

WP 05-WH4401

Revision 3

**Waste Handling Operator
Event Response**

Emergency Procedure

EFFECTIVE DATE: 03/21/01

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PRINTED NAME

APPROVED FOR USE

1.0 ENTRY CONDITIONS

1.1 **IF** the following area alarms/events place any personnel in immediate danger or undue risk,
THEN Waste Handling Operators implement Immediate Actions, Section 2.1.

- ! Continuous air monitor (CAM) alarm
- ! Fire (in immediate area)
- ! Smoke
- ! Toxic gas
- ! Weakening structure
- ! Release of radioactive material (e.g., breached/spilled container)
- ! Spilled or leaking unknown substance
- ! If directed by an RCT upon identifying radioactive contamination > 6 ft² in size and/or > 100 times Table 2-5 limits of WP 12-5, WIPP Radiation Safety Manual

1.2 **IF** the following area alarms/events do **NOT** place any personnel in immediate danger,
THEN Waste Handling Operators implement Immediate Actions, Section 2.2, as appropriate.

- ! Loss of ventilation
- ! Loss of power
- ! Violation of a Technical Safety Requirement Administrative Control
- ! Fire alarm (not in immediate area)
- ! Equipment failure
- ! If directed by an RCT upon identifying radioactive contamination # 6 ft² in size and/or # 100 times Table 2-5 limits of WP 12-5, WIPP Radiation Safety Manual

2.0 IMMEDIATE ACTIONS

2.1 IMMEDIATE DANGER ALARMS/EVENTS

- 2.1.1 Stop equipment operation and work activities in affected area.
- 2.1.2 Warn others.
- 2.1.3 Exit area immediately.
- 2.1.4 Notify Central Monitoring Room (CMR).

2.2 OTHER ALARMS/EVENTS

NOTE

Lowering of a suspended load during Waste Processing, may be performed after radiological surveys are complete.

- 2.2.1 Lower suspended loads to stable surface.
- 2.2.2 During loss of power, secure and cordon off area beneath and adjacent to a suspended load.
- 2.2.3 If necessary, isolate affected area.
- 2.2.4 Secure operating equipment.
- 2.2.5 Notify Central Monitoring Room (CMR).

3.0 EXIT CONDITIONS

- 3.1 **AFTER** alarm/event situation is terminated **AND** Waste Handling (WH) Engineer's permission is received, **THEN** return to work area.
- 3.2 Lower any suspended loads to place in a safe condition.
- 3.3 Inspect the following for abnormal conditions:
 - ! Affected work area
 - ! Affected equipment
- 3.4 Notify WH Engineer of deficiencies.

3.5 If necessary, relocate "In-Process" TRUPACT-IIs RH shipping casks.

3.6 Resume operations according to the following, as applicable:

- ! Radiological Work Permit
- ! Safe Work Permit
- ! Operating Procedures