LIQUID EFFLUENT RETENTION FACILITY (LERF) & 200 AREA EFFLUENT TREATMENT FACILITY (ETF)
ADDENDUM J
CONTINGENCY PLAN
CHANGE CONTROL LOG

Change Control Logs ensure that changes to this unit are performed in a methodical, controlled, coordinated, and transparent manner. Each unit addendum will have its own change control log with a modification history table. The “Modification Number” represents Ecology’s method for tracking the different versions of the permit. This log will serve as an up to date record of modifications and version history of the unit.

<table>
<thead>
<tr>
<th>Modification Date</th>
<th>Modification Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>08/25/2016</td>
<td>8C.2016.Q2</td>
</tr>
</tbody>
</table>
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ADDENDUM J
CONTINGENCY PLAN
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ADDENDUM J
CONTINGENCY PLAN

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J. CONTINGENCY PLAN

The requirements for a contingency plan at the Liquid Effluent Retention Facility (LERF) and 200 Area Effluent Treatment Facility (ETF) are satisfied in the following documents: portions of Hanford Facility Permit (Perm) Attachment 4, Hanford Emergency Management Plan (DOE/RL-94-02) and this Addendum.

The unit specific Building Emergency Plan also serves to satisfy a broad range of other requirements [e.g., Occupational Safety and Health Administration standards (29 Code of Federal Regulations [CFR] 1910), Toxic Substance Control Act of 1976 (40 CFR 761) and U.S. Department of Energy Orders]. Therefore, revisions made to portions of this unit specific Building Emergency Plan that are not governed by the requirements of Washington Administrative Code (WAC) 173-303 will not be considered as a modification subject to WAC 173-303-830 or Permit Condition I.C.3.

Table J.1 identifies the sections of the unit specific Building Emergency Plan written to meet WAC 173-303-350(3) contingency plan requirements. In addition, Section 12.0 of the unit specific Building Emergency Plan is written to meet WAC 173-303 requirements identifying where copies of Permit Attachment 4, Hanford Emergency Management Plan (DOE/RL-94-02) and the Building Emergency Plan are located and maintained on the Hanford Facility. Therefore, revisions to Addendum J require a modification subject to WAC 173-303-830 and/or Permit Condition I.C.3.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>-350(3)(a) - A description of the actions, which facility personnel must take to comply with this section and WAC 173-303-360.</td>
<td>X² Section 1.3.4</td>
<td>X² Sections 7.1, 7.2 through 7.2.5, and 7.3³ Sections 4.0 (1st paragraph), 8.2, 8.3, 8.4, 11.0</td>
<td>X² Sections J.3.1, J.3.2, through J.3.2.5, and J.3.3² Sections J.3, J.3.4, J.3.5, J.3.6, and J.5</td>
</tr>
<tr>
<td>-350(3)(b) - A description of the actions which shall be taken in the event that a dangerous waste shipment, which is damaged or otherwise presents a hazard to the public health and the environment, arrives at the facility, and is not acceptable to the owner or operator, but cannot be transported pursuant to the requirements of WAC 173-303-370(5), Manifest system, reasons for not accepting dangerous waste shipments.</td>
<td>X² Section 1.3.4</td>
<td>X², 4 Section 7.2.5.1</td>
<td>X², 4 Section J.3.2.5.1</td>
</tr>
<tr>
<td>-350(3)(c) - A description of the arrangements agreed to by local police departments, fire departments, hospitals, contractors, and state and local emergency response teams to coordinate emergency services as required in WAC 173-303-340(4).</td>
<td>X Sections 3.2.3, 3.3.1, 3.3.2, 3.4, 3.4.1.1, 3.4.1.2, 3.4.1.3, 3.7, and Table 3-1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Addendum J.5
### Table J.1. Hanford Facility Documents Containing Contingency Plan Requirements of WAC 173-303-350(3)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>-350(3)(d) - A current list of names, addresses, and phone numbers (office and home) of all persons qualified to act as the emergency coordinator required under WAC 173-303-360(1). Where more than one person is listed, one must be named as primary emergency coordinator, and others must be listed in the order in which they will assume responsibility as alternates. For new facilities only, this list may be provided to the department at the time of facility certification (as required by WAC 173-303-810(14)(a)(I)), rather than as part of the permit application.</td>
<td>X⁵ Section 3.1, 13.0</td>
<td>X⁵ Sections J.2 and J.7</td>
<td></td>
</tr>
<tr>
<td>-350(3)(e) - A list of all emergency equipment at the facility (such as fire extinguishing systems, spill control equipment, communications and alarm systems, and decontamination equipment), where this equipment is required. This list must be kept up to date. In addition, the plan must include the location and a physical description of each item on the list, and a brief outline of its capabilities.</td>
<td>X Section 9.0</td>
<td>X Section J.4</td>
<td></td>
</tr>
<tr>
<td>-350(3)(f) - An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary. This plan must describe the signal(s) to be used to begin evacuation, evacuation routes, and alternate evacuation routes.</td>
<td>X⁶ Figure 7-3 and Table 5-1</td>
<td>X⁷ Section 1.5</td>
<td>X⁷ Section J.1</td>
</tr>
</tbody>
</table>

An "X" indicates requirement applies.

¹Portions of Permit Attachment 4, Hanford Emergency Management Plan (DOE/RL-94-02) not enforceable through Appendix A of that document are not made enforceable by reference in the Building Emergency Plan.

²Permit Attachment 4, Hanford Emergency Management Plan (DOE/RL-94-02) contains descriptions of actions relating to the Hanford Site Emergency Preparedness System. No additional description of actions are required if at the site level. If other credible scenarios exist or if emergency procedures at the unit are different, the description of actions contained in the Building Emergency Plan will be used during an event by a building emergency director.

³Sections J.1, J.2 through J.2.5, and J.3 of the Building Emergency Plan are those sections subject to the Class 2 "Changes in emergency procedures (i.e., spill or release response procedures)" described in WAC 173-303-830, Appendix I, Section B.6.a.

⁴This requirement only applies to TSD units, which receive shipment of dangerous or mixed waste defined as off-site shipments in accordance with WAC 173-303.

⁵Emergency Coordinator names and home telephone numbers are maintained separate from any contingency plan document, on file in accordance with Permit Condition II.A.4 and are updated, at a minimum, monthly.

⁶The Hanford Facility (site-wide) signals are provided in this document. No unit/building signal information is required unless unique devices are used at the unit/building.

⁷An evacuation route for the TSD unit must be provided. Evacuation routes for occupied buildings surrounding the TSD unit are provided through information boards posted within buildings.

Addendum J.6
J.1 Building Evacuation Routing

Figures J.1 and J.2 provide identification of the primary and secondary staging areas and a general layout of the building 2025-E and LERF and 200 Area ETF. Alternate evacuation routes will be used on a case-by-case basis based on meteorological conditions at the time of the event.

J.2 Building Emergency Director

Emergency response will be directed by the Building Emergency Director (BED) until the Incident Commander (IC) arrives. The Incident Command System and staff with supporting on-call personnel fulfill the responsibilities of the Emergency Coordinator as discussed in WAC 173-303-360.

During events, LERF and 200 Area ETF personnel perform response duties under the direction of the BED. The Incident Command Post (ICP) is managed by the senior Hanford Fire Department official, unless the event is determined to be primarily a security event, in which case the Hanford Fire Department and Hanford Patrol will operate under a unified command system with Hanford Patrol making all decisions pertaining to security. These individuals are designated as the IC and as such, have the authority to request and obtain any resources necessary for protecting people and the environment.

The BED becomes a member of the ICP and functions under the direction of the IC. In this role, the BED continues to manage and direct LERF and 200 Area ETF operations.

A listing of BEDs by title, work location, and work telephone numbers is contained in Section J.7 of this plan. The BED is on the premises or is available through an "on-call" list 24 hours a day. Names and home telephone numbers of the BEDs are available from the Patrol Operations Center (POC) in accordance with Permit Condition II.A.4.

J.3 Implementation of the Contingency Plan

In accordance with WAC 173-303-201(14)(b) or WAC 173-303-360(2)(b) the BED ensures that trained personnel identify the character, source, amount, and areal extent of the release, fire, or explosion to the extent possible. Identification of waste can be made by activities that can include, but are not limited to, visual inspection of involved containers, sampling activities in the field, reference to inventory records, or by consulting with facility personnel. Samples of materials involved in an emergency might be taken by qualified personnel and analyzed as appropriate. These activities must be performed with a sense of immediacy and shall include available information.

The BED shall use the following guidelines to determine if an event has met the requirements of WAC 173-303-201(14)(d) or WAC 173-303-360(2)(d):

1. The event involved an unplanned spill, release, fire, or explosion,

   AND

2.a The unplanned spill or release involved a dangerous waste, or the material involved became a dangerous waste as a result of the event (e.g., product that is not recoverable), or

2.b The unplanned fire or explosion occurred at the LERF and 200 Area ETF or transportation activity subject to RCRA contingency planning requirements,

   AND

3. Time urgent response from an emergency services organization was required to mitigate the event or a threat to human health or the environment exists.

As soon as possible, after stabilizing event conditions, the BED shall determine, in consultation with the site contractor environmental single point-of-contact, if notification to the Washington State Department of Ecology (Ecology) is needed to meet WAC 173-303-201(14)(d) or WAC 173-303-360(2)(d) reporting requirements. If all of the conditions under 1, 2, and 3 are met, notifications are to be made to Ecology. Additional information is found in Permit Attachment 4, Hanford Emergency Management Plan, (DOE/RL-94-02), Section 4.2.
If review of all available information does not yield a definitive assessment of the danger posed by the incident, a worst-case condition will be presumed and appropriate protective actions and notifications will be initiated. The BED is responsible for initiating any protective actions based on their best judgment of the incident.

The BED must assess each incident to determine the response necessary to protect the personnel, facility, and the environment. If assistance from Hanford Patrol, Hanford Fire Department, or ambulance units is required, the Hanford Emergency Response Number (911 or 509-373-0911 if using a cell phone) must be used to contact the POC and request the desired assistance. To request other resources or assistance from outside the LERF and 200 Area ETF, the POC business number is used (373-3800).

**J.3.1 Protective Actions Responses**

Protective action responses are discussed in the following sections. The steps identified in the following description of actions do not have to be performed in sequence because of the unanticipated sequence of incident events.

**J.3.1.1 Evacuation**

The objective of a facility evacuation order is to limit personnel exposure to hazardous materials or dangerous/mixed waste by increasing the distance between personnel and the hazard. The scope of the evacuation includes evacuation of the facility because of an event at the facility as well as evacuation of the facility in response to a site evacuation order. Evacuation will be directed by the BED when conditions warrant and will apply to all personnel not actively involved in the event response or emergency plan related activities.

The BED will initiate the evacuation by directing an announcement be made to evacuate along with the evacuation location over a public address system, facility radios, and, as conditions warrant, by activating the 200 Area site evacuation alarms by calling the POC using 911 or 509-373-0911 if using a cell phone. Personnel proceed to a predetermined staging area (shown in Figure J.2), or other safe upwind location, as determined by the BED. The BED will determine the operating configuration of the facility and identify any additional protective actions to limit personnel exposure to the hazard.

Emergency organization personnel or assigned operations personnel will conduct a sweep of occupied buildings to ensure that all non-essential personnel and visitors have evacuated. For an immediate evacuation, accountability will be performed at the staging area. The BED will assign personnel as accountability aides and staging managers with the responsibility to ensure that evacuation actions are taken at all occupied buildings at the LERF and 200 Area ETF. All implementing actions executed by the aides/managers are directed by the emergency response procedures. When evacuation actions are complete, the aides/managers will provide a status report to the BED. The BED will provide status to the IC.
Figure J.1. Evacuation Routes from Building 2025E
Figure J.2. LERF and 200 Area ETF Site Plan
J.3.1.2 Take Cover

The objective of the take cover order is to limit personnel exposure to hazardous materials, or dangerous/mixed waste when evacuation is inappropriate or not practical. Evacuation might not be practical or appropriate because of extreme weather conditions or the material release might limit the ability to evacuate safely personnel.

The BED will initiate the take cover by directing an announcement be made over the public address system, facility radios, and, as conditions warrant, by activating the 200 Area site take cover alarms by calling the POC using 911 (509-373-0911 if using a cell phone). Actions to complete a facility take-cover will be directed by the emergency response procedure. Protective actions associated with operations include configuring, or shutting down, the ventilation systems. Determination of additional take cover response is based on plant operating configuration, weather conditions, amount and duration of release, and other conditions, as applicable to the event and associated hazard. As a minimum, personnel exposure to the hazard will be minimized. The BED will assign personnel as accountability aides with responsibility to ensure that take-cover actions are taken at all occupied buildings at 200 Area ETF. All implementing actions executed by the aides/managers are directed by the emergency response procedure. When take cover actions are complete, the aides/manager will provide the BED with a status report.

J.3.2 Response to Facility Operations Emergencies

Depending on the severity of the following events, the BED reviews the site wide procedures and LERF and 200 Area ETF emergency response procedure(s) and, as required, categorizes and/or classifies the event. If necessary, the BED initiates area protective actions and Hanford Site Emergency Response Organization activation. The steps identified in the following description of actions do not have to be performed in sequence because of the unanticipated sequence of incident events.

J.3.2.1 Loss of Utilities

A case-by-case evaluation is required for each event to determine loss of utility impacts. When a BED determines a loss of utility impact, actions are taken to ensure dangerous and/or mixed waste is being properly managed, to the extent possible given event circumstances. As necessary, the BED will stop operations and take appropriate actions until the utility is restored.

J.3.2.2 Major Process Disruption/Loss of Plant Control

The hazards assessment has determined that this occurrence does not pose significant risk to human health or the environment.

J.3.2.3 Pressure Release

The hazards assessment has determined that a pressure release does not pose significant risk to human health or the environment. Hazardous material release and dangerous/mixed waste releases are addressed in Section J.2.5.

J.3.2.4 Fire and/or Explosion

In the event, of a fire, the discoverer activates a fire alarm (pull box); calls 911 (509-373-0911 if using a cell phone) or verifies that the Hanford Emergency Response Number has been called. Automatic initiation of a fire alarm (through the smoke detectors, and sprinkler systems) is also possible.

- Unless otherwise instructed, personnel shall evacuate the area/building by the nearest safe exit and proceed to the designated staging area for accountability.
- On actuation of the fire alarm, ONLY if time permits, personnel should shut down equipment, secure waste, and lock up classified materials (or hand carry them out). The alarm automatically signals the Hanford Fire Department.
- The BED proceeds directly to the ICP, obtains all necessary information pertaining to the incident, and sends a representative to meet Hanford Fire Department.
- The BED provides a formal turnover to the IC when the IC arrives at the ICP.
The BED informs the Hanford Site Emergency Response Organization as to the extent of the emergency (including estimates of dangerous waste and mixed waste quantities released to the environment).

If operations are stopped in response to the fire, the BED ensures that systems are monitored for leaks, pressure buildup, gas generation, and ruptures.

Hanford Fire Department firefighters extinguish the fire as necessary.

Note: Following a fire and/or explosion, WAC 173-303-640(7) will be addressed for the 200 Area ETF regarding fitness for use.

### J.3.2.5 Hazardous Material, Dangerous and/or Mixed Waste Spill

Spills can result from many sources including process leaks, container spills or leaks, damaged packages or shipments, or personnel error. Spills of mixed waste are complicated by the need to deal with the extra hazards posed by the presence of Atomic Energy Act materials. These controls include containment berms, dedicated spill control sumps, remote gauges, and level indicators as well as spray shields on chemical pipe flanges. WRPS procedures provide alarm response and maintenance actions for leak detection equipment, surveillance of possible leak locations, and response actions for detected spills.

- The discoverer notifies BED and initiates SWIM response:
  - Stops work
  - Warns others in the vicinity
  - Isolates the area
  - Minimizes the exposure to the hazards
- If Operations are stopped, the BED ensures that the plant is put in a safe shutdown configuration.
- The BED determines if emergency conditions exist requiring response from the Hanford Fire Department based on classification of the spill and injured personnel, and evaluates need to perform additional protective actions.
- If the Hanford Fire Department resources are not needed, the spill is mitigated with resources identified in Section J.4 of this plan and proper notifications are made.
- If the Hanford Fire Department resources are needed, the BED calls 911 (509-373-0911 if using a cell phone).
- The BED sends a representative to meet the Hanford Fire Department.
- The BED provides a formal turnover to the IC when the IC arrives at the ICP.
- The BED informs the Hanford Site Emergency Response Organization as to the extent of the emergency (including estimates of dangerous waste and mixed waste quantities released to the environment).
- If operations are stopped in response to the spill, the BED ensures that systems are monitored for leaks, pressure buildup, gas generation, and ruptures.
- Hanford Fire Department stabilizes the spill.

Note: For response to leaks or spills and disposition of leaking or unfit-for-use tank systems, refer to WAC 173-303-640(7).

### J.3.2.5.1 Damaged, or Unacceptable Shipments

During the course of receiving an onsite transfer of dangerous and/or mixed waste at LERF and 200 Area ETF an unanticipated event could be discovered resulting in a conformance issue concerning the waste. Damaged or unacceptable shipments resulting from onsite transfers are not subject to WAC 173-303-370 however conformance issues must be resolved in order to maintain proper records.

The following actions are taken to resolve the conformance issue:
• Operations management is notified of the damaged or unacceptable waste to be received.
• If the conformance issue results in a spill or release, actions described in Section J.3.2.5 are taken.
• The generating organization is notified of the conformance issue.

An operations representative, in conjunction with the generating organization, determines the course of action to resolve the conformance issue.

**J.3.3 Prevention of Recurrence or Spread of Fires, Explosions, or Releases**
The BED, as part of the ICP, takes the steps necessary to ensure that a secondary release, fire, or explosion does not occur. The BED will take measures, where applicable, to stop processes and operations, collect and contain released waste, and remove or isolate containers. The BED shall also monitor for leaks, pressure buildups, gas generation, or ruptures in valves, pipes, or other equipment, whenever this is appropriate.

**J.3.4 Incident Recovery and Restart of Operations**
A recovery plan is developed when necessary in accordance with Permit Attachment 4, *Hanford Emergency Management Plan*, (DOE/RL-94-02), Section 9.2. A recovery plan is needed following an event where further risk could be introduced to personnel, the LERF and 200 Area ETF, or the environment through recovery action and/or to maximize the preservation of evidence.

If this plan was implemented according to Section J.3 of this plan, Ecology is notified before operations can resume. Permit Attachment 4, *Hanford Emergency Management Plan*, (DOE/RL-94-02), Section 5.1 discusses different reports to outside agencies. This notification is in addition to those required reports and includes the following statements:

• There are no incompatibility issues with the waste and released materials from the incident.

• All the equipment has been cleaned, fit for its intended use, and placed back into service.

The notification required by WAC 173-303-201(14)(j) or WAC 173-303-360(2)(j) may be made via telephone conference. Additional information that Ecology requests regarding these restart conditions will be included in the required 15-day report identified in Section J.5 of this plan.

For emergencies not involving activation of the Hanford Emergency Operations Center, the BED ensures that conditions are restored to normal before operations are resumed. If the Hanford Site Emergency Response Organization was activated and the emergency phase is complete, a special recovery organization could be appointed at the discretion of RL to restore conditions to normal. This process is detailed in RL and contractor emergency procedures. The makeup of this organization depends on the extent of the damage and the effects. The onsite recovery organization will be appointed by the appropriate contractor's management.

**J.3.5 Incompatible Waste**
After an event, the BED or the onsite recovery organization ensures that no waste that might be incompatible with the released material is treated, stored, and/or disposed of until cleanup is completed. Cleanup actions are taken by LERF and 200 Area ETF personnel or other assigned personnel. Permit Attachment 4, *Hanford Emergency Management Plan*, (DOE/RL-94-02), Section 9.2.3, describes actions to be taken.

Waste from cleanup activities is designated and managed as newly generated waste. A field check for compatibility before storage is performed as necessary. Incompatible wastes are not placed in the same container. Containers of waste are placed in storage areas appropriate for their compatibility class.

If incompatibility of wastes was a factor in the incident, the BED or the onsite recovery organization ensures that the cause is corrected.
J.3.6 Post Emergency Equipment Maintenance and Decontamination

All equipment used during an incident is decontaminated (if practicable) or disposed of as spill debris. Decontaminated equipment is checked for proper operation before storage for subsequent use. Consumable and disposed materials are restocked. Used fire extinguishers are replaced. The BED ensures that all equipment is cleaned and fit for its intended use before operations are resumed. Depleted stocks of neutralizing and absorbing materials are replenished; protective clothing is cleaned or disposed of and restocked, etc.

J.4 Emergency Equipment

Emergency resources and equipment for the LERF and 200 Area ETF are presented in this section.

J.4.1 Fixed Emergency Equipment

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Capability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety shower/eye wash stations</td>
<td>• 2025-E Rm 112 Laboratory</td>
<td>Assist in flushing chemicals/materials from the body and/or eyes and face of personnel.</td>
</tr>
<tr>
<td>(200 Area ETF only)</td>
<td>• 2025-E Rm 122 Decon Station</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 2025-E Rm 131, South Process Area</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 2025-E Rm 134, Air Compressor Room</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 2025-E Concentrated acid/caustic tank area (outside)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 2025-ED Load-In Station (outside)</td>
<td></td>
</tr>
<tr>
<td>Wet pipe sprinkler</td>
<td>Throughout building 2025-E except those areas protected by preactive sprinklers</td>
<td>Assist in the control of a fire.</td>
</tr>
<tr>
<td>(200 Area ETF only)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Preactive sprinkler (200 Area ETF only)</td>
<td>200 Area ETF Control Room, communications room, electrical equipment room</td>
<td>Assist in the control of a fire. Maintained dry to prevent accidental damage to equipment</td>
</tr>
<tr>
<td>Fire alarm pull boxes</td>
<td>All high traffic areas in operations administration and support areas, truck bay, and process area</td>
<td>Activate the local fire alarm</td>
</tr>
<tr>
<td>(200 Area ETF only)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E-lights</td>
<td>Throughout 200 Area ETF</td>
<td>1 hour temporary lighting</td>
</tr>
</tbody>
</table>

J.4.2 Portable Emergency Equipment

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Capability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire extinguisher</td>
<td>Throughout 200 Area ETF (Administrative/Support areas), LERF, and TEDF</td>
<td>Fire suppression for Class A, B, and C fires</td>
</tr>
<tr>
<td>ABC type</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fire extinguisher</td>
<td>Throughout 200 Area ETF (process area and electrical room)</td>
<td>Fire suppression for Class B and C fires</td>
</tr>
<tr>
<td>BC type</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Portable safety showers and Eye Wash Stations</td>
<td>As needed for special evolutions and maintenance</td>
<td>Assist in flushing chemicals/materials from the body and/or eyes and face of personnel.</td>
</tr>
</tbody>
</table>

Addendum J.14
### J.4.3 Communications Equipment/Warning Systems

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Capability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire alarms (200 Area ETF only)</td>
<td>Corridors, locker rooms, process area, drum storage, and truck bay</td>
<td>Audible throughout 200 Area ETF</td>
</tr>
<tr>
<td>Take cover/evacuation</td>
<td>Throughout the 200 Area ETF</td>
<td>Audible outside buildings and inside administrative buildings</td>
</tr>
<tr>
<td>Public address system (200 Area ETF Only)</td>
<td>Throughout the 200 Area ETF</td>
<td>Audible throughout 200 Area ETF</td>
</tr>
<tr>
<td>Portable radios</td>
<td>Operations and maintenance personnel</td>
<td>Communication to 200 Area ETF Control Room</td>
</tr>
</tbody>
</table>
  • **LERF**: MO-180 and 242AL71 instrument building, LERF Garage 242AL11  
  • **TEDF**: 225-E (pump house 1), 225W (pump house 2), 6653 (sample building), 6653-A (pump house 3) | Internal and external communications. Allows notification of outside resources (POC, HFD, Hanford Patrol, etc.) |

Note: Sitewide communications and warning systems are identified in Permit Attachment 4, *Hanford Emergency Management Plan*, (DOE/RL-94-02), Table 5.1.

### J.4.4 Personal Protective Equipment

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Capability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acid suits</td>
<td>In the spill response cabinets in 2025E</td>
<td>Chemical protection for personnel during containment and isolation</td>
</tr>
<tr>
<td>Respirators</td>
<td>2025-E, 1st Floor</td>
<td>Filtered air for recovery of known hazards</td>
</tr>
</tbody>
</table>

### J.4.5 Spill Control and Containment Supplies

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Capability</th>
</tr>
</thead>
</table>
| Spill bags, drums, carts, etc. | • 2025-E in process area  
  • 2025-E upper level process area  
  • 2025-E Rm 125A  
  • 2025-ED Load-In Station  
  • TEDF 6653 Disposal Building | Support containment and cleanup of hazardous material spills               |
| Spill response cabinet        | • 2025-E Rm 122  
  • container storage CONEX East of 2025E building within the TSD unit boundary  
  • outside southeast side of 2025E  
  • TEDF 6653 Disposal Building  
  • MO-180 Change Trailer | Support equipment for spill response                                    |
J.4.6 Incident Command Post

The IC determines the location of the ICP based on the event and may use the Hanford Fire Department Mobile Command Unit if necessary. The 200 Area ETF Control Room and the 2025-EA may be used by the BED for initial response management and may be used as the formal ICP as determined by the IC. Emergency resource materials are stored at each location.

J.5 Required Reports

Post incident, written reports are required for certain incidents on the Hanford Site. The reports are described in Permit Attachment 4, *Hanford Emergency Management Plan*, (DOE/RL-94-02), Section 5.1. Facility management must note in the Hanford Facility Operating Record, LERF & 200 Area ETF File, the time, date and details of any incident that requires implementation of the contingency plan (refer to Section J.3). Within 15 days after the incident, a written report must be submitted to Ecology. The report must include the elements specified in WAC 173-303-201(14)(k) or WAC 173-303-360(2)(k).

J.6 Plan Location and Amendments

Copies of this plan are maintained at the following locations:

- 200 Area ETF Control Room
- Building 2025-EA ICP

This plan will be reviewed and immediately amended as necessary, in accordance with Permit Attachment 4, *Hanford Emergency Management Plan*, (DOE/RL-94-02), Section 14.3.1.1.

J.7 Facility/Building Emergency Response Organization

<table>
<thead>
<tr>
<th>LERF and 200 Area ETF Building Emergency Directors</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Title</strong></td>
</tr>
<tr>
<td>Shift Operation Manager (SOM)</td>
</tr>
</tbody>
</table>

Names and home telephone numbers of the BEDs are available from the POC (373-3800) in accordance with Permit Condition II.A.4.