

**ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS (EC&ACP) STANDARD
OPERATING PROCEDURES, VOL. I**
**P-AREA OPERABLE UNIT REACTOR BUILDING AND DISASSEMBLY BASIN FIELD INSPECTION
CHECKLIST**
Manual: C3
Procedure: ER-IDS-019-065
Revision: 4
Effective Date: 1/08/2020
Type-Class: Checklist
Page: 1 of 3
WORKING COPY

This document is a Working Copy. Prior to start of work, verify this is the latest revision per the Procedure Index.

Charles P. Carter

Verified By

10/5/2022

Date

CAUTION

The Inspector shall IMMEDIATELY notify the Post-Closure Manager and Environmental Compliance Authority if there has been a breach or compromise of the institutional controls of this waste unit. This notification shall be in accordance with Savannah River Site post-closure inspection procedures.

NOTE

1. Manual C3, ER-SOP-019, Waste Unit Inspection and IOU Maintenance, shall be referred to for inspection details.
2. Steps in this checklist may be completed concurrently or in any order.
3. Due to high elevation and hard to reach area of the roofs, this verification may be performed by reviewing and evaluating aerial photos/videos. Observed changes from previous inspections such as structural collapses, visual water seepage from lower portions of the building, visible changes in standing water, or drainage patterns on the roofs shall be evaluated for action. Any photos and or videos used for this evaluation shall be stored in a EC&ACP data disk with the data disk number documented on the inspection sheet.

SCHEDULED

UNSCHEDULED

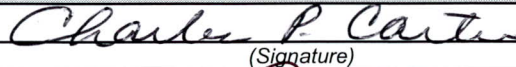
A = Satisfactory X = Unsatisfactory (Explanation required)		A or X	Observation/Corrective Action Taken
1.	Verify roads are accessible to 105-P Reactor Building and Basin.	A	
2.	Verify 105-P Reactor Building Complex roofs are functioning and free of woody vegetation. Submit inspection reports to Cognizant Technical Function to review and evaluate functionality of roofs.	A	Herbicide was applied to the roofs via drone on 08/10/2022 Reference completed Post Closure Maintenance Register PC-2022-00100 Roofs are functioning as intended and are free of woody vegetation. See roof top photos. SRNS-J2000-2022-00746

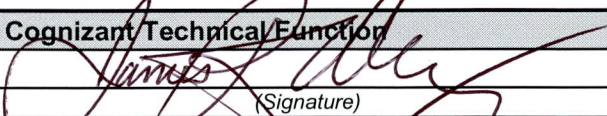
P-Area Operable Unit Reactor Building and Disassembly Basin Field Inspection Checklist


Manual: C3
 Procedure: ER-IDS-019-065
 Revision: 4
 Page: 2 of 3

SCHEDULED UNSCHEDULED

A = Satisfactory X = Unsatisfactory (Explanation required)		A or X	Observation/Corrective Action Taken
3.	Verify access doors to 105-P Reactor Building complex and concrete cover at the 108-1P and 108-2P Engine House are sealed.	A	
4.	Verify excessive deterioration of disassembly basin cover has not occurred, basin cover is free from debris, and woody vegetation.	A	
5.	Check integrity of stone armament for presence of excessive erosion. Maintain area surrounding the building up to and including perimeter roads for vegetation.	X	Minor erosion at the toe of the stone armament located on the West side of building See Map Note: 1 Reference Maintenance Register PC-2022-00102
6.	Verify there are no unauthorized excavations, digging, or construction activities at or close vicinity of the building.	A	
7.	Other Active Ant Mounds Sink Hole	X	Active Ant Mounds around the building. See Map Note: 2. Ref. Maint. Reg: PC-2022-00103 Small sink hole. See Map Note:3. Ref. Maint. Reg: PC-2022-104

Inspected By		
Charles P. Carter (Print Name)	 (Signature)	10/05/2022 (Date)

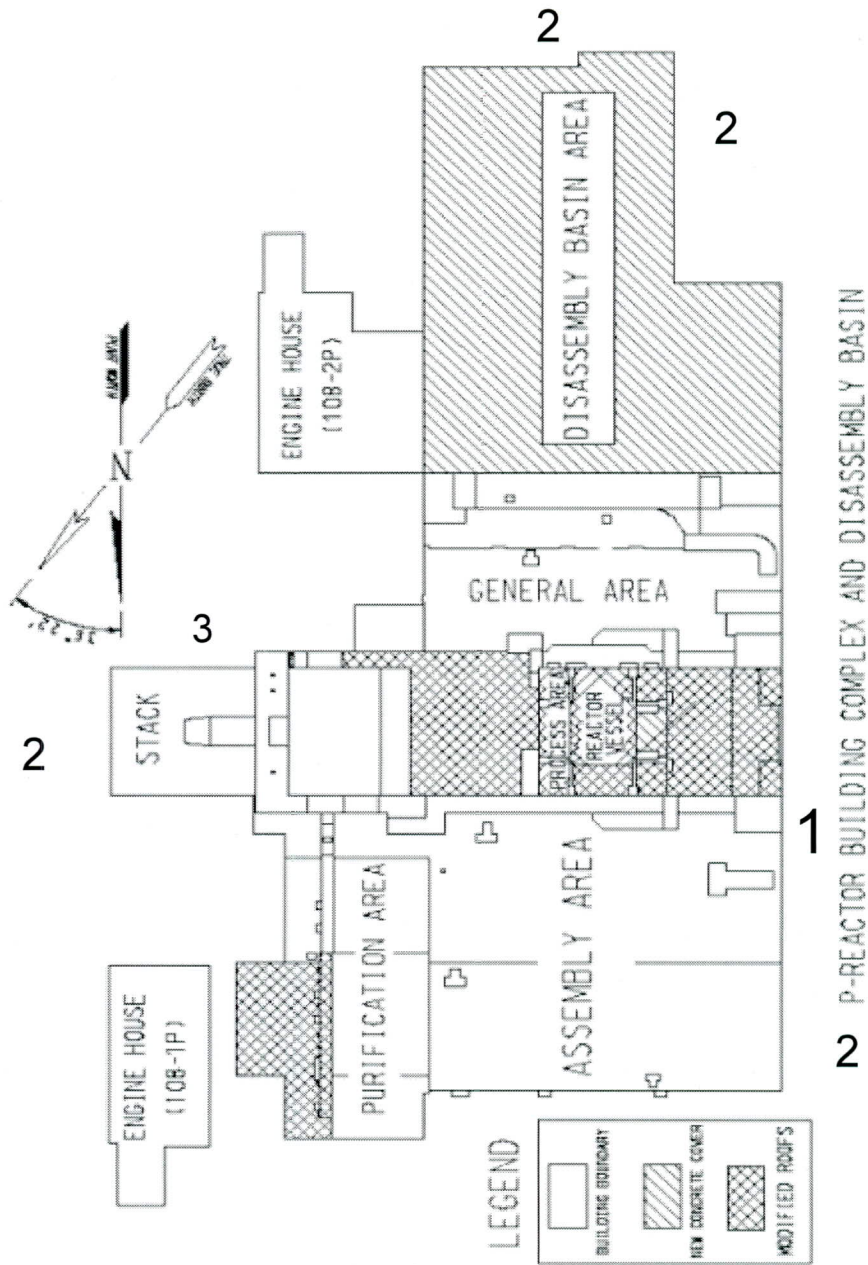
Review By Cognizant Technical Function		
James R. Ullery (Print Name)	 (Signature)	10/31/2022 (Date)

Review By Post-Closure Manager		
Brian Hanshew (Print Name)	 (Signature)	10/31/2022 (Date)

Map of P-Area Operable Unit Reactor Building and Disassembly Basin

Remote Worker Grid

S2--E4



NOTES: 1=Minor erosion at the toe of the stone armament located on the West side of building. The erosion was caused by rain water discharge from the roof. Post Closure Maintenance filled the small eroded area with Riprap/rock. 2=Active Ant Mounds around the building. Applied 1.5 lbs. of Extinguish ant bait. 3=A small sink hole was found on 09/28/2022. The approx. 2x2x2 hole is located approximately 30 feet South of the 105-P Stack Area. The Rad Protection Department was notified and rad survey was performed. No detectable contamination was found. Reference Survey DDSG-M-20220928-1 for survey results. Engineering is evaluating the sink hole for cause and repair.

POST CLOSURE MAINTENANCE REGISTER

Index Number

Unit Name

1902 P-AREA OPERABLE UNIT, REACTOR BUILDING AND DISASSEMBLY BASIN (105-P)

Watershed LOWER THREE RUNS

POST CLOSURE MAINTENANCE REGISTER

Index Number

Unit Name

1902 P-AREA OPERABLE UNIT, REACTOR BUILDING AND DISASSEMBLY BASIN (105-P)

Watershed LOWER THREE RUNS

AHA # NA
Work Order # N/A
Work Group SRNL AND SITE SERVICES
Priority Medium
RCRA NO

Maintenance Number PC-2022-00100 **Maintenance Status** Complete
Inspection Date 8/10/2022 **Chemical Type** Herbicide
Completion Date 8/10/2022 **Chemical Name**
Amount Used

Description Of Maintenance Item

Vegetation exist on roofs. Herbicide was applied to eliminate vegetation

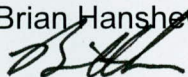
Maintenance Item Corrected

SRNL and Site Services applied herbicide to the roofs to eliminate vegetation. The application was made with a Drone.

Notes ER-IDS-019-065

Approved by : Brian Hanshaw - ACP Post Closure Manager

Signature



Approval date :

10/31/2022

POST CLOSURE MAINTENANCE REGISTER

Index Number

Unit Name

1902 P-AREA OPERABLE UNIT, REACTOR BUILDING AND DISASSEMBLY BASIN (105-P)

Watershed LOWER THREE RUNS

AHA # NA
Work Order # N/A
Work Group SRNL AND SITE SERVICES
Priority Medium
RCRA NO

Maintenance Number	PC-2022-00103	Maintenance Status	Complete
Inspection Date	10/5/2022	Chemical Type	Pesticide
Completion Date	10/5/2022	Chemical Name	Extinguish
		Amount Used	1.5 Pounds

Description Of Maintenance Item
Active Ant Mounds around the perimeter of building

Maintenance Item Corrected
Applied 1.5 lbs. of Extinguish ant bait

Notes ER-IDS-019-065

Approved by : Brian Hanshaw - ACP Post Closure Manager

Signature



Approval date : 10/31/2022

POST CLOSURE MAINTENANCE REGISTER

Index Number

Unit Name

1902 P-AREA OPERABLE UNIT, REACTOR BUILDING AND DISASSEMBLY BASIN (105-P)

Watershed LOWER THREE RUNS

AHA # NA
Work Order # N/A
Work Group POST CLOSURE MAINTENANCE
Priority Medium
RCRA NO

Maintenance Number PC-2022-00104 Maintenance Status Complete
Inspection Date 10/5/2022 Chemical Type NA
Completion Date 10/31/2022 Chemical Name
Amount Used

Description Of Maintenance Item

A small sink hole was found on 09/28/2022. The hole is located approximately 30 feet South of the 105-P Stack Area. The Rad Protection Department was notified and rad survey was performed. No detectable contamination was found.


Maintenance Item Corrected

Engineering performed a field walkdown of the sink hole, reviewed P Reactor drawings, which revealed no evidence of anything below that would have caused it. The hole was repaired with compacted fill dirt per engineering direction.

Notes ER-IDS-019-065

Approved by : Brian Hanshaw - ACP Post Closure Manager

Signature



Approval date : 10/31/2022