

PHYSICS DIVISION OPERATING PROCEDURE
DISABLEMENT OF SAFETY-RELATED INTERLOCKS

1. APPLICABILITY

- 1.1 This procedure applies to disablement of Physics Division safety-related interlocks, exclusive of the HRIBF and ORELA facilities. Disablement of HRIBF and ORELA safety-related interlocks is regulated by facility-specific procedures.

2. DEFINITIONS

- 2.1 Safety-related interlock: An interlock whose principal function is the protection of the health or safety of personnel.
- 2.2 Interlock disablement: A deliberate action that prevents the interlock in question from performing its intended function.

3. REQUIREMENTS

- 3.1 Safety-related interlocks may be temporarily disabled if all the following conditions are satisfied:
- 3.1.1 Disablement is documented on a Safety-Related Interlock Disablement form (Appendix). (Completed Safety-Related Interlock Disablement forms shall be filed in the Safety-Related Interlock Disablement file maintained by the Division ESH Officer).
- 3.1.2 Disablement is approved in accordance with the requirements of section 3.2.
- 3.2 In the case where disablement could result in radiation exposure, disablement shall require authorization by the following persons or their designees: the Principal Investigator, the Division Radiological Control Officer, and either the appropriate Group Leader or the Physics Division Director. In all other cases, disablement of safety-related interlocks shall be authorized by the following persons or their designees: the Principal Investigator, and either the appropriate Group Leader or the Physics Division Director.
- 3.3 The Principal Investigator, or designee, shall conduct a documented Job Hazard Evaluation (JHE) with personnel who will be working in an area covered by this disablement.
- 3.4 The Safety-Related Interlock Disablement form shall be posted in a conspicuous location at the work site while the interlock is disabled.

Appendix

PHYSICS DIVISION SAFETY-RELATED INTERLOCK DISABLEMENT

Interlock to be disabled: _____

Reason: _____
(troubleshooting, testing purposes, etc.)

Restrictions: _____

Time initiated: _____ Date: _____

Initiating Person

Principal Investigator

Group Leader or PDD

DRCO (if appropriate)

Time terminated: _____ Date: _____

Terminating Person

NOTE: The disabled interlock shall be restored to normal operation as soon as practical.

(File in SAFETY-RELATED INTERLOCK DISABLEMENT FILE maintained by Physics Division ESH Officer)