

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

Manual: C3  
 Procedure: ER-IDS-019-056  
 Revision: 2  
 Effective Date: 06/01/2016  
 Type-Class: Form  
 Page: 1 of 3

**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

*6-18-18*

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<br>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<br>X = Unsatisfactory (Explanation required)   | A or X                        | Observation/Corrective Action Taken |
|---|-------------------------------|-------------------------------------|
| <b>NOTE:</b> Step 3 should be performed at 3 months, 6 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. Verify 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>REFER TO</b> note prior to step).   | A                             |                                     |
| 4. Verify excessive deterioration of concrete cover has not occurred and cover is free of vegetation.   | A                             |                                     |
| 5. Verify signs of erosion or depression (subsidence) are not present. ( <b>REFER TO</b> <i>Corrective Measures Implementation Report (CMIR)/ Remedial Action Completion Report (RACR)</i> , Section 7, Item 5) SRNS-RP-2010-01524. | A                             |                                     |
| 6. Verify that there are no unauthorized excavations, digging, or construction activities within the HWCTR boundaries.  | A                             |                                     |
| 7. Other  | <del>NO FURTHER ENTRIES</del> | <del>CPL 6-18-18</del>              |

## Inspected By

|                                   |                                  |                   |
|-----------------------------------|----------------------------------|-------------------|
| CHARLES P. CARTER<br>(Print Name) | Charles P. Carter<br>(Signature) | 6-18-18<br>(Date) |
|-----------------------------------|----------------------------------|-------------------|

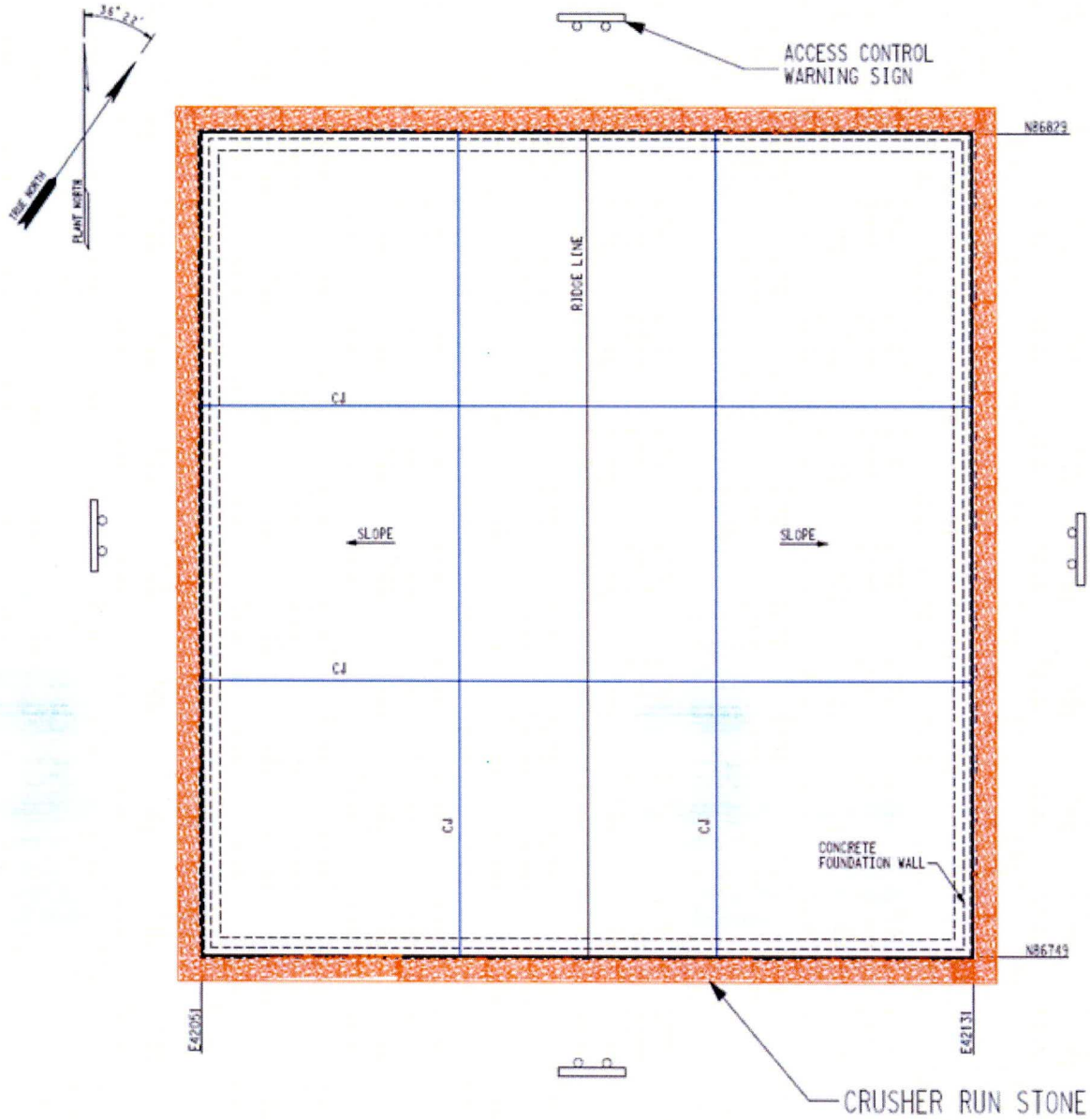
## Review By Post-Closure Manager

|                               |                              |                   |
|-------------------------------|------------------------------|-------------------|
| George Joyner<br>(Print Name) | George Joyner<br>(Signature) | 6/25/18<br>(Date) |
|-------------------------------|------------------------------|-------------------|

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

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



NOTES:

*NO FURTHER ENTRIES*

*CPC 6-18-18*