

C-A OPERATIONS PROCEDURE MANUAL

C-A TPL 08-04 TEMPORARY PROCEDURE: ACCESSING AtR Udownstream ENCLOSURE

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Approved by: _____ Date
Assoc. Chairman for ESHQ

P. Ingrassia

C-A TPL 08-04 TEMPORARY PROCEDURE: ACCESSING AtR Udownstream ENCLOSURE

1. Purpose

- 1.1 The purpose of this procedure is to instruct the Operations Coordinator as to the requirements for accessing the AtR Udownstream enclosure through either UGE2 or UGE3.
- 1.2 During Run8 access to Udownstream will be permitted with beam in the AGS after the precautions outlined in this procedure are implemented.

2. Responsibilities

- 2.1 The MCR operators and Operations Coordinators (OC) are responsible for the execution of this procedure.
- 2.2 The MCR Operators and CAS watch are responsible for following the Operations Coordinators instructions prior to allowing access to Udownstream via UGE2 or UGE3.

3. Prerequisites

- 3.1 The target group for this procedure is the MCR Operators, Operations Coordinators, and the CAS watch.
- 3.2 The training requirement for this procedure is read and sign.
- 3.3 The minimum number of staff members that need to be trained in order for this procedure to be effective is three, one OC, one MCR Operator, and one CAS watch technician

4. Precautions

- 4.1 Access for “long” periods may be permitted using controls other than those listed in this procedure after a review of the proposed work plan by the Chairman of the Radiation Safety Committee or his designee.

5. Procedure

- 5.1 To access the AtR enclosure with beam in the AGS (critical devices {BtA DH2-3 and SPTMF6}enabled)
 - 5.1.1 For a short access (on the order of thirty minutes)
 - 5.1.1.1 Prior to access, the Operations Coordinator shall remove **and hold** the BNL13 key from the console at MCR_2 in order to “safe” the AGS injection critical devices, BtADH2-3 and Booster SPTMF6.
 - 5.1.1.2 The OC shall instruct CAS or MCR operators to conduct a normal gate access to the Udownstream enclosure.
 - 5.1.1.3 The Operations Coordinators may use his discretion and hold the BNL13 key for a time greater than thirty minutes to permit the completion of the work.
 - 5.1.1.3.1 At a shift change the off going OC must return the BNL13 key to the console and follow the rules of paragraph 5.1.2.
 - 5.1.2 For a long access (for a time greater than thirty minutes)
 - 5.1.2.1 Prior to access, the OC will instruct the U line Liaison Physicist (LP) to apply RSLOTO to the AGS H10 extraction septum power supply.
 - 5.1.2.1.1 The U line LP has designated J.W. Glenn, Kevin Brown, and the On duty Operations Coordinator as individuals who may apply RS LOTO to H10 in his absence.
 - 5.1.2.2 The OC shall instruct CAS or MCR operators to conduct a normal gate access to the Udownstream enclosure.

- 6. Documentation
6.1 None

- 7. References:
7.1 None

- 8. Attachments:
8.1 None