home Depot. The building was all dented in and was falling apart....nothing lasts forever.

If you need more info. please let me know.

Thanks,

*Calvin Selle*

BTR Fleet Services Contracts  
Mission Support Alliance, LLC  
Office 876-6537 Cell 808-8937



**FACILITY STATUS CHANGE FORM (continued)**

Date Submitted:

Area: 200E

Control Number: D4-Outer Area-106

**Attachment to the "Declaration of Excess"  
CERTIFICATION OF SCRAP METAL FOR RECYCLING**

Please check one of the two blocks and sign below.

- The scrap metal described in this Declaration of Excess has not been in a radiological area (a "radiation area," "high radiation area," "very high radiation area," "contamination area," "high contamination area" or "airborne radioactivity area" as defined in 10 CFR 835).
- The metal described in this Declaration of Excess was previously released from a radiological area (a "radiation area," "high radiation area," "very high radiation area," "contamination area," "high contamination area" or "airborne radioactivity area" as defined in 10 CFR 835) for the purpose of reuse and not for the purpose of recycling. The metal was last used and/or stored within an area that was not a radiological area as defined in 10 CFR 835.
- The scrap metal described in this Declaration of Excess has been located in a radiation area, high radiation area, or very high radiation area (as defined in 10 CFR 835). The radiation area, high radiation area, or very high radiation area was down posted (in accordance with the requirements of 10 CFR 835) for some purpose other than releasing scrap metal for recycling, resulting in the scrap metal no longer being in such an area.

**Form must be signed by the Custodial Manager or Radiological Control Technician Supervisor.**

Type or Print Name: Calvin Sefie *ET Handelman*

Custodial Manager or Radiological Control Technician Signature: *Eg Handelman*

Date: 6/16/15 6-24-15

Declaration of Excess Property Management Control No.: \_\_\_\_\_

A-6003-148 (REV 4)

## FACILITY STATUS CHANGE FORM (continued)

Date Submitted:

Area: 200E

Control Number: D4-Outer Area-106

### Attachment 4

### Beryllium Verification and Radiological Survey Reports

#### Beryllium Verification Report 200E/2711EC March 12, 2015

##### Executive Summary

On August 8, 2013 Mission Support Alliance initiated the verification of the 2711EC building. The beryllium facility assessment and two verification samples determined that 2711EC is beryllium cleared. The remaining uncharacterized electrical distribution equipment is subject to future assessment.

##### Introduction & Discussion

On August 8, 2013, a beryllium facility assessment (BFA) walk down was completed. Subsequent steps included completion of the BFA, Beryllium Sample Plan (BSP), sample collection and beryllium characterization report (BCR). These tasks were part of a MSA project to initiate assessment of assigned facilities in accordance with the Department of Energy (DOE) 0342, *Hanford Site Chronic Beryllium Disease Prevention Program (CBDPP)* and pending revisions.

The BFA walk-down was conducted with worker representatives, building management and Industrial hygienists. Assessment findings are documented in the Site Wide Industrial Hygiene Database (SWIHD) on the BFA Form, *Baseline Hazard Assessment (BHA) 0212-Rev0 - 2711EC Equipment Storage for 2E Garage Beryllium Facility Assessment and Sampling* and in the Site Wide Industrial Hygiene Database (SWIHD) form BFA-B-60154-Rev0 - 200E - 2711EC *Equipment Storage for 2E Garage*.

The 2711EC facility is a metal shed mounted on railroad ties. It was constructed in 1984 and is used to store equipment for fleet maintenance. There are no reports of beryllium tools stored or other tool maintenance conducted in the building. Verification sample collection was performed throughout the building because no areas of concern were identified other than electrical distribution equipment (EDE).

##### Sample Strategy & Methodology

On August 30, 2013, the verification BSP was completed in accordance with DOE-0342-002. Two sample locations were required by the BSP with a bulk sample collected at each location. See Attachment 1.0 for the Beryllium Sample Plan. See Attachment 2.0 for the Picture Layout.

2711EC Beryllium Verification Report  
Page 1

**FACILITY STATUS CHANGE FORM (continued)**

Date Submitted:

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**Deviations**

Sample collection was completed in accordance with DOE-0342 and the BSP. There were no deviations.

**Data Summary**

On August 30, 2013, two bulk samples (survey 13-60762) were collected from 2711EC and submitted for laboratory analysis. The highest measurable concentration in the bulk samples was 0.260 µg/g. All sample concentrations were below the DOE trigger level of 1.0 µg/g. See Attachment 3.0 for Summary of Analytical Data.

**Conclusions/Recommendations**

Based on the analytical data, 2711EC is beryllium cleared. Electrical distribution equipment may be subject to future evaluation. No further action is required and routine tasks do not require beryllium controls. If a specific task in the future could involve the introduction of beryllium containing materials into the facility, reassessment by an industrial hygienist is required.

**References**

- DOE-0342, Rev 1, 2012, *Hanford Site Chronic Beryllium Disease Prevention Program*. U.S. Department of Energy, Richland Operations Office, Richland, Washington.
- Draft DOE 0342-002, Rev 1a, 2012, *Hanford Site Assessment & Characterization/Verification of Buildings Procedure*. U.S. Department of Energy, Richland Operations Office, Richland, Washington.
- Mission Support Contract, Section J15, Contract No. DE-AC06-09RL14728, Modification 059.
- Site Wide Industrial Hygiene Database (SWIHD) Surveys:
  - IHSP-13-00206, 200E/2711EC Fleet Storage Shed Beryllium Characterization/Verification Sample Plan, 8/30/2013
  - 13-60762, Bulk Survey, 2711EC Storage Shed Beryllium Sampling, 8/30/2013
  - BHA0212-Rev0 - 2711EC Equipment Storage for 2E Garage Beryllium Facility Assessment and Sampling, 12/17/13
  - BFA-B-60154-Rev0 - 200E - 2711EC Equipment Storage for 2E Garage

**Signatures**

Completed By: Farah Elloy

Reviewed By: Kristine Bowen

3/17/15

**FACILITY STATUS CHANGE FORM** (continued)

Date Submitted:

Area: 200E

Control Number: D4-Outer Area-106

**Attachments**

- 1.0 Beryllium Sample Plan
- 2.0 Picture Layout
- 3.0 Summary of Analytical Data

**FACILITY STATUS CHANGE FORM** (continued)

**Date Submitted:**

**Area:** 200E

**Control Number:** D4-Outer Area-106

**1.0 Beryllium Sample Plan**

Date Submitted:

Area: 200E

Control Number: D4-Outer Area-106

**FACILITY STATUS CHANGE FORM (continued)**

<b>BERYLLIUM CHARACTERIZATION/VERIFICATION SAMPLING PLAN</b>	
<b>Job Information:</b>	
a) Title:	Beryllium Characterization/Verification Sampling of 2711EC (IHSP-13-00206)
b) Location:	2711EC - Equipment Storage for 2E Garage
c) Purpose:	<input type="checkbox"/> Complete Characterization <input type="checkbox"/> Partial Characterization <input checked="" type="checkbox"/> Verification Sampling
<b>Identified Survey Units:</b> 2711EC will be treated as a single survey unit and use biased random sampling. This building is considered a small survey unit (120 sq ft).	

Survey Unit	Historical Sample Data	Identified Sample Locations	<b>ADD ROW</b>	Required Number of Sample Points For Survey Unit
1	None	Entire building.	+	2
			+	2
			+	2
			+	2
			+	2
			+	2
			+	2
			+	2

**Personal Protective Equipment:**  
 The IH collecting samples will use disposable gloves, safety glasses.

**FACILITY STATUS CHANGE FORM (continued)**

Date Submitted:

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<b>BERYLLIUM CHARACTERIZATION/VERIFICATION SAMPLING PLAN</b>		
<b>Work Practices:</b> Care will be taken to avoid disturbance of dust. Hands will be washed after task completion.		
<b>Sample Analysis:</b> <input checked="" type="checkbox"/> Beryllium is only analyte <input type="checkbox"/> Other metals required with beryllium (list metals):  <input type="checkbox"/> Special analysis required (provide details):		
<b>Comments/Deviations</b> Collect a bulk or a wipe sample in each sample location. Total Sample locations are determined using Section 4.7.1 "Standard Survey Units" of DOE-9342-902 and the "Interim Action" (attachment J-15 Sampling Protocols for Buildings of contract No. DE-AC06-09RL14728).  Personal air samples will be collected at least one day on an IS performing characterization surface/bulk sampling.		
Kristine Bowen Prepared By:	_____ <i>Print Name</i>	_____ <i>Signature</i>
		8/28/2013 <i>Date</i>
Silvette Boyajian Approved By:	_____ <i>Print Name</i>	_____ <i>Signature</i>
		8/30/2013 <i>Date</i>

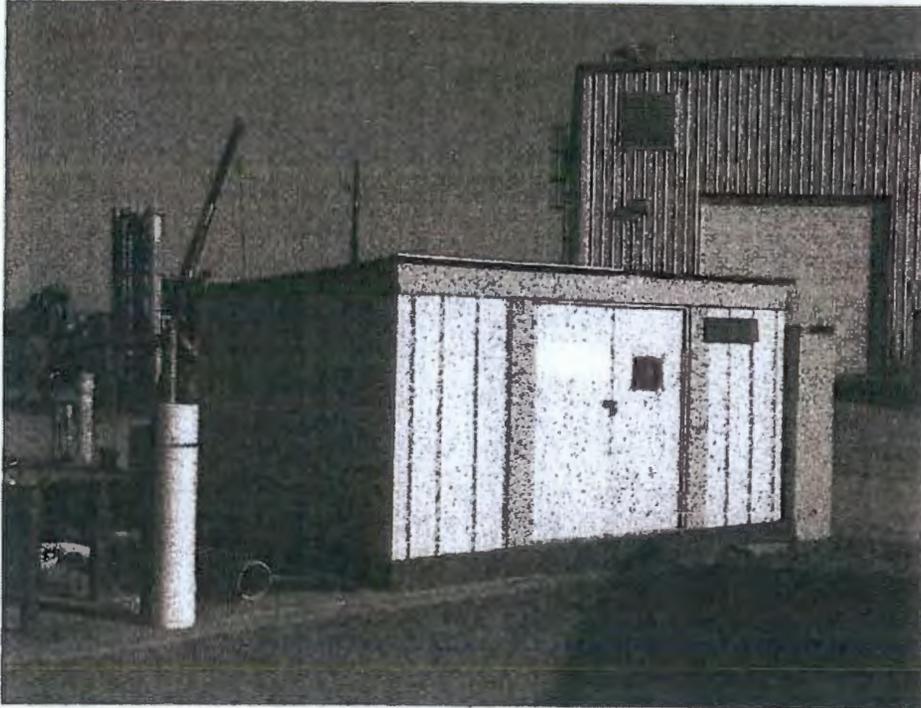
**FACILITY STATUS CHANGE FORM (continued)**

Date Submitted:

Area: 200E

Control Number: D4-Outer Area-106

**2.0 Picture Layout**



2711EC Beryllium Verification Report

**FACILITY STATUS CHANGE FORM (continued)**

Date Submitted:

Area: 200E

Control Number: D4-Outer Area-106

**3.0 Summary of Analytical Data**

**Table 1. 2711EC Beryllium Bulk Sample Analytical Data**

Sample Number	Survey Date	Sample Data ( $\mu\text{g/g}$ )	Control Level ( $\mu\text{g/g}$ )	Location Details
13-60762-001	8/30/2013	0.260	2.0	Front floor
13-60762-002	8/30/2013	0.240	2.0	Back floor



## FACILITY STATUS CHANGE FORM (continued)

Date Submitted:

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MSA RADIOLOGICAL SURVEY REPORT				DATE (MMDDYYYY) 06/23/2015				TIME (START/STOP) 0600 / 1630											
No.	Description	CONTAMINATION MEASUREMENTS								DOSE RATE MEASUREMENTS NOTE 1 F = Field (≥80 cm) C = Contact (≤1 cm)									
		Bag cpm		Gross Direct cpm/PA		Total dpm/100 cm <sup>2</sup>		Removable cpm/100 cm <sup>2</sup>		Det. Rate <sup>1</sup> cpm	WO mR/hr	WC mR/hr	CF β	CF γ	Neutron Dose mrem/hr	Equivalent Dose to Skin mrem/hr	Equivalent Dose to Whole Body mrem/hr	Micro Rxn growth	
		βγ	α	βγ	α	βγ	α	βγ	α										
1	98-4435 CORNEX BOXES OUTSIDE 2711-E DIRECT SURVEYS	50	0.0	50	0	<0	<0	N/A											
1	LAD OF CORNEX BOXES	50	0.0	N/A				<0.05W	<0.05W	N/A									
1	RCV 65-11601 BENCH AREA	50	0.0	50	0	<0	<0	<1000	<20	N/A									
3	(1) ROSE	50	0.0	50	0	<2000	<100	<1000	<20	N/A									
3	RCV 177-5494 WHEEL REMOVAL	50	0.0	50	0	<0	<0	<1000	<20	N/A									
4	HOOP CAN AND WARE SURVEY	50	0.0	50	0	<0	<0	<1000	<20	N/A									
6	WORKERS GLOVES	50	0.0	50	0	<0	<0	N/A											
5	F.O.M. FOR EXCESS THROUGH METAL LOAD LOGGING #120	50	0.0	50	0	<0	<0	N/A											
N/A																			
N/A																			
N/A																			
N/A																			
N/A																			
N/A																			
N/A																			
N/A																			
N/A																			
Comments (Additional information as necessary to interpret results)																			
1 DIRECT AND LAD SURVEYS OF CORNEX BOXES TO INCLUDE INDIVIDUALS AND EQUIPMENT. CORNEX BOXES CC0602, CC0602B5, CC06257, CC2809B4, CC1066, CC06258, CC1067, CC1220 AND CC280260. NO PROBLEMS. 2 SURVEYED BENCH AREA TO REPLACE BUSTED ROSE, RELEASED ROSE FOR DISPOSAL. NO PROBLEMS. 3 SURVEYED AREAS AFTER WHEEL REMOVAL. NO PROBLEMS. 4 THREW HOOP CAN OFF OF HOOP CAN TO PLACE (2) BAGS OF DIRT INTO CAN. RAN SURVEY AT END OF JOB. NO PROBLEMS. 5 SCRAP METAL CONVERTED ON A WEEKLY BASIS TO CHECK METAL IN BIN. ONCE BIN FULL, PUT UNLOADED METAL TUBES FOR DISPOSAL. NO PROBLEMS. N/A																			
RWP No. 58-410 58-181	Area/Bldg./Room/Location 200-E/2711-E/ENRAGE				Facility Code 58	Page 2 of 2	Survey Report No. 58-15-1039	A-6006-606R (REV 8)											