

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)