

**ONLINE COPY RHIC OPERATIONS PROCEDURES MANUAL
- VALID FOR FIVE (5) WORKING DAYS**

RHIC Operations Procedures Manual

**2.0 RHIC OPERATIONS, ORGANIZATION AND
ADMINISTRATION DURING PERIODS WITHOUT BEAM**

Text Pages 1 through 2

Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
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Revision No. 1

Approved:

Satoshi Ozaki

3/24/99

RHIC Project Director

Date

Preparer(s): S. Musolino

RHIC-OPM 2.0

Date Issued: March 22, 1999

Category A

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**2.0 RHIC Operations, Organization and
Administration During Periods Without Beam**

1.0 Purpose and Scope

Responsibility for the safe and reliable operation of the RHIC complex resides with the Project Director and System Specialists. This procedure defines the lines of responsibility during operating periods without beam. Beam operations fall under AGS Conduct of Operations. The RHIC complex is made up of the Transfer Line starting at the block wall in the W-Line, Collider and Experimental Systems.

2.0 Responsibilities

2.1 Operations

2.1.1 The personnel normally available during non-beam operations include:

2.1.1.1 One Cryogenic Shift Supervisor (CSS) or his/her designee, shall remain in the Cryogenic Control Room at all times. Any work in the field on the cryogenic system shall be in accordance with a two-person rule as required by RHIC SEAPPM 1.16.0.1.

2.1.1.2 One watch-stander at experiments using large volumes of flammable gas as designated by the Experiment Safety Committee.

2.1.2 Operating personnel have the following safety responsibilities:

2.1.2.1 Safely operate the facility with adherence to machine and safety related procedures, technical specifications and to maintain the facilities within the Accelerator Safety Envelope.

2.1.2.2 Comply with the requirements of Laboratory ES&H Standards, RHIC SEAPPM and RHIC OPM.

2.1.2.3 Follow good radiological protection practices and procedures to maintain personnel radiation exposures as low as reasonably achievable, and to minimize the generation of activated materials.

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- 2.1.3 The lines of responsibility for safety during normal business hours of the Laboratory are shown in the ES&H Reporting Chart, RHIC SEAPPM 0.1.2.
- 2.1.4 During off-hour periods, the CSS shall be the overall coordinator for the complex.
- 2.1.5 All supervisors shall coordinate their activities with the Cryogenic Control Room and keep the CSS informed of their work.
- 2.1.6 The CSS shall make the appropriate notification to management of operational or ES&H related problems. The call-down list is shown in Attachment 1.

3.0 Prerequisites

None

4.0 Precautions

None

5.0 Procedure

None

6.0 Documentation

None

7.0 References

None

8.0 Attachments

- 1. Emergency Call-Down List

Fill Out Reading Acknowledgment Form

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Attachment 1

Emergency Call-Down List

Name	Extension	Home Phone
S. Ozaki	5590	821-4650
J. Sondericker	4737	924-6512
S. Musolino	4211	821-2247
M. Harrison	7173	246-5969
M. Iarocci	7165	475-4309
AGS MCR	4662	
Cryogenic Control Room	3837	
A. Etkin	7200	732-0984
T. Ludlam (Detectors)	7753	286-0082
W. Christie (STAR)	7137	821-4348
W. Lenz (PHENIX)	7117	281-5622
A. Carrol (PHOBOS)	4714	744-5093
D. Beavis (BRAHMS)	7124	924-0357
G. Ganetis (Magnet Electric)	4476	722-8105
T. Robinson (Ring System)	4589	475-8581
R. Frankel (Safety System)	4778	588-0068
W. MacKay (Ring System)	3076/2465	929-5579
J. Rose (RF)	7079	821-5239