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C-A OPERATIONS PROCEDURES MANUAL

15.3.5.9 Securing the Westinghouse Motor-Generator Set for Extended Off Periods

(Booster/AGS Ring Power Supply Systems Group Procedure EPS-W-009)

Note: This document was formerly a C-A Group Procedure. The content of the group procedure was reviewed by the Technical Supervisor. All approvals and/or issue dates of the original group procedure are maintained for present use.

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 _____

M. Bannon

Booster/AGS Ring Power Supply Systems
Group Procedure EPS-W-009
Revision 00

15.3.5.9 Securing the Westinghouse Motor-Generator Set for Extended Off Periods

1. After Westinghouse Motor-Generator has been turned off and has stopped:

Suit up in CAT 4 (40 CAL / CM2) blast suit and LOTO the following 13.8 KV CB and 208 & 480 VAC 3 PH FDS. Note the 208 3 PH FDS and the smaller 480 VAC 3PH FDS do not require CAT 4, but since you are already suited up you may as well keep it and secure all power at one time.

- a. Rack out CB-52M and put the Kirk Key in key tree in Control Room. []
- b. Secure FDS 480 VAC 3 PH SW for the exciter power supply and put key from FDS in Key tree in Control Room. []
- c. Secure FDS 480 VAC 3 PH SW for the brake power supply and put key from FDS in the key tree in Control Room. []
- d. Secure FDS (A11-NE5) 208 VAC 3 PH for lift pumps []
- e. Secure FDS (DP-A44-1-FS-#4) 480 VAC 3PH for hydraulics []
- f. Turn off the three fans in the Control Room. []
- g. Turn “ON” FDS (A11-NE6) 208 VAC 3PH for heaters for the motor and generator stator windings. []
- h. Secure the water to the liquid rheostat the liquid rheostat. This has to be done until Pump Room fixes the automatic valve that has failed. []
- i. Turn off the blower to the oil pit and turn on the heater for the oil pit. []
- j. Move two 480 VAC 3 PH floor heaters next to pedestal #1 and turn them on []
- k. Make sure 52G Westinghouse is open, then rack circuit breaker 52G Westinghouse.out to a test position and bring key over to Bldg. 928 (Siemens) and place the key in the key tree on the side of RK L4 in Siemens Basement. []
- l. Have pump room secure pump which supplies water to our oil heat exchanger. []