

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

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


Verified By
01/09/2020
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		A or X	Observation/Corrective Action Taken
X = Unsatisfactory (Explanation required)			
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.	X	Roofs are functioning as intended. Non-woody vegetation exist and hinders drainage. Efforts will be made to remove vegetation. See map note:1 Reference maintenance register: PC-2020-00003

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

Manual: C3
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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.	X	Carry over item: Several areas of caulking in expansion joints need repair See map note:2 Reference Maintenance Register PC-2017-00091
5. Check integrity of stone armament for presence of excessive erosion. Maintain area surrounding the building up to and including perimeter roads for vegetation.	A	
6. Verify there are no unauthorized excavations, digging, or construction activities at or close vicinity of the building.	A	
7. Other	A	UAS footage stored in EC&ACP data disk, ER-DD-2019-00072

Inspected By		
CHARLES P. CARTER (Print Name)	<i>Charles P. Carter</i> (Signature)	1-9-2020 (Date)

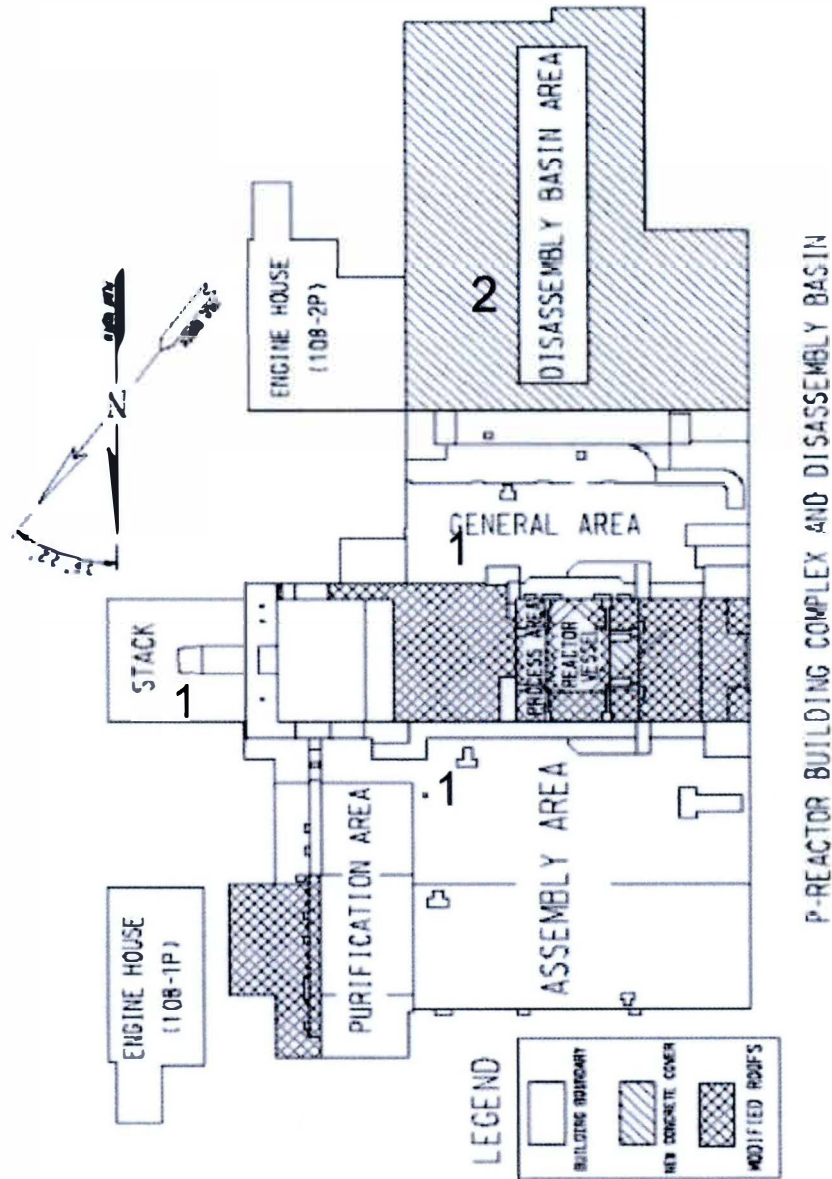
Review By Cognizant Technical Function		
PETER V. AVEOLI (Print Name)	<i>Peter Aveoli</i> (Signature)	1-9-2020 (Date)

Review By Post-Closure Manager		
George W. Joyner (Print Name)	<i>George W. Joyner</i> (Signature)	1/9/2020 (Date)

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

Remote Worker Grid

S2--E4



NOTES: 1=Carry over item: Roofs are functioning as intended. Non-woody vegetation exist and hinders drainage. Efforts will be made to remove vegetation. 2=Carry over item: Several areas of caulking in expansion joints need repair. Work package for repair is in development

Note: This inspection began in 10/2019 and was completed 01/09/2020, once aerial photos/videos were recieved and reviewed

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
Priority Medium
RCRA NO

Maintenance Number PC-2020-00003 **Maintenance Status** Complete
Inspection Date 10/7/2019 **Chemical Type** Herbicide
Completion Date 9/14/2021 **Chemical Name**
Amount Used

Description Of Maintenance Item

Vegetation exist on roofs and hinders drainage. Herbicide will be applied to eliminate vegetation.

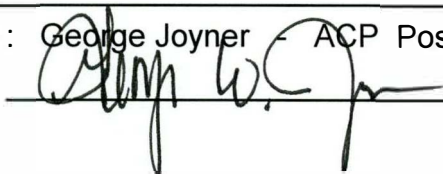
Maintenance Item Corrected

Applied herbicide to vegetation on the roof with a Drone.

Notes New observation

Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

12/06/21