1250474
[0064413H]

FACILITY STATUS CHANGE FORM

Date Submitted: 10/22/2018	Area: 600	Control Number: D4-Outer Area-192
Originator: Deanna B. Rohlfing	Facility ID: 2901W	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 removal of debris was removed 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.

Demolished on September 22, 2016, the 2901W Facility was the export water line valve vault located in the 600 Area. It was 16 feet in diameter, with a below grade volume of 1809.56 cubic feet, and approximately 10' SE of the 2901Z Valve House in the 200-E Ponds Zone.

Actions implemented for 2901W include:
• Demolition was conducted as part of Reliabiity Project L-525 to replace the 24" water export line from 2901Y to 200 West. Concrete block material was sent to Pit 9, metal material was surveyed, released, and sent off site to be recycled.
• Decontamination, fixation of contamination and isolation of systems, as needed, to facilitate demolition.
• Sampling plans to support waste characterization and disposal activities in accordance to EPA developed data quality objectives as needed.

Total D4 Cost for the Facility:
Costs associated were part of the larger scope for Reliabity Project L-525.

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 ground was backfilled to grade, prepped, and revegetated per the Project Specific Revegetation Plan.

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

Section 3: List of Attachments

Attachment 1: Photos of 2901W before and after demolition.
Attachment 2: Facility Modification Package Form (Pages 1-3, and 11)
Attachment 3: Status Change Notice Form SCN-2018-485

RECEIVED
NOV 07 2018
A-6006-677 (REV 4)
EDMC

12

FACILITY STATUS CHANGE FORM (continued)		
Date Submitted: 10/22/2018	Area: 600	Control Number: D4-Outer Area-192
Robert Long DOE-RL Print First and Last Name	R Long Signature	10/23/2018 Date

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

FACILITY STATUS CHANGE FORM (continued)		
Date Submitted: 10/22/2018	Area: 600	Control Number: D4-Outer Area-192

Attachment 1

Photos of 2901W Prior to and Post Demolition

2901W – Prior to Demolition (above).

2901W – Prior to Demolition (above).

FACILITY STATUS CHANGE FORM (continued)

Date Submitted: 10/22/2018	Area: 600	Control Number: D4-Outer Area-192

Photo of excavation during export water line upgrade on 8/11/16 with 2901W shown on left (above).

Northwest view of post-demolition (above).

FACILITY STATUS CHANGE FORM (continued)

Date Submitted: 10/22/2018	Area: 600	Control Number: D4-Outer Area-192

Southeast view of post-demolition (above).

FACILITY STATUS CHANGE FORM (continued)		
Date Submitted: 10/22/2018	Area: 600	Control Number: D4-Outer Area-192

Attachment 2

Facility Modification Package Form

ECR-17-000637

FMP (FACILITY MODIFICATION PACKAGE) FORM Page 1 of 21

Design Package Identification

1. Mod Title:
200E, 200W: show the new EXPORT WATER lines on ESSENTIAL water maps

Key Words:
EXPORT WATER, RAW WATER

2. Project No./Work Package No.:
L-419, L-525, L-840

3. Review Designators:
NA ☒ D ☐ P ☐ E ☐ N ☐ R ☐ I ☐ F ☐ Q ☐

Additional Reviewers:
☐ ☐ ☐ ☐ ☐ ☐

8. Release:
Release CACN 404706

DATE: Mar 21, 2018 RELEASE

Mar 21, 2018 (44)

☐ Cancel, No Field Work
☑ Modification Work Complete and Field Verified
☐ Not Approved/Archive

KM Siemion 3/21/18
Design Authority Print/Signature/Date

4. Area	5. Building	6. System No.	7. FMP Author
200E	2901Y	INFRA-EW	BA Messinger
200W	282E	INFRA-RW	
	282EA		

9. USQ Required? ☐ USQ ☐ CX ☒ NA No.:

10. Environmental Activity Screening Form Completed? ☐ YES ☒ NO
If Yes, is the Environmental Activity Form Attached? ☐ YES ☐ NO

11. Distribution - Name	MSIN	Distribution - Name	MSIN
SL Camp	S0-20	R Tronstad	S0-20
KM Siemion	S0-20		
BA Christensen	S0-19		
KJ Bartlett	S0-20		
BA Messinger	S0-19		
BA Neuman	S0-20		
HJ Winkel	S0-20		

12. Change Description (description and reason for requested change):
Update P&IDs & Water Distribution Maps to show the EXPORT WATER lines which were installed per L-419, L-525 & L-840 (DWG-01 through DWG-1B).

H-2-830461 & H-2-830463 sheets:
Update drawing background (buildings and roads).

Approvals

13. FMP Author	Design Authority	Engineering Management
BA Messinger 3/20/2018	KM Siemion 3/21/18	DL Meyers 3/21/18
Print/Signature/Date	Print/Signature/Date	Print/Signature/Date
Title	Title	Title
Print/Signature/Date	Print/Signature/Date	Print/Signature/Date

14. Document Index

Action	Document Number	Sh/Pg	Rev	E/S	FMP Section Title	FMP Page	Release To Work?
RWC	H-1-71269	1	23	E	DWG-01 & DWG-02	4 & 5	☒
RWC	H-1-71269	2	9	E	DWG-03 & DWG-04	6 & 7	☒
RWC	H-1-71269	5	5	E	DWG-05	8	☒
RWC	H-1-71269	7	6	E	DWG-06 & DWG-07	9 & 10	☒

A-6003-082 (REV 2)

FACILITY STATUS CHANGE FORM (continued)

Date Submitted: 10/22/2018	Area: 600	Control Number: D4-Outer Area-192

ECR-17-000637

FMP (FACILITY MODIFICATION PACKAGE) FORM (continued)

RWC	H-2-830461	4	2	E	DWG-08 & DWG-09	11 & 12	☒
RWC	H-2-830461	8	1	E	DWG-10 & DWG-11	13 & 14	☒
RWC	H-2-830461	9	11	E	DWG-12	15	☒
RWC	H-2-830461	13	6	E	DWG-13 & DWG-14	16 & 17	☒
RWC	H-2-830463	6	4	E	DWG-15 & DWG-16	18 & 19	☒
RWC	H-2-830463	7	1	E	DWG-17 & DWG-18	20 & 21	☒

15. Related FMPs/Changes:	16. Incorporated FMPs/EDCs/ECNs/DCNs:
ECR-17-001044	
17. Lead Engineering Discipline:	**18. Affected Engineering Disciplines:**
Mechanical	

Modification Bases

19. *Engineering Request or Proposal:* CACN 404706

Incorporate as-built information into water distribution drawings.

20. Change Status of Engineering Documents to be Modified:

Document Number	*Sh/Pg*	*Rev*	*ES*	Outstanding ECN(s), DCN(s), FMP(s)	Work Complete?
H-1-71269	1	23	E	NONE	NA
H-1-71269	2	9	E	NONE	NA
H-1-71269	5	5	E	ECR-16-000691	NO
H-1-71269	7	6	E	NONE	NA
H-2-830461	4	2	E	NONE	NA
H-2-830461	8	1	E	ECR-17-001715	NO
H-2-830461	9	11	E	ECR-17-000910	NO
H-2-830461	13	6	E	NONE	NA
H-2-830463	6	4	E	NONE	NA
H-2-830463	7	1	E	NONE	NA

Submit List to Document Control for Project Status? ☐ YES ☒ NO

21. Potentially Affected Documents Not Changed By This FMP:

	Document Number/Revision	Document Owner (Organization)	Technical Authority Notified	Date Notified
N/A				

22. Conceptual Evaluations:

Proposal 1: Update drawings to reflect field condition.
Proposal 2: Do Nothing

Proposal 1 accepted.

23. *Functions, Requirements, and Design Criteria:*

Functions:

N/A

Requirements:

Revise drawings to accurately reflect field conditions.

Design Criteria:

N/A drawing change only

24. Post-Installation Acceptance Test Criteria:

A-6003-082 (REV 2)

FACILITY STATUS CHANGE FORM (continued)

Date Submitted: 10/22/2018	Area: 600	Control Number: D4-Outer Area-192

ECR-17-000637 Page 3 of 21

FMP (FACILITY MODIFICATION PACKAGE) FORM (continued)

N/A drawing change only

35. Design Verification:

Verification by: ☒ Peer Review ☐ Formal Design Review ☐ Alternate Calculations ☐ Qualification Testing

Design Verification Record Form (A-6003-845) required per HNF-PRO-8336? ☐ YES ☒ NO

Additional Design Verification Documentation Prepared? ☐ YES ☒ NO

Design Verification Checklist Questions

a. Are the assumptions, functions, requirements, and design criteria appropriately selected? ☒ YES ☐ NO

b. Does the design meet the stated assumptions, functions, requirements, and design criteria? ☒ YES ☐ NO

c. Were the design inputs correctly incorporated into the design? ☒ YES ☐ NO

d. Is the design output reasonable compared to the design inputs? ☒ YES ☐ NO

e. Have suitable materials, parts, processes, and inspections and testing criteria been specified? ☒ YES ☐ NO

f. Have manufacture, maintenance, and operability been adequately addressed in the design? ☒ YES ☐ NO

g. Are all affected active design documents identified and appropriately changed? ☒ YES ☐ NO

A review of the design has been performed. The selected functions, requirements, and design criteria meet the stated engineering request. The verification completed by the method(s) noted that this FMP is accurate, and the design defined by this FMP and related documents meets the stated functions, requirements, and design criteria.

Design Verifier Patrick J. Barnes 3/20/18

Print/Signature/Date

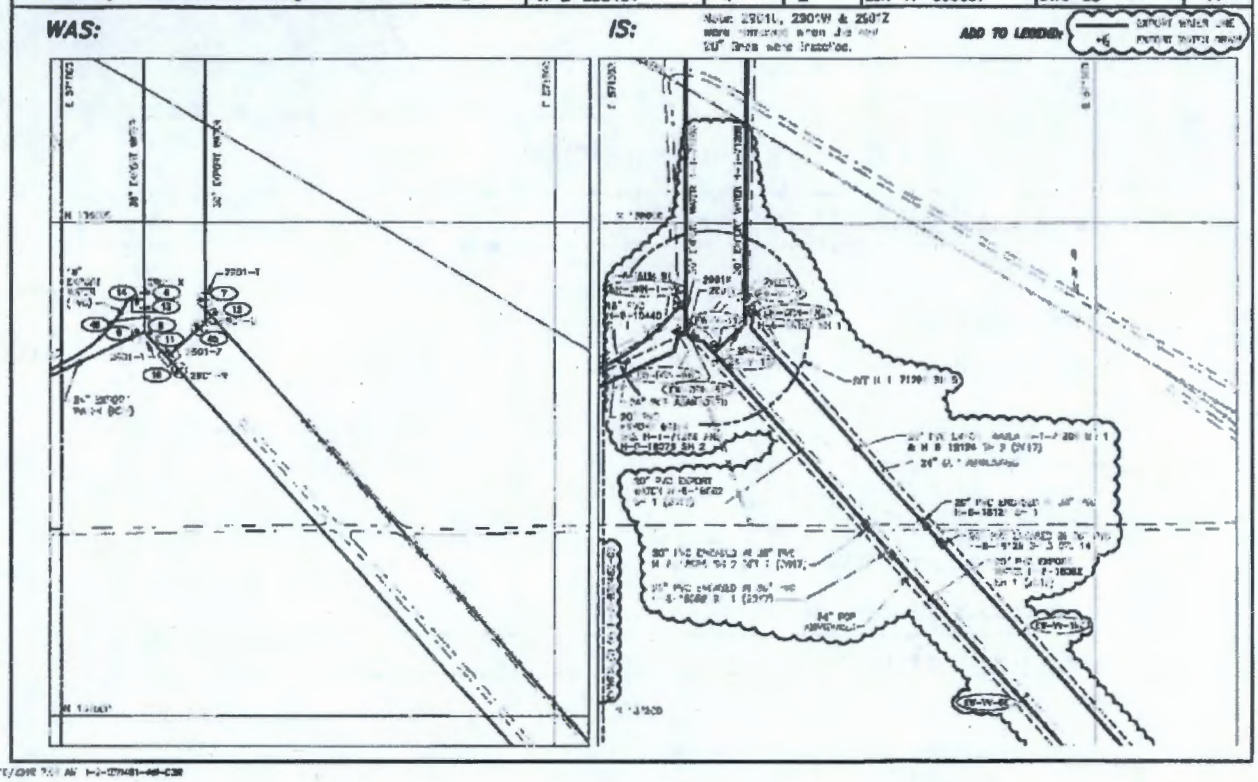
A-6003-082 (REV 2)

FACILITY STATUS CHANGE FORM (continued)

Date Submitted: 10/22/2018	Area: 600	Control Number: D4-Outer Area-192

Facility Modification Package Continuation Page	H-2-830461	4	2	ECR-17-000637	DWG-08	11

WAS: **IS:**



FACILITY STATUS CHANGE FORM (continued)		
Date Submitted: 10/22/2018	Area: 600	Control Number: D4-Outer Area-192

Attachment 3

Status Change Notice Form SCN-2018-485

STATUS CHANGE NOTICE FORM SCN-2018-485		
Requester: Tuan Ho	**Telephone:** 372-1753	**Date:** 10/18/2018
Area: 600 **Building Code:** 2901W **Facility Description:** EXPORT WATER LINE VALVE VAULT **Facility Type:** S **Status Code:** Operating **SAMS Asset ID:** NR **Responsible Company:** MSA **Ownership Code:** Government Owned		
Changes to Existing Record:		
Change Status **From:** Operating **To:** Demolished **Current Status Date:** **Change Date:** 09/22/2016		
Comments: Demolished per submitted construction daily activity report on 9/22/2016 from project L-525 for 2901Z surrounding area.		
Approved by Elizabeth Allard on 10/18/2018		

1

FACILITY STATUS CHANGE FORM (continued)		
Date Submitted: 10/22/2018	Area: 600	Control Number: D4-Outer Area-192

Report No.	CONSTRUCTION DAILY ACTIVITY REPORT	Page 1 of 1

Prepared by: Tony Lusk	Contract/Package No.: L-525/L-840	Date: 9-22-16

Contract/Project: Export Water line replacements	Mo	Tu	We	Th	Fr	Sa	Su
				K			

AVERAGE FIELD FORCE

Company/Name		Craft	Exempt	Overtime Workers	Overtime Hours
Tony Lusk					
Ron Stueen	Glenn Collins				
Joe Travo	John Kaun			10 HR	
Shannon Iverson	M. Rill				
Shane Oldham					

EQUIPMENT AT SITE

Type/Model/Status	Inspected (Y) (N)
450 Hitachi	Y
350 Hitachi	Y
225 Deere	Y
624 H Z Wheel	Y
160 WT	Y

WEATHER–WIND–TEMPERATURE

Bright [ ] Rain [ ] Snow [ ] Cloudy [X]

Calm [ ] Slight Breeze [X] High Wind [ ]

To 31	32-49	50-69	70-84	85-Up
[ ]	[ ]	[ ]	[ ]	[X]

1. Progress 2. Safety 3. Discussions 4. Changes 5. General (Problems/Reasons for poor performance, etc.)

Excavate Around 2901-Z for Demo Prep

Con. Excavating (Hand) for Fire Hyd

Install (4) Casings & Finish

Backfilling Drains

A-6003-054 (07/06)

FACILITY STATUS CHANGE FORM (continued)

Date Submitted: 10/22/2018	Area: 600	Control Number: D4-Outer Area-192

Report No.	CONSTRUCTION DAILY ACTIVITY REPORT	Page 1 of 1

Prepared by: Tony Lusk	Contract/Package No.: L-525/L-840	Date: 9-23

Contract/Project: Export Water Enc replacements	Mo	Tu	We	Th	Fr K	Sa	Su

AVERAGE FIELD FORCE

Company/Name	Craft	Exempt	Overtime Workers	Overtime Hours
Tony Lusk				
ROD STORM GLENN COLLINS				
JOE TRAVO ~~John Ebert~~				
SHANNON IVERSON				
~~SHANE OSTRAM~~				

EQUIPMENT AT SITE

Type/Model/Status	Inspected (Y) (N)
450 HITACHI	Y
350 HITACHI	Y
225 DEERE	Y
624 th Z LOADER	Y
160 WT	Y

WEATHER–WIND–TEMPERATURE

Bright [ ] Rain [ ] Snow [ ] Cloudy [K]

Calm [K] Slight Breeze [ ] High Wind [ ]

To 31	32-49	50-69	70-84	85-Up
[ ]	[ ]	[ ]	[K]	[ ]

1. Progress 2. Safety 3. Discussions 4. Changes 5. General (Problems/Reasons for poor performance, etc.)

DEMO 2901-Z

BACKFILL AREA

A-6003-054 (07/06)