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

3.12 Operation of the Substation Crash Panel at MCR_2-2

Text Pages 2 through 3

Hand Processed Changes

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Approved: _____***Signature on File***_____ _____
Collider-Accelerator Department Chairman Date

P. Sampson

3.12 Operation of the Substation Crash Panel At MCR_2-2

1. Purpose

To provide instruction to MCR Operators in the use of the Substation Crash Panel located at MCR_2-2.

2. Responsibilities

2.1 MCR Operators are responsible for the execution of this procedure.

2.2 Collider-Accelerator Support (CAS) Supervisor is responsible for the final authorization of any Substation Crashes and/or a reset of any Ground/Overload alarms.

2.3 The MCR Group Leader is responsible for placing a reference to this procedure on the control panel.

3. Prerequisites

3.1 A call from CAS personnel requesting that a certain sub-station be crashed.

3.2 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.

4. Precautions

None

5. Procedure

5.1 If the CAS Supervisor requests a substation crash from the MCR Operator, then the Operator on duty will follow these instructions.

5.1.1 To open a sub-station breaker, set the A & B dials to the sub-station coordinates, from the sub-station crash switch position sheet located on the panel.

5.1.2 Turn key lock switch to ready while simultaneously pushing the red crash button.

Note:
The reset of a crashed sub-station is the responsibility of the CAS Supervisor and other CAS Watch Personnel.

5.2 If a CAS alarm for a sub-station overload or sub-station ground appears, then the MCR Operator on duty will notify the appropriate CAS personnel for instructions.

5.2.1 If CAS personnel authorize a reset of the ground/overload alarm, then the Ground and Overload reset buttons, located on the panel, will reset the alarms.

6. Documentation

6.1 Documentation of crash actions will be recorded in the CAS Coordinators Report and/or O.C. Log.

7. References

7.1 C-A-OPM 1.5, "Electrical Safety Implementation Plan".
7.2 C-A-OPM 1.5.3 "Procedure to Open or Close Breakers and Switches and Connecting/Disconnecting Plugs".
7.3 C-A-OPM 2.36, "Lockout/Tagout for Control of Hazardous Energy".
7.4 SBMS Electrical Safety.
7.5 SBMS Lockout/Tagout (LOTO).

8. Attachments

None