

ACCELERATOR DIVISION DEPARTMENTAL PROCEDURE

ACCELERATOR OPERATIONS DEPARTMENT

ADDP-OP-0003

CRYOGENIC EMERGENCY RESPONSE PROCEDURE

MCR

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Joe Compton  
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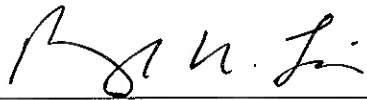
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REVIEW AND CONCURRENCE RECORD

REVIEWED BY  DATE 5-19-2023  
Raymond Lewis  
Acting ES&H AD Division Safety Officer

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<b>Author</b>	<b>Description of Change</b>	<b>Revision Date</b>
Joe Compton	Removed sections 3.1.6 and 3.1.7 Added AC Master and enclosure (if needed) key to 3.1.1 Removed note from 3.1.5 Updated flow chart for above changes. Added section 3.1.4	5/18/2023
Joe Compton	Updated for the required procedure format. Added Attachment 1 flow chart.	4/13/2023

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ATTACHMENT 1: CRYOGENIC EMERGENCY RESPONSE PROCEDURE – MCR  
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## 1.0 PURPOSE AND SCOPE

The purpose of this Accelerator Division Departmental Procedure (ADDP) is to establish and define the Fermilab Accelerator Division Operations Department Main Control Room (MCR) response to a report of a Cryogenic Emergency.

## 2.0 RESPONSIBILITIES

- 2.1 Crew Chief or designee shall initiate response by following the included instructions.
- 2.2 Operators in the MCR shall follow the following included instructions.

## 3.0 INSTRUCTIONS

- 3.1 Upon report of a Cryogenic emergency, the MCR shall follow the following instructions.
  - 3.1.1 The Crew Chief or designee shall ensure that the Security Operation Center (emergency dispatch) has been notified (which may require calling x3131).
  - 3.1.2 Dispatch a Field Team with a hand held radio, AC3, AC master, and appropriate enclosure (if needed) keys, and oxygen monitors to meet with the Fermilab Fire Department (FFD).

Note: The Incident Commander may request that an expert, who is familiar with the area, enter the building/enclosure to help with the investigation. The expert who enters the building/enclosure will be escorted by the Fire Department at all times.

- 3.1.3 Evacuate the area via intercom if possible.
- 3.1.4 Contact the Cryo Coordinator (use the MCR Call-in list at <https://www-bd.fnal.gov/cgi-mcr/callin.pl> if necessary) and the Division Safety Officer (DSO).
- 3.1.5 Obtain a list of personnel who have been issued an AC3 or enclosure keys to the affected area, if applicable. Relay the list to the field team.
- 3.1.6 Gather information from the Field Team to relay to Cryo experts.
- 3.1.7 Document all relevant oxygen readings and data logger plots in the MCR Electronic Elog (E-log).

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Note: Attachment 1: Cryogenic Emergency Response Procedure- MCR is attached to this procedure which contains a flow chart of this procedure for reference.

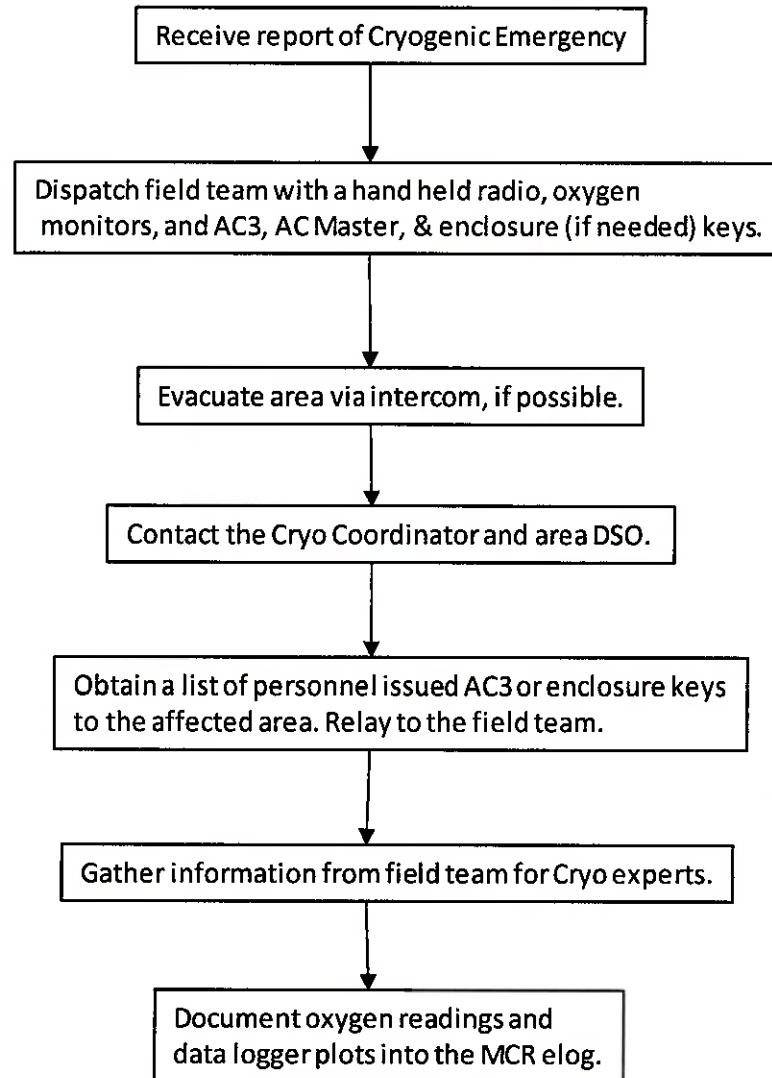
#### 4.0 **DISTRIBUTION**

- 4.1 An electronic controlled copy of this procedure is maintained on the AD Operations website at: <https://operations.fnal.gov/ops/addp.html>.

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## Cryogenic Emergency Response Procedure - MCR



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