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C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

4.56.y U Line Berm Sweep Checklist

C-A-OPM Procedures in which this Attachment is used.		
4.56		

Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
_____	_____	_____	_____
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Approved: _____ ***Signature on File*** _____
 Collider-Accelerator Department Chairman Date

P. Sampson

U line Berm Sweep Checklist

Team Leader _____ Operator two _____

Operator three _____

Time: _____ Date: _____

Note:

Complete section I when running the AGS and to extract to the V line.
Complete both section I and II when running to U downstream or to the W, X or Y lines.

Prerequisites:

- Three Shift Operations personnel to perform the sweep
- a CAT 24 key.
- CAT 24 padlocks (normally in place).
- Chains for padlocks (normally in place).
- U line Berm Sweep (this) Checklist C-A-OPM-ATT 4.56.y
- TLD

Section I:

- _____ 1. All three Operators will proceed to the substation on the east side of the U line berm just downstream of UGE1.
- _____ 2. Team leader and operator one and two will check that the interior gate of the subyard, which leads to the berm, is secured with a CAT 24 lock.
- _____ 3. Three Operators go through south door of building 921 and up stairs to access the berm.
- _____ 4. Three Operators proceed downstream on the top of the berm, through two chain link fence gates until a dead end four foot high fence is reached.
- _____ 5. Team Leader and Operator 2 stand static watch as Operator 3 goes down the berm on the west side and views the downstream dead end for personnel.
- _____ 6. Operator 3 makes visual contact with Team leader.
- _____ 7. Operator 2 goes down the berm on the east side to the fence at street level.
- _____ 8. Three operators sweep upstream. Operator #2 sweeps the area between the berm and substation on the east side, ensuring that no personnel are within the sub-station enclosure.
- _____ 9. Three operators sweep out two chain link gates to the final gate outside the south side of building 921.
- _____ 10. Team leader applies padlock only to the gate nearest building 921.
- _____ 11. If completing only this section, go to item 24 in Section II of this procedure.

Section II:

- _____ 1. Team Leader, Operators 2 and 3 proceed to and padlock the chain link fence gate downstream (north) of WEG1.
- _____ 2. Operators enter the U line berm the truck entrance (north of the cooling tower on the east side) and padlock it behind them.
- _____ 3. All Operators go to the upstream most end of the U downstream line berm.
- _____ 4. Team leader remains atop the center of the berm, operator #2 goes down the berm on the east side while operator #3 goes down the berm on the west side.
- _____ 5. Three operators sweep downstream towards the horn power supply house.
- _____ 6. Operator #3 verifies no one is on the shielding blocks on the west side or in the crawl spaces in the blocks.
- _____ 7. Team Leader and Operator # 2 sweep to double gate upstream of the Horn Power Supply house. Operator # 3 goes to the southwest corner of Horn Power Supply Building.
- _____ 8. Operator # 3 goes through the break in the fence on the west side to top of berm on west side.
- _____ 9. Team leader stands static watch at the entrance to Horn Power Supply house while operator #2 sweeps the house.
- _____ 10. Operator #2 proceeds to the rear of the house and verifies that no one is in the room where the power cables enter the sleeves.
- _____ 11. Operator #2 sweeps out the house and rejoins the Team Leader.
- _____ 12. Operator #2 proceeds downstream on the east side of the berm while operator #3 proceeds downstream on the west side to the substation.
- _____ 13. Team leader sweeps around the Horn Power Supply house and stops at the downstream (north) end and looks under the Power Supply House.
- _____ 14. Team leader stands static watch at the north end of the Horn Power supply house.
- _____ 15. Operator #3 sweeps as far downstream as possible on the west side, making sure to search around the concrete blocks.
- _____ 16. Operator 3 stands static watch at the far end of the U line, to the east of the cement block in plain sight of the Team Leader.
- _____ 17. Team Leader and Operator 2 sweep downstream to the break in the fence and climb down the U berm, then Up the W berm.
- _____ 18. Team leader stands static watch as Operator 2 sweeps upstream toward the fence gate just down stream of WGE 2.
- _____ 19. Operator 2 unlocks, exits then re-locks the above fence.
- _____ 21. Operator 2 sweeps the east side of the berm , upstream to where the Team Leader is standing static watch.
- _____ 20. Operator 3 goes to the west side of the berm along side of the Team leader (on top of the berm) and Operator 2 (just on the outside of the east berm fence).
- _____ 21. The three operators sweep downstream on their respective sides of the berm until they the W dump gate.
- _____ 22. Team leader stands static watch as Operator 3 sweeps the downstream end of the enclosure and re-joins the Team Leader at the W dump gate.
- _____ 23. Team Leader and Operator 3 sweep through and lock the W Dump gate.
- _____ 24. Team Leader files the completed checklist in the appropriate binder in the MCR.

U downstream Map

