

ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS (EC&ACP) STANDARD  
OPERATING PROCEDURES, VOL. I

Manual: C3  
 Procedure: ER-IDS-019-056  
 Revision: 3  
 Effective Date: 07/01/2020  
 Type-Class: Checklist  
 Page: 1 of 4

HEAVY WATER COMPONENT TEST REACTOR (HWCTR) (770U) 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.

*Charles P. Carter*

Verified By

06/03/2021

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 Maintenance, shall be referred to for inspection details.
2. Steps in this checklist may be completed concurrently or in any order.

SCHEDULED

UNSCHEDULED

A = Satisfactory X = Unsatisfactory (Explanation required)		A or X	Observation/Corrective Action Taken
1.	VERIFY area is accessible for authorized maintenance and inspections.	A	
2.	VERIFY waste unit warning signs (4) are in acceptable condition, have correct information, and are legible from a distance of 25 feet.	A	

Heavy Water Component Test Reactor (HWCTR) (770U) Field Inspection Checklist

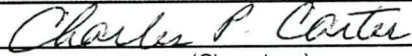
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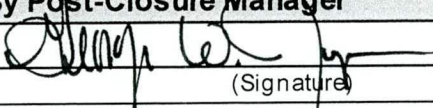
SCHEDULED                       UNSCHEDULED

A = Satisfactory	A or X	Observation/Corrective Action Taken
X = Unsatisfactory (Explanation required)		
<b>NOTE:</b> Step 3 should be performed at three months, six months, and then Annually from the effective date of this procedure, until such time that it can be assured that the slab is stable and no further crack growth is expected.		
3. <b>VERIFY</b> concrete slab does not have cracks larger than 0.5 mm wide and are not projected through the slab (more than 15 centimeter deep), <b>AND REFER</b> to note prior to step.	A	Cracks have not changed since last inspection.  CPC 06/03/2021
4. <b>VERIFY</b> excessive deterioration of concrete cover has not occurred and cover is free of vegetation.	A	
5. <b>VERIFY</b> signs of erosion are not present, <b>AND REFER</b> to Corrective Measures Implementation Report (CMIR)/ Remedial Action Completion Report (RACR), for B-Area Operable Unit, Section 7) SRNS-RP-2014-00517.	A	
6. <b>VERIFY</b> that there are no unauthorized excavations, digging, or construction activities within the HWCTR boundaries.	A	
7. Other	<b>NO FURTHER ENTRIES</b> CPC 06/03/2021	

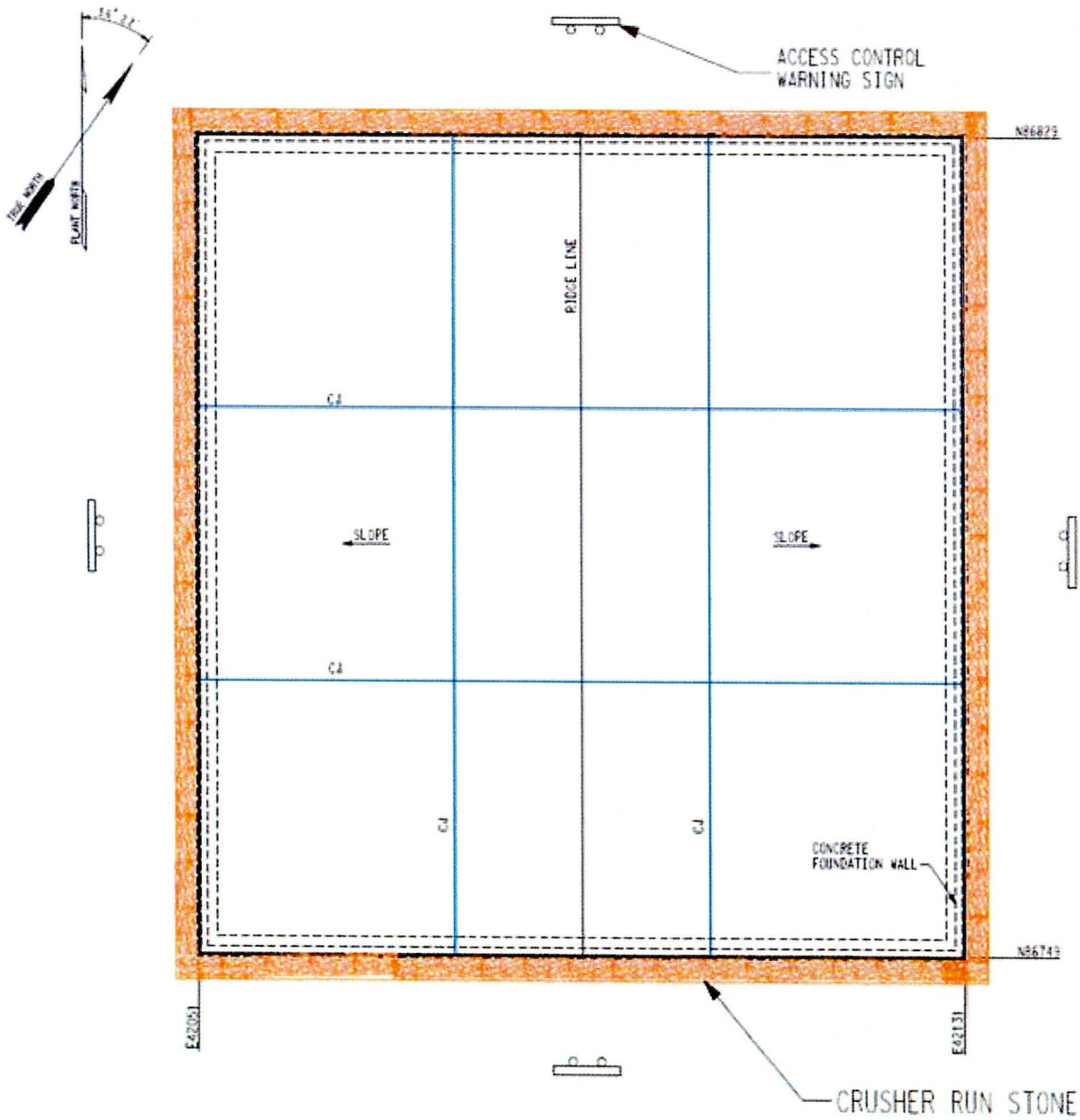
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Inspected By		
Charles P. Carter (Print Name)	 (Signature)	06/03/2021 (Date)

Review By Post-Closure Manager		
George W. Joyner (Print Name)	 (Signature)	6/3/21 (Date)

Map of Heavy Water Component Test Reactor (HWCTR) (770U)



NOTES:

NO FURTHER ENTRIES