

RHIC Operations Procedures Manual

**TPL 99-12 EMERGENCY PROCEDURE FOR THE
PHOBOS DETECTOR BUILDING 1010 COMPLEX**

Text Pages 1 through 3
Attachment(s) 1

Hand Processed Changes

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Approved:

Satoshi Ozaki

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RHIC Project Director

Date

Preparer(s): A. Carroll

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Category A

3.11 Emergency Procedure for the PHOBOS Detector Building 1010 Complex

1.0 Purpose

The purpose of this document is to define the Local Emergency Plan (LEP) for the operation of the PHOBOS detector system. This local emergency plan will help to ensure:

- a. The safety of personnel.
- b. Implementation of the appropriate emergency procedures contained in AGS/RHIC-OPM 3.0 and Section 5 of this document.
- c. Prompt notification of appropriate personnel.
- d. Maintenance of appropriate RHIC emergency status.
- e. Protection of the environment.
- f. Protection of BNL facilities and equipment.

2.0 Responsibilities

- 2.1 Local Emergency Coordinator (LEC) - During the testing, commissioning, and operation of the PHOBOS detector system, a Local Emergency Coordinator (LEC) shall be identified for each shift.

The LEC shall be the Shift Leader or designee or the Building Manager when the experiment is not standing watch. Responsibilities of the LEC are as follows:

- a. Assist in maintaining the PHOBOS detector and facility in a safe condition.
- b. Ensure that personnel involved in PHOBOS operations are trained in all emergency and safety procedures. Ensure that all postings of special instructions are complete.
- c. Implement all emergency responses outlined in the Procedures section of this document, or any additional instructions given by the Department Emergency Coordinator (DEC).
- d. Respond to the Command Post during an emergency.

3.0 Prerequisites

The LEC shall have training in the following:

- a. RHIC Project Local Emergency Plan, AGS/RHIC-OPM 3.0.
- b. All relevant equipment involved in the PHOBOS detector system being used to ensure safe operations.
- c. Knowledge of the physical layout of the 1010 complex (routes of egress, location of emergency equipment, telephones, controls, etc.).
- d. Knowledge of the Building Assembly Area and Shelter-in-Place Area (COUNTING HOUSE), and outside assembly area (OUTSIDE of the COUNTING HOUSE).

4.0 Precautions

The safety of personnel and the environment is of primary importance. In an emergency the LEC shall take great care not to give instructions or information which may place personnel or the environment at risk or harm.

5.0 Procedures

- 5.1 In the event that there is a fire in the 1010 Experimental Region:
 - 5.1.1 Pull the nearest fire alarm box if the alarm is not already sounding, then call 2222 or 911.
 - 5.1.2 Evacuate all personnel and proceed to the outside assembly point and await the arrival of the Fire/Rescue Group.
 - 5.1.3 Trip switches 1, 23 and 39 in the northeast breaker to shut down power in the tunnel.
 - 5.1.4 The LEC shall report to the Command Post upon arrival of the Fire/Rescue Captain. The Command Post is vehicle designated Car-1 unless directed elsewhere by the F/R Captain.

5.2 Emergency in Counting House

5.2.1 Follow instructions in Section 5.1.1, 5.1.2 and 5.1.4.

5.2.2 If not in danger, trip top switch (225 Amp) in North East Breaker Panel.

6.0 Documentation

None

7.0 References

7.1 AGS/RHIC-OPM 3.0, Local Emergency Plan for the RHIC Project

8.0 Attachments

1. Layout of the PHOBOS Site indicating:
 - a. Fire Alarms
 - b. Emergency Assembly and Shelter-in-Place Areas Inside (Counting House)
 - c. Evacuation Assembly Area Outside (Outside Counting House)
 - d. Power Off Locations

