

ACCELERATOR DIVISION DEPARTMENTAL PROCEDURE

ACCELERATOR OPERATIONS DEPARTMENT

ADDP-OP-0006

BEAM-ON ACCIDENT IN ACCELERATOR ENCLOSURES

EMERGENCY RESPONSE PROCEDURE

Field

PREPARED BY Joe Compton DATE 4/13/23
Joe Compton
AD Operations Department

APPROVED BY Todd Sullivan DATE 04/17/2023
Todd Sullivan
AD Operations Department Head

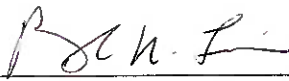
REVISION NO. 1


REVISION ISSUE DATE 4/13/2023

CONTROLLED DOCUMENT

Users are responsible for ensuring they are working to the latest approved revision. Printed or electronically transmitted copies are uncontrolled.

REVIEW AND CONCURRENCE RECORD

REVIEWED BY  DATE 4-17-2023
Raymond Lewis
ES&H Acting AD Division Safety Officer

REVIEWED BY  DATE 5/4/2023
Benjamin Russell
ES&H RPO Radiation Safety Officer

CONTROLLED DOCUMENT

Users are responsible for ensuring they are working to the latest approved revision. Printed or electronically transmitted copies are uncontrolled.

Author	Description of Change	Revision Date
Joe Compton	Updated to the required procedure format. Added flow chart in Attachment 1.	5/16/22

CONTROLLED DOCUMENT

Users are responsible for ensuring they are working to the latest approved revision. Printed or electronically transmitted copies are uncontrolled.

1.0 PURPOSE AND SCOPE1

2.0 RESPONSIBILITIES1

3.0 INSTRUCTIONS1

4.0 DISTRIBUTION2

ATTACHMENT 1: BEAM-ON ACCIDENT EXPOSURE EMERGENCY RESPONSE
PROCEDURE – FIELD1

CONTROLLED DOCUMENT

Users are responsible for ensuring they are working to the latest approved revision. Printed or electronically transmitted copies are uncontrolled.

1.0 PURPOSE AND SCOPE

The purpose of this Accelerator Division Departmental Procedure (ADDP) is to establish and define Fermilab Accelerator Division Operations Department Main Control Room (MCR) Field Team response to a Beam-On Emergency in accelerator enclosures.

2.0 RESPONSIBILITIES

- 2.1 Crew chief or designee shall initiate response.
- 2.2 The MCR Field Team shall follow the included instructions.

3.0 INSTRUCTIONS

3.1 Incoming report of person possibly exposed to beam.

3.1.1 Field Team dispatched with the following:

- a. Hand held radio
- b. LSM
- c. Enclosure keys

Note: **Do not access the enclosure.** Wait for the Fermilab Fire Department (FFD) and assist the Incident Commander (IC) as needed.

3.1.2 Identify the person involved. Stay on scene and if possible try to keep the person at the scene until the Fermilab Fire Department arrives. Report the person's information to the Incident Commander.

3.1.3 Inform MCR of relevant information.

3.1.4 The Fermilab Fire Department will transport the person to an appropriate facility.

3.1.5 Return to the MCR after the emergency is declared over (command termination) and assist in gathering information.

Note: Attachment 1: Beam-on Accident Exposure Emergency Response Procedure -- Field flow chart listing the steps of this procedure is attached to this procedure.

CONTROLLED DOCUMENT

Users are responsible for ensuring they are working to the latest approved revision. Printed or electronically transmitted copies are uncontrolled.

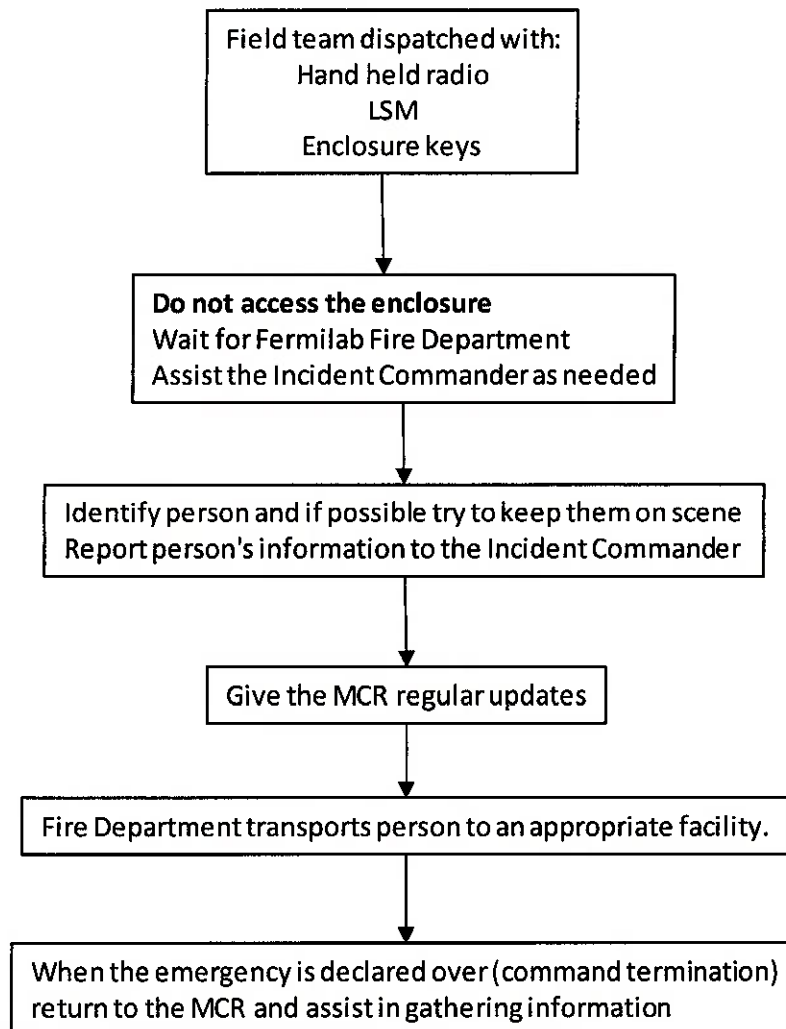
4.0 **DISTRIBUTION**

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

CONTROLLED DOCUMENT

Users are responsible for ensuring they are working to the latest approved revision. Printed or electronically transmitted copies are uncontrolled.

Beam-On Accident Emergency Response Procedure - Field



CONTROLLED DOCUMENT

Users are responsible for ensuring they are working to the latest approved revision. Printed or electronically transmitted copies are uncontrolled.

