ADDENDUM F
PREPAREDNESS AND PREVENTION

Part III, Operating Unit Group 18-F.i
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## ADDENDUM F

### PREPAREDNESS AND PREVENTION

<table>
<thead>
<tr>
<th>Contents</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>F</strong> PREPAREDNESS AND PREVENTION</td>
<td>F.1</td>
</tr>
<tr>
<td><strong>F.1</strong> Preparedness and Prevention Requirements</td>
<td>F.1</td>
</tr>
<tr>
<td><strong>F.1.1</strong> Equipment Requirements</td>
<td>F.1</td>
</tr>
<tr>
<td><strong>F.1.2</strong> Aisle Space Requirement</td>
<td>F.1</td>
</tr>
<tr>
<td><strong>F.2</strong> Preventive Procedures, Structures, and Equipment</td>
<td>F.1</td>
</tr>
<tr>
<td><strong>F.2.1</strong> Unloading Operations</td>
<td>F.1</td>
</tr>
<tr>
<td><strong>F.2.2</strong> Runoff</td>
<td>F.2</td>
</tr>
<tr>
<td><strong>F.2.3</strong> Water Supplies</td>
<td>F.2</td>
</tr>
<tr>
<td><strong>F.2.4</strong> Equipment and Power Failure</td>
<td>F.2</td>
</tr>
<tr>
<td><strong>F.2.5</strong> Personnel Protection Equipment</td>
<td>F.2</td>
</tr>
<tr>
<td><strong>F.3</strong> Prevention of Reaction of Ignitable, Reactive, and/or Incompatible Waste</td>
<td>F.2</td>
</tr>
</tbody>
</table>
F) PREPAREDNESS AND PREVENTION

F.1 Preparedness and Prevention Requirements

The following sections document the preparedness and prevention requirement of Low-Level Burial Ground (LLBG) Trench 94.

F.1.1 Equipment Requirements

The following sections describe the internal and external communications systems and the emergency equipment required that could be activated by the LLBG Trench 94 Building Emergency Director (BED).

F.1.1.1 Internal Communications

LLBG Trench 94 will be equipped with an internal communication system to provide immediate emergency instructions to personnel. The communication system will include two-way radios or cellular telephones.

F.1.1.2 External Communications

LLBG Trench 94 personnel at the LLBG Trench 94 have voice communication or equivalent (e.g., hand signals) during work assignments for summoning emergency assistance from the Hanford Fire Department, the Hazardous Materials Response Team, and/or local emergency response teams as necessary. External communication will be made through the telephone communication system, a two-way radio (hand-held and vehicle-mounted), two-way portable radios, and cellular telephones. In addition, the following external communication systems will be available for notifying persons assigned to emergency response organizations:

- Telephone number 911 from site office phones/373-0911 from cellular phones, contact point for the Hanford Facility; the Hanford Patrol Operations Center notifies and/or dispatches required emergency responders.
- Telephone number 373-3800, is the single point of contact for the Hanford Patrol Operations Center.

F.1.1.3 Emergency Equipment

Emergency equipment will be available for use at LLBG Trench 94 as required by WAC 173-303-340(1). The LLBG Trench 94 relies on the Hanford Fire Department to respond to fires and other emergencies as described in Permit Attachment 4, Hanford Emergency Management Plan, (DOE/RL-94-02). The LLBG Trench 94 operations personnel are trained in the use of emergency equipment according to Addendum G (Personnel Training). A list of equipment is included in Addendum J (Contingency Plan).

F.1.1.4 Water for Fire Control

The Hanford Fire Department will be equipped with fire engines to provide needed water for fire control for fires requiring high water volume and pressure at the LLBG Trench 94 operable unit.

F.1.2 Aisle Space Requirement

Aisle space requirements are not required because once the defueled reactor compartments are placed in the trench they are considered disposed.

F.2 Preventive Procedures, Structures, and Equipment

The following sections describe preventive procedures, structures, and equipment.

F.2.1 Unloading Operations

Unloading operations for the defueled reactor compartments will be performed by the U.S. Navy Department contractors and will be not turned over to the U.S. Department of Energy until the compartment is set in position for disposal.
If there is an incident during transport and/or disposal of the defueled reactor compartments, they will be managed as identified in Permit Conditions II.A and III.18.G.

F.2.2 Runoff

Addendum C (Process Information), contains the information on run-off and run-on for LLBG Trench 94.

F.2.3 Water Supplies

Descriptions of activities that prevent contamination of water supplies or groundwater include the following:

- Placement of defueled reactor compartments in LLBG Trench 94, refer to Addendum C (Process Information).
  - Waste will be containerized or stabilized to control migration of mixed waste.
  - Inspections will be performed.

F.2.4 Equipment and Power Failure

Electrical power loss for LLBG Trench 94 does not constitute an emergency.

F.2.5 Personnel Protection Equipment

Refer to the Contingency Plan requirements identified in Permit Conditions II.A and III.18.G for information regarding required personnel protection equipment at LLBG Trench 94.

F.3 Prevention of Ignitable, Reactive, and/or Incompatible Waste

LLBG Trench 94 will not dispose of ignitable, reactive, and/or incompatible waste.