

1
2
3
4

**ADDENDUM J
CONTINGENCY PLAN**

1
2
3
4
5

This page intentionally left blank.

**ADDENDUM J
CONTINGENCY PLAN**

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34

CONTENTS

J. CONTINGENCY PLAN J.5

J.1 Building Evacuation Routing.....J.7

J.2 Building Emergency DirectorJ.7

J.3 Implementation of the Plan.....J.7

J.3.1 Protective Actions ResponsesJ.8

J.3.2 Response to Facility Operations Emergencies.....J.11

J.3.3 Prevention of Recurrence or Spread of Fires, Explosions, or ReleasesJ.13

J.3.4 Incident Recovery and Restart of OperationsJ.13

J.3.5 Incompatible WasteJ.13

J.3.6 Post Emergency Equipment Maintenance and DecontaminationJ.14

J.4 Emergency Equipment.....J.14

J.4.1 Fixed Emergency Equipment.....J.14

J.4.2 Portable Emergency EquipmentJ.14

J.4.3 Communications Equipment/Warning SystemsJ.15

J.4.4 Personal Protective EquipmentJ.15

J.4.5 Spill Control and Containment Supplies.....J.15

J.4.6 Incident Command Post.....J.15

J.5 Required ReportsJ.15

J.6 Plan Location and AmendmentsJ.16

J.7 Facility/Building Emergency Response Organization.....J.16

FIGURES

Figure J.1 Evacuation Routes from 2025E J.9

Figure J.2. LERF and 200 Area ETF Site Plan J.10

TABLE

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

1
2
3
4
5

This page intentionally left blank.

1 **J. CONTINGENCY PLAN**

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

5 The unit specific building emergency plan also serves to satisfy a broad range of other requirements
6 [e.g., Occupational Safety and Health Administration standards ([29 CFR 1910](#)), *Toxic Substance Control*
7 *Act of 1976* ([40 CFR 761](#)) and U.S. Department of Energy Orders]. Therefore, revisions made to portions
8 of this unit specific building emergency plan that are not governed by the requirements of [WAC 173-303](#)
9 will not be considered as a modification subject to [WAC 173-303-830](#) or Permit Condition I.C.3.

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

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

Requirement	Permit Attachment 4, <i>Hanford Emergency Management Plan</i> (DOE/RL-94-02)	Building Emergency Plan ¹ (HNF-IP-0263-ETF)	Part III, OU-3, LERF & 200 Area ETF, Addendum J
-350 (3)(a) - A description of the actions, which facility personnel must take to comply with this section and WAC 173-303-360 .	X ² Section 1.3.4	X ² Sections 7.1, 7.2 through 7.2.5, and 7.3 ³ Sections 4.0 (1 st paragraph), 8.2, 8.3, 8.4, 11.0	X ² Sections J.3.1, J.3.2, through J.3.2.5, and J.3.3 ³ Sections J.3, J.3.4, J.3.5, J.3.6, and J.5
-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.	X ² Section 1.3.4	X ^{2, 4} Section 7.2.5.1	X ^{2, 4} Section J.3.2.5.1
-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).	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		

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

Requirement	Permit Attachment 4, <i>Hanford Emergency Management Plan</i> (DOE/RL-94-02)	Building Emergency Plan ¹ (HNF-IP-0263-ETF)	Part III, OU-3, LERF & 200 Area ETF, Addendum J
<u>173-303-350(3)(d)</u> - A current list of names, addresses, and phone numbers (office and home) of all persons qualified to act as the emergency coordinator required under <u>WAC 173-303-360(1)</u> . 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 <u>WAC 173-303-810(14)(a)(I)</u>), rather than as part of the permit application.		X ⁵ Section 3.1, 13.0	X ⁵ Sections J.2 and J.7
<u>173-303-350(3)(e)</u> - 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.		X Section 9.0	X Section J.4
<u>173-303-350(3)(f)</u> - 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.	X ⁶ Figure 7-3 and Table 5-1	X ⁷ Section 1.5	X ⁷ Section J.1

An "X" indicates requirement applies.

¹ Portions 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.

² Permit 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.

³ Sections 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.

⁴ This 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.

⁵ Emergency 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.

⁶ The 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.

⁷ An 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.

1 **J.1 Building Evacuation Routing**

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

5 **J.2 Building Emergency Director**

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

9 During events, ETF/LERF personnel perform response duties under the direction of the BED. The
10 Incident Command Post (ICP) is managed by the senior Hanford Fire Department official, unless the
11 event is determined to be primarily a security event, in which case the Hanford Fire Department and
12 Hanford Patrol will operate under a unified command system with Hanford Patrol making all decisions
13 pertaining to security. These individuals are designated as the IC and as such, have the authority to
14 request and obtain any resources necessary for protecting people and the environment. The BED
15 becomes a member of the ICP and functions under the direction of the IC. In this role, the BED continues
16 to manage and direct LERF/ETF operations.

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

21 **J.3 Implementation of the Plan**

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

29 The BED shall use the following guidelines to determine if an event has met the requirements of
30 [WAC 173-303-360\(2\)\(d\)](#):

- 31 1. The event involved an unplanned spill, release, fire, or explosion,
32 AND
- 33 2.a The unplanned spill or release involved a dangerous waste, or the material involved became a
34 dangerous waste as a result of the event (e.g., product that is not recoverable.), or
- 35 2.b The unplanned fire or explosion occurred at the ETF/LERF or transportation activity subject
36 to RCRA contingency planning requirements,
37 AND
- 38 3. Time urgent response from an emergency services organization was required to mitigate the
39 event or a threat to human health or the environment exists.

40 As soon as possible, after stabilizing event conditions, the BED shall determine, in consultation with the
41 site contractor environmental single point-of-contact, if notification to the Washington State Department
42 of Ecology (Ecology) is needed to meet [WAC 173-303-360\(2\)\(d\)](#) reporting requirements. If all of the
43 conditions under 1, 2, and 3 are met, notifications are to be made to Ecology. Additional information is
44 found in Permit Attachment 4, *Hanford Emergency Management Plan*, (DOE/RL-94-02), Section 4.2.

45 If review of all available information does not yield a definitive assessment of the danger posed by the
46 incident, a worst-case condition will be presumed and appropriate protective actions and notifications will

1 be initiated. The BED is responsible for initiating any protective actions based on their best judgment of
2 the incident.

3 The BED must assess each incident to determine the response necessary to protect the personnel, facility,
4 and the environment. If assistance from Hanford Patrol, Hanford Fire Department, or ambulance units is
5 required, the Hanford Emergency Response Number (911 from site office phones/373-0911 from cellular
6 phones) must be used to contact the POC and request the desired assistance. To request other resources
7 or assistance from outside the ETF/LERF, the POC business number is 373-3800.

8 **J.3.1 Protective Actions Responses**

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

12 **J.3.1.1 Evacuation**

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

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

25 Emergency organization personnel or assigned operations personnel will conduct a sweep of occupied
26 buildings to ensure that all non-essential personnel and visitors have evacuated. For an immediate
27 evacuation, accountability will be performed at the staging area. The BED will assign personnel as
28 accountability aides and staging managers with the responsibility to ensure that evacuation actions are
29 taken at all occupied buildings at the ETF/LERF. All implementing actions executed by the
30 aides/managers are directed by the emergency response procedures. When evacuation actions are
31 complete, the aides/managers will provide a status report to the BED. The BED will provide status to the
32 IC.

33

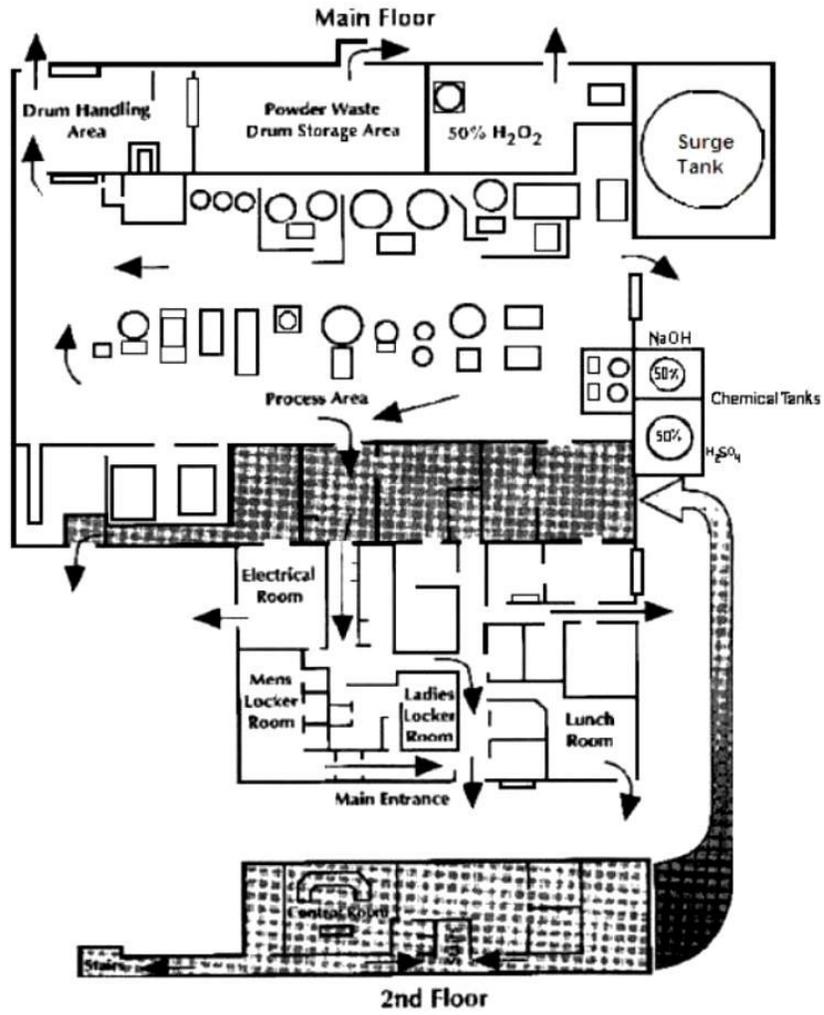


Figure J.1 Evacuation Routes from 2025E

- 1
- 2
- 3

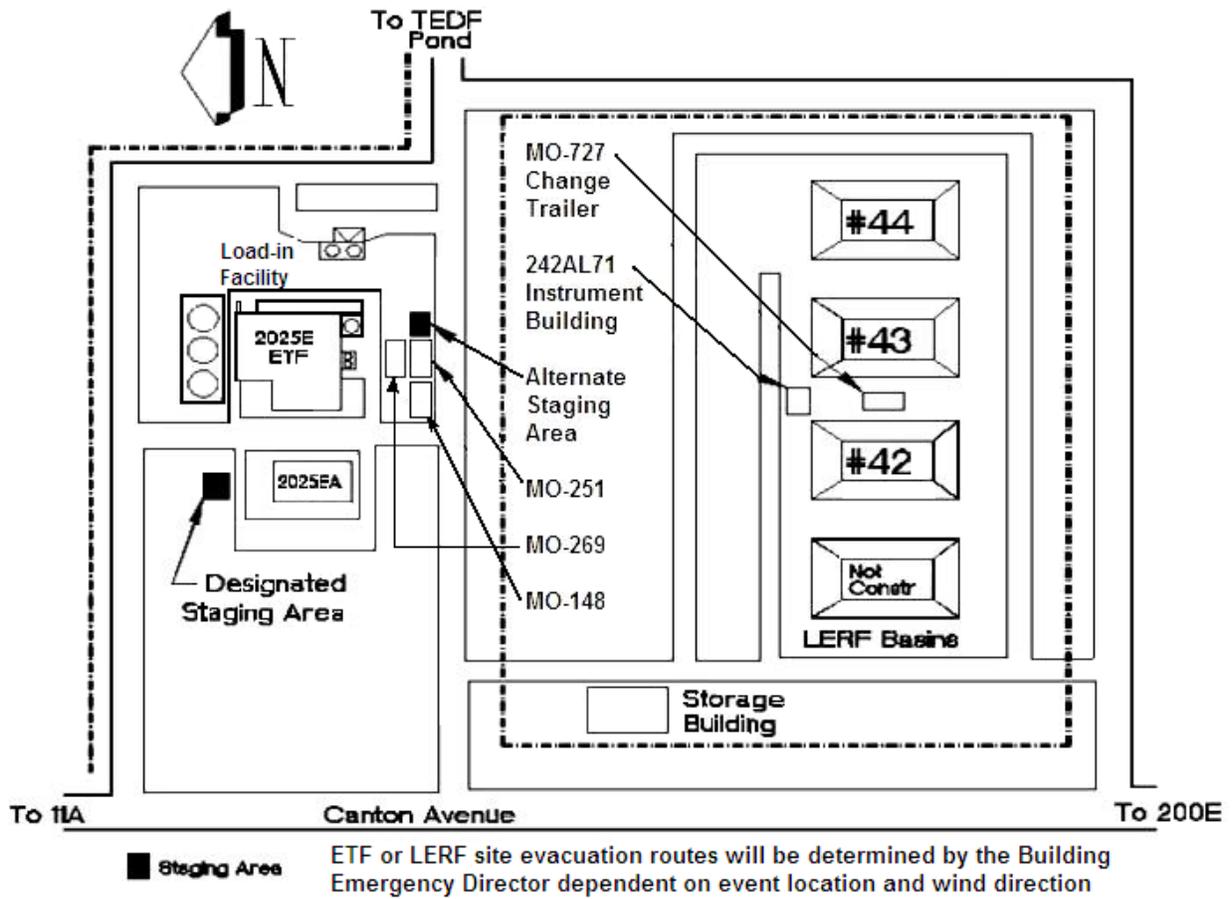


Figure J.2. LERF and 200 Area ETF Site Plan

- 1
- 2
- 3
- 4

1 **J.3.1.2 Take Cover**

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

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

18 **J.3.2 Response to Facility Operations Emergencies**

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

24 **J.3.2.1 Loss of Utilities**

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

29 **J.3.2.2 Major Process Disruption/Loss of Plant Control**

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

32 **J.3.2.3 Pressure Release**

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

36 **J.3.2.4 Fire and/or Explosion**

37 In the event, of a fire, the discoverer activates a fire alarm (pull box); calls 911 from site office
38 phones/373-0911 from cellular phones or verifies that the Hanford Emergency Response Number has
39 been called. Automatic initiation of a fire alarm (through the smoke detectors, and sprinkler systems) is
40 also possible.

- 41 • Unless otherwise instructed, personnel shall evacuate the area/building by the nearest safe exit
42 and proceed to the designated staging area for accountability.
- 43 • On actuation of the fire alarm, ONLY if time permits, personnel should shut down equipment,
44 secure waste, and lock up classified materials (or hand carry them out). The alarm automatically
45 signals the Hanford Fire Department.

- 1 • The BED proceeds directly to the ICP, obtains all necessary information pertaining to the
2 incident, and sends a representative to meet Hanford Fire Department.
- 3 • The BED provides a formal turnover to the IC when the IC arrives at the ICP.
- 4 • The BED informs the Hanford Site Emergency Response Organization as to the extent of the
5 emergency (including estimates of dangerous waste and mixed waste quantities released to the
6 environment).
- 7 • If operations are stopped in response to the fire, the BED ensures that systems are monitored for
8 leaks, pressure buildup, gas generation, and ruptures.
- 9 • Hanford Fire Department firefighters extinguish the fire as necessary.

10 NOTE: Following a fire and/or explosion, [WAC 173-303-640\(7\)](#) will be addressed for the ETF regarding
11 fitness for use.

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

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

- 19 • The discoverer notifies BED and initiates SWIMS response:
 - 20 Stops work
 - 21 Warns others in the vicinity
 - 22 Isolates the area
 - 23 Minimizes the exposure to the hazards
 - 24 Requests the BED Secure ventilation
- 25 • If Operations are stopped, the BED ensures that the plant is put in a safe shutdown configuration.
- 26 • The BED determines if emergency conditions exist requiring response from the Hanford Fire
27 Department based on classification of the spill and injured personnel, and evaluates need to
28 perform additional protective actions.
- 29 • If the Hanford Fire Department resources are not needed, the spill is mitigated with resources
30 identified in Section J.4 of this plan and proper notifications are made.
- 31 • If the Hanford Fire Department resources are needed, the BED calls 911 from site office
32 phones/373-0911 from cellular phones.
- 33 • The BED sends a representative to meet the Hanford Fire Department.
- 34 • The BED provides a formal turnover to the IC when the IC arrives at the ICP.
- 35 • The BED informs the Hanford Site Emergency Response Organization as to the extent of the
36 emergency (including estimates of dangerous waste and mixed waste quantities released to the
37 environment).
- 38 • If operations are stopped in response to the spill, the BED ensures that systems are monitored for
39 leaks, pressure buildup, gas generation, and ruptures.
- 40 • Hanford Fire Department stabilizes the spill.

41 NOTE: For response to leaks or spills and disposition of leaking or unfit-for-use tank systems, refer to
42 [WAC 173-303-640\(7\)](#).

43 **J.3.2.5.1 Damaged, or Unacceptable Shipments**

44 During the course of receiving an onsite transfer of dangerous and/or mixed waste at ETF/LERF an
45 unanticipated event could be discovered resulting in a conformance issue concerning the waste. Damaged

1 or unacceptable shipments resulting from onsite transfers are not subject to [WAC 173-303-370](#) however
2 conformance issues must be resolved in order to maintain proper records.

3 The following actions are taken to resolve the conformance issue:

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

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

9 **J.3.3 Prevention of Recurrence or Spread of Fires, Explosions, or Releases**

10 The BED, as part of the ICP, takes the steps necessary to ensure that a secondary release, fire, or
11 explosion does not occur. The BED will take measures, where applicable, to stop processes and
12 operations, collect and contain released waste, and remove or isolate containers. The BED also monitors
13 for leaks, pressure buildups, gas generation, or ruptures in valves, pipes, or other equipment, whenever
14 this is appropriate.

15 **J.3.4 Incident Recovery and Restart of Operations**

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

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

- 24 • There are no incompatibility issues with the waste and released materials from the incident.
- 25 • All the equipment has been cleaned, fit for its intended use, and placed back into service.

26 The notification required by [WAC 173-303-360\(2\)\(j\)](#) may be made via telephone conference. Additional
27 information that Ecology requests regarding these restart conditions will be included in the required
28 15-day report identified in Section J.5 of this plan.

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

35 **J.3.5 Incompatible Waste**

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

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

43 If incompatibility of wastes was a factor in the incident, the BED or the onsite recovery organization
44 ensures that the cause is corrected.

1 **J.3.6 Post Emergency Equipment Maintenance and Decontamination**

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

8 **J.4 Emergency Equipment**

9 Emergency resources and equipment for the ETF/LERF are presented in this section.

10 **J.4.1 Fixed Emergency Equipment**

TYPE	LOCATION	CAPABILITY
Safety shower/ eye wash stations (ETF only)	1 - 2025E Rm 122 Decon Station 1 - 2025E South Wall of Process Area 1- 2025E Rm 131 1 - 2025E Rm 134 1 - Outside south 2025E near acid/caustic tanks 1 - Outside at Load-in station 1 - 2025E Rm 112 Laboratory	Assist in flushing chemicals/materials from the body and/ or eyes and face of personnel.
Wet pipe sprinkler (ETF only)	Throughout the ETF except those areas protected by preactive sprinklers	Assist in the control of a fire.
Preactive sprinkler (ETF only)	Control room, communications room, electrical equipment room	Assist in the control of a fire. Maintained dry to prevent accidental damage to equipment
Fire alarm pull boxes (ETF only)	All high traffic areas in operations administration and support areas, truck bay, and process area	Activate the local fire alarm
E-lights	Throughout ETF	1 hour temporary lighting

11 **J.4.2 Portable Emergency Equipment**

TYPE	LOCATION	CAPABILITY
Fire extinguisher ABC type	Throughout ETF (Administrative/Support areas), LERF, and TEDF	Fire suppression for Class A, B, and C fires
Fire extinguisher BC type	Throughout ETF (process area and electrical room)	Fire suppression for Class B and C fires
Portable safety showers and Eye Wash Stations	As needed for special evolutions and maintenance	Assist in flushing chemicals/materials from the body and/or eyes and face of personnel.

1 **J.4.3 Communications Equipment/Warning Systems**

TYPE	LOCATION	CAPABILITY
Fire alarms (ETF only)	Corridors, locker rooms, process area, drum storage, and truck bay	Audible throughout ETF
Take cover/evacuation	Throughout the ETF	Audible outside buildings and inside administrative buildings
Public address system (ETF Only)	Throughout the ETF	Audible throughout ETF
Portable radios	Operations and maintenance personnel	Communication to control room
Telephone	ETF – control room, 2025E, 2025EA offices, MO-148, MO-269, MO-251, 2025EC71. LERF – MO-727 and 242AL71 instrument building, LERF Garage 242AL11 TEDF – 225E(pump house 1), 225W (pump house 2), 6653 (sample building), 6653A (pump house 3)	Internal and external communications. Allows notification of outside resources (POC, HFD, Hanford Patrol, etc.)

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

4 **J.4.4 Personal Protective Equipment**

TYPE	LOCATION	CAPABILITY
Acid suits	In the spill response cabinets in 2025E	Chemical protection for personnel during containment and isolation
Respirators	2025E, 1 st Floor	Filtered air for recovery of known hazards

5 **J.4.5 Spill Control and Containment Supplies**

SPILL KITS AND SPILL CONTROL EQUIPMENT		
TYPE	LOCATION	CAPABILITY
Spill bags, drums, carts, etc.	4 – 2025E in process area 1 – TEDF 6653 Disposal Building 1 – 2025E upper level process area 1 – 2025E Rm 125A 1 – 2025ED Load-In Station CONEX	Support containment and cleanup of hazardous material spills
Spill response cabinet	1 – 2025E Rm 122 2 – container storage CONEX East of 2025E building within the TSD unit boundary 1 – TEDF 6653 Disposal Building 1 – MO-727 Change Trailer 1 – outside southeast side of 2025E	Support equipment for spill response

6 **J.4.6 Incident Command Post**

7 The ICPs for the ETF/LERF are in ETF control room or 2025 EA. Emergency resource materials are
8 stored at each location. The IC could activate the Hanford Fire Department Mobile Command Unit if
9 necessary.

10 **J.5 Required Reports**

11 Post incident, written reports are required for certain incidents on the Hanford Site. The reports are
12 described in Permit Attachment 4, *Hanford Emergency Management Plan*, (DOE/RL-94-02), Section 5.1.

13 Facility management must note in the Hanford Facility Operating Record, LERF & 200 Area ETF File,
14 the time, date and details of any incident that requires implementation of the contingency plan (refer to
15 Section J.3). Within fifteen (15) days after the incident, a written report must be submitted to Ecology.
16 The report must include the elements specified in [WAC 173-303-360\(2\)\(k\)](#).

1 **J.6 Plan Location and Amendments**

2 Copies of this plan are maintained at the following locations:

- 3 • ETF control room
- 4 • Building 2025EA ICP

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

7 **J.7 Facility/Building Emergency Response Organization**

ETF/LERF Building Emergency Directors		
TITLE	WORK LOCATION	WORK PHONE
Shift Operation Manager (SOM)	2025E Building	373-9000 or 373-9500

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