

ACCELERATOR DIVISION DEPARTMENTAL PROCEDURE

ACCELERATOR OPERATIONS DEPARTMENT

ADDP-OP-0002

AP0 AIRBORNE RADIATION EMERGENCY RESPONSE

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

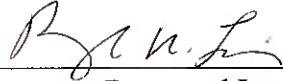
REVISION NO. 1


REVISION ISSUE DATE 4/13/2020

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 Attachment 1 flow chart. | 4/13/23 |
| | | |

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: AP-0 AIRBORNE RADIATION 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 an AP0 Airborne Radiation Emergency.

2.0 RESPONSIBILITIES

- 2.1 Crew chief or designee shall initiate response and select a field team.
- 2.2 Operators on the field team shall follow the following included instructions.
- 2.3 Fermilab Fire Department Officer in Charge will become the Incident Commander upon arriving on scene.
- 2.4 The area Radiation Safety Officer (RSO) will assist the Incident Commander once they arrive on the scene.

3.0 INSTRUCTIONS

- 3.1 Receive a report/indication of AP0 high airborne radiation.
 - 3.1.1 The field team is dispatched to AP0 with a hand held radio.
 - 3.1.2 Contact the Main Control Room (MCR) for a list of AP0 occupants.
 - 3.1.3 Compare AP0 evacuees to the occupant list. The field team shall inform the evacuees to remain for Radiation Safety personnel.
 - 3.1.4 Interview the evacuees to verify everyone is out and accounted for.

Note: **The field team shall not enter AP0 to search for personnel.**

- 3.1.5 Inform the Incident Commander and MCR of evacuee status and if there are any missing personnel.

CONTROLLED DOCUMENT

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

3.1.6 Assist the Incident Commander and Radiation Safety personnel when they arrive on scene.

3.1.7 The field team shall attempt to prevent unauthorized access to AP0 until the Incident Commander and the RSO approves entry.

Note: The Incident Commander may request that an expert, who is familiar with the area, enter the AP0 building to help with the investigation. The expert who enters the AP0 building will be escorted by Fire Department personnel at all times.

Note: Attachment 1: AP0 Airborne Radiation Emergency Response Procedure – Field includes a flow chart listing the steps of this procedure.

3.1.8 Return to the MCR once the emergency is declared over (command termination).

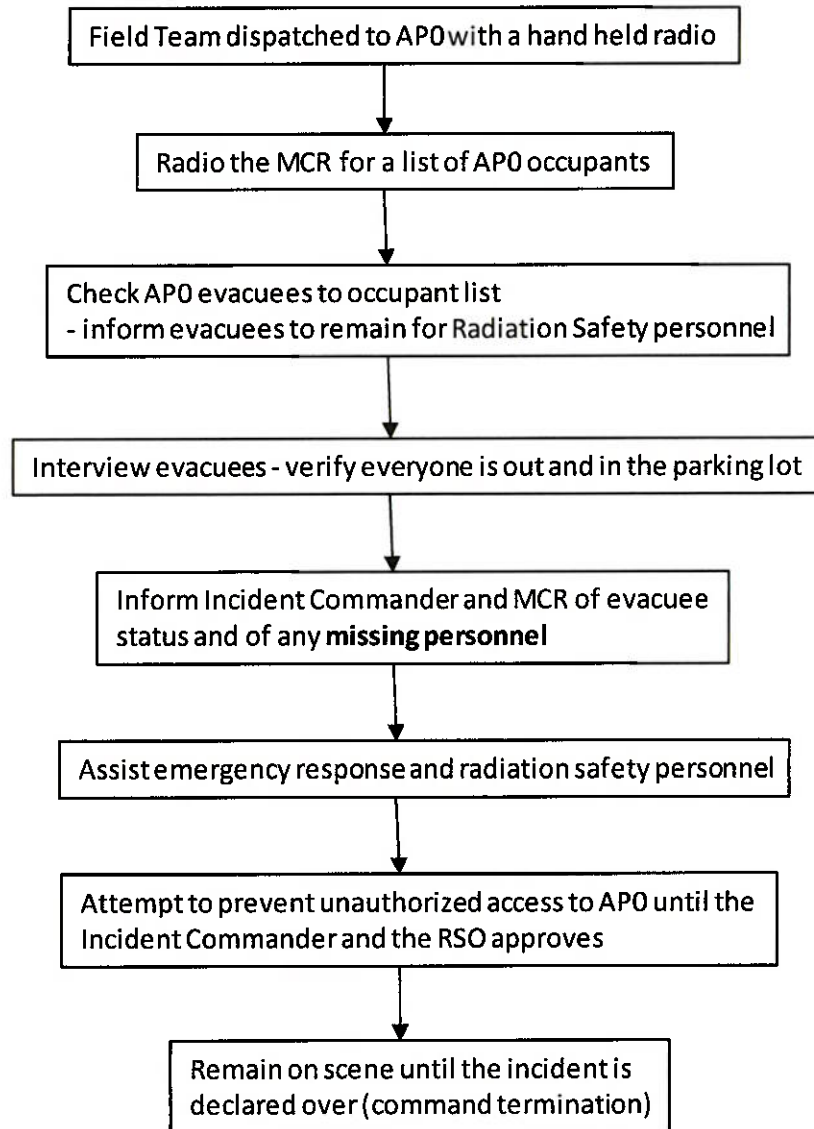
4.0 **DISTRIBUTION**

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.

APO Airborne Radiation 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.

