

*If you are using a printed copy of this procedure, and not the on-screen version, then you **MUST** make sure the dates at the bottom of the printed copy and the on-screen version match. The on-screen version of the Collider-Accelerator Department Procedure is the Official Version. Hard copies of all signed, official, C-A Operating Procedures are available by contacting the **ESSHQ Procedures Coordinator, Bldg. 911A***

C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

8.33.c J10 Power Supply Tap Change Check Off List

Text Pages 2

C-A OPM Procedures in which this Attachment is used.		
8.33		

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. Rosas

J10 Dump Bump Power Supply Tap Change Check Off List

NOTE:
All personnel working on any electrical system or equipment in the C-AD shall be familiar with BNL [SBMS Electrical Safety](#), BNL [SBMS Lockout/Tagout \(LO/TO\)](#), C-A-OPM 1.5, "Electrical Safety Implementation Plan", C-A-OPM 1.5.3 "Procedure to Open or Close Breakers and Switches and Connecting/Disconnecting Plugs", C-A-OPM 2.36, "Lockout/Tagout for Control of Hazardous Energy". C-AD will provide on-site/work specific training to individuals in the electrical safety aspects of their job functions and assignments.

Danger:
A. The AGS MMPS induces a high voltage back to the back leg winding. It is therefore required that the AGS MMPS must be locked out before entering the high power section of the power supply.
B. The J10 Power Supply shall be checked off as per steps 1 & 2 to completely de-energize the power sources.

- 1. AGS MMPS must be locked out. []
- 2. The J10 Power Supply shall be shut down in accordance with the "J10 Power Supply SHUT-DOWN Check Off List" before taps may be changed. []
- 3. Remove both side panels of the J10 power supply. []

Warning :
Both T2 and T3 Transformers must be in the same tap position. Excessive output ripple will be produced and may blow filter bank fuses.

- 4. Change TAP on both Transformers T2 and T3. []
- 5. Log on bottom of sheet new tap setting for both Transformers T2 and T3. []
- 6. Replace both side panels of the J10 power supply. []
- 7. The J10 power supply shall be started up in accordance with the "J10 Power Supply START-UP- Check OFF List". []
- 8. Log on the J10 Power Supply Logbook that the Tap Change procedure has been finished. []

NOTES:

Completed By: _____ Tap Setting T2: _____ Tap Setting T3: _____
Date: _____