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**ADDENDUM J**  
**CONTINGENCY PLAN**

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**ADDENDUM J**  
**CONTINGENCY PLAN**

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1 **J CONTINGENCY PLAN**

2 The requirements in this Contingency Plan are applicable to waste that is regulated by [WAC 173-303](#)  
3 (e.g. dangerous and/or mixed waste). Pursuant to [WAC 173-303-350](#)(2) and according to the provisions  
4 of this Addendum J, the Hanford Facility Permit WA7890008967 (Permit) Attachment 4, *Hanford*  
5 *Emergency Management Plan* (DOE/RL-94-02), and the Building Emergency Plan specific to the Waste  
6 Receiving and Processing (WRAP) Facility will be amended to incorporate requirements of [WAC 173-](#)  
7 [303-350](#) and [WAC 173-303-360](#) within 30 days of the effective date of the permit.

8 Table J.1 identifies the sections of the unit-specific building emergency plan written to meet [WAC 173-](#)  
9 [303-350](#)(3) contingency plan requirements identified in this addendum. In addition, Section 12.0 of the  
10 unit-specific WRAP building emergency plan is written to meet [WAC 173-303-350](#) and [WAC 173-303-](#)  
11 [360](#) requirements. Copies of Permit Attachment 4, *Hanford Emergency Management Plan* (DOE/RL-94-  
12 02) and the building emergency plan are located and maintained on the Hanford Facility and available as  
13 identified in Section J.6. Revisions to Addendum J require a permit modification subject to [WAC 173-](#)  
14 [303-830](#) and Permit Condition I.C.3.

15 The unit specific building emergency plan also serves to satisfy a broad range of other requirements [e.g.,  
16 Occupational Safety and Health Administration standards [29 CFR 1910], *Toxic Substance Control Act of*  
17 *1976* [40 CFR 761] and U.S. Department of Energy Orders. Therefore, revisions made to portions of this  
18 unit specific building plan that are not governed by the requirements of [WAC 173-303-350](#) and [-360](#) will  
19 not be considered as a modification subject to [WAC 173-303-830](#) or Permit Condition I.C.3.

20 Any changes to sections of Attachment 4 or the BEP that are governed by the requirements of [WAC 173-](#)  
21 [303-350](#) and [-360](#) (identified in Table J.1) will be provided to Ecology for review to ensure compliance  
22 with the requirements of Addendum J and to determine if a permit modification request is required.

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

Requirement	Permit Attachment 4 Hanford Emergency Management Plan (DOE/RL-94-02)	Building Emergency Plan <sup>1</sup> HNF-IP-0263-WRAP	Addendum J
<a href="#">-350</a> (3)(a) - A description of the actions which facility personnel must take to comply with this section and <a href="#">WAC 173-303-360</a>	X <sup>2</sup> Section 1.3.4	X <sup>2</sup> Sections 7.1, 7.2 through 7.2.5, and 7.3 <sup>3</sup> Sections 4.0, 8.2, 8.3, 8.4, and 11.0	X <sup>2</sup> Sections J.3.1, J.3.2, through J.3.2.5, and J.3.3 <sup>3</sup> Sections J.3, J.3.4, J.3.5, J.3.6, and J.5

An 'X' indicates requirement applies.

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

<sup>2</sup> 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 descriptions of actions are required at the site level. Other credible scenarios that exist at WRAP and all emergency procedures at WRAP that are different from those in Attachment 4, must be identified in the WRAP BEP. The description of actions contained in the building emergency plan will be used during an event by a building emergency director.

<sup>3</sup>This footnote is intended to be left blank.

Requirement	Permit Attachment 4 Hanford Emergency Management Plan (DOE/RL-94-02)	Building Emergency Plan <sup>1</sup> HNF-IP-0263-WR AP	Addendum J
- <a href="#">350(3)(b)</a> - 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 <a href="#">WAC 173-303-370(5)</a> , Manifest system, reasons for not accepting dangerous waste shipments	X <sup>2</sup> Section 1.3.4	X <sup>2,4</sup> Section 7.2.5.1	X <sup>2,4</sup> Section J.3.2.5.1
- <a href="#">350(3)(c)</a> - 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 <a href="#">WAC 173-303-340(4)</a>	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		
- <a href="#">350(3)(d)</a> - A current list of names, addresses, and phone numbers (office and home) of all persons qualified to act as the emergency coordinator required under <a href="#">WAC 173-303-360(1)</a> . 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		X <sup>5</sup> Sections 3.1 and 13.0	X <sup>5</sup> Sections J.2 and J.7
- <a href="#">350(3)(e)</a> - 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
- <a href="#">350(3)(f)</a> - 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 <sup>6</sup> Figure 7-3 and Table 5-1	X <sup>7</sup> Section 1.5	X <sup>7</sup> Section J.1 and facility operating record

<sup>4</sup> This footnote is intended to be left blank.

<sup>5</sup> Emergency Coordinator names and home telephone numbers are maintained with the Patrol Operations Center (telephone number 373-0911) in accordance with Permit Condition II.A.3, and will be updated, at a minimum, monthly.

## 1 **J.1 Building Evacuation Routing (Building Layout)**

2 Evacuation routing maps will be maintained in the facility operating record and provide identification of  
3 the primary and secondary staging areas and a general layout of WRAP. Alternate evacuation routes will  
4 be used on a case-by-case basis, based on meteorological conditions at the time of the event.

## 5 **J.2 Building Emergency Director**

6 The incident command system (ICS) and staff with supporting on-call personnel, will meet the  
7 requirements of the Emergency Coordinator as identified in [WAC 173-303-360\(1\)](#). Emergency response  
8 will be directed by the Building Emergency Director (BED) until the Incident Commander (IC) arrives.  
9 The BED becomes a member of the ICP and functions under the direction of the IC. In this role, the BED  
10 will continue to manage and direct WRAP operations. During events, WRAP personnel will perform  
11 response duties under the direction of the BED. The Incident Command Post (ICP) is managed by the  
12 senior Hanford Fire Department official, unless the event is determined to primarily be a security event, in  
13 which case the Hanford Fire Department and Hanford Patrol will operate under a unified command  
14 system with Hanford Patrol making all the decisions pertaining to security. These individuals are  
15 designated as the IC and as such, have the authority to request and obtain any resources necessary for  
16 protecting people and the environment.

17 A listing of Building Emergency Directors (BEDs) by title, work location, and work telephone number is  
18 contained in Section J.7. The BED is on the premises or is available through an 'on-call' list  
19 24 hours-a-day. Names and home telephone numbers of the BEDs are available from the Patrol  
20 Operations Center (POC) in accordance with Permit Condition II.A.3.

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

22 In accordance with [WAC 173-303-360\(2\)\(b\)](#), whenever there is a release, fire, or explosion, the BED  
23 will ensure that trained personnel identify the character, exact source, amount, and aerial extent of any  
24 released materials. Identification of waste can be made by activities that can include, but are not limited  
25 to visual inspection of containers, sampling activities in the field, reference to inventory records, or by  
26 consulting with facility personnel. During the emergency, if samples of materials are required, sampling  
27 will be performed by qualified personnel and the samples will be analyzed as appropriate. These  
28 activities must be performed with a sense of immediacy and will include available information.

29 The BED will use the emergency procedures of [WAC 173-303-360\(2\)\(d\)](#) to implement an emergency  
30 event: “If the emergency coordinator determines that the facility has had a release, fire, or explosion  
31 which could threaten human health or the environment, he must report his findings as follows:

32 (i) If his assessment indicates that evacuation of local areas may be advisable, he must immediately notify  
33 appropriate local authorities. He must be available to help appropriate officials decide whether local areas  
34 should be evacuated; and

35 (ii) He must immediately notify the department and either the government official designated as the on-  
36 scene coordinator, or the National response Center (using their 24-hour toll free number (800) 424-  
37 8802).”

38 As soon as possible, after stabilizing event conditions, the BED will determine, in consultation with the  
39 contractor environmental single-point-of-contact, if notification to Washington State Department of  
40 Ecology (Ecology) is needed to meet [WAC-173-303-360\(2\)\(d\)](#) reporting requirements. Additional  
41 information is found in Permit Attachment 4, *Hanford Emergency Management Plan* (DOE/RL-94-02),  
42 Section 4.2.

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<sup>6</sup>The Hanford Facility signals are provided in Attachment 4, Table 5.1. WRAP specific communication equipment and warning systems are provided in Section J.4.3.

<sup>7</sup>Evacuation routes for occupied buildings surrounding the DWMU are posted on information boards within buildings.

1 If review of all available information does not yield a definitive assessment of the danger posed by the  
2 incident, a worst-case condition will be presumed and appropriate protective actions and notifications will  
3 be initiated. The BED is responsible for initiating any protective actions based on their best judgment of  
4 the incident.

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

### 11 **J.3.1 Protective Actions Responses**

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

#### 15 **J.3.1.1 Evacuation**

16 If an evacuation is ordered or the evacuation siren sounds in the area of WRAP, personnel will proceed to  
17 the appropriate staging area (refer to Section J.1).

18 The BED or staging area manager will direct the evacuation; however, to ensure that evacuations are  
19 conducted promptly and safety, all personnel will be familiar with the correct evacuation procedure.  
20 During a facility specific evacuation, all personnel will report to the upwind staging area for  
21 accountability unless otherwise directed.

22 If it becomes necessary to evacuate the primary staging areas, the staging area manager or the BED will  
23 instruct personnel to proceed to the Secondary staging area (Figure J.1) or an alternate destination,  
24 depending on the nature of the emergency.

25 If an area evacuation is called for, all personnel will be familiar with the evacuation procedure that  
26 follows. Area evacuations are either rapid or controlled, as pointed out in the following steps.  
27 When possible, the following steps will be conducted concurrently.

Area Evacuation Procedure
<ul style="list-style-type: none"> <li>• Halt any operations or work and place the equipment and structures in a safe condition. Use emergency shutdown procedures for rapid evacuation.</li> </ul>
<ul style="list-style-type: none"> <li>• Use whatever means are available (PA system, bullhorns, runners, etc.) to pass the evacuation information to personnel.</li> </ul>
<ul style="list-style-type: none"> <li>• Evacuate personnel to the staging area; segregate personnel in PPE. Assist personnel that are temporary/permanently disabled.</li> </ul>
<ul style="list-style-type: none"> <li>• Conduct personnel accountability. If unable to account for personnel, report personnel accountability results to Protective Action Coordinator in the Hanford-Emergency Operations Center (Hanford-EOC) at any of the following numbers (373-1786, 373-3876, 376-8612, or 376-4712).</li> </ul>
<ul style="list-style-type: none"> <li>• Inform IC of any potentially affected personnel (i.e., injured, contaminated, exposed, etc.) once the IC arrives at the ICP.</li> </ul>
<ul style="list-style-type: none"> <li>• Relay pertinent evacuation information (routes, destination, etc.) to drivers.</li> <li>• Dispatch vehicles as soon as the vehicles are loaded.</li> </ul>
<ul style="list-style-type: none"> <li>• Report status to the Hanford-EOC, request additional transportation if required, and report if any personnel remain who are performing late shutdown duties.</li> </ul>

### 1 **J.3.1.2 Take Cover**

2 When the Take Cover Alarm (wavering siren) is activated, personnel will take cover in the nearest  
3 appropriate building or trailer. A message followed by the Take Cover siren will be transmitted over the  
4 area emergency sirens. The following actions will be taken or considered:

- 5 • Shut doors and windows and wait for further instructions
- 6 • Shut down/ Secure ventilation system
- 7 • Follow normal exit procedures from radiological areas
- 8 • Report your location to the Accountability Aid or the BED
- 9 • Accountability Aides will provide accountability status to the Staging Area Manager, then to the  
10 IC for facility personnel during an event.
- 11 • Segregate potentially exposed personnel.
- 12 • Inform IC of any potentially affected personnel (i.e., injured, contaminated, exposed, etc.) once  
13 the IC arrives at the ICP.

### 14 **J.3.2 Response to Facility Operations Emergencies**

15 Whenever there is an imminent or actual emergency situation, the BED will review the site-wide and  
16 WRAP emergency response procedure(s), and as required, categorize and/or classify the event. If  
17 necessary, the BED will initiate area protective actions and Hanford Site Emergency Response  
18 Organization activation. The steps identified in the following description of actions do not have to be  
19 performed in sequence because of the unanticipated sequence of incident events.

#### 20 **J.3.2.1 Loss of Utilities**

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

25 The loss of electricity, compressed air, or process ventilation could result in a condition requiring  
26 remedial action due to the possibility of a contamination spread from the process gloveboxes. Loss of all  
27 or part of these utilities could make it necessary to evacuate the affected areas. The electrical power  
28 system will include battery operated emergency lighting throughout 2336-W, which will provide egress  
29 lighting for at least 90 minutes, diminishing in brightness over this time period. The electrical power  
30 system will include an uninterruptible power supply (UPS) which will provide battery power for 55  
31 minutes or longer depending on the load to the electrical, compressed air and process ventilation  
32 monitoring systems, which annunciate in the Dispatch Area.

33 The Dispatch Area Operator will notify the Duty Operations Supervisor who, along with the BED, will  
34 decide if evacuation is necessary. Evacuation will be directed using the public address (PA) system and  
35 the evacuation alarm, both of which are powered by the uninterruptible power supply (UPS).

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

37 The results of a major process disruption in WRAP are inclusive of the specific hazards discussed in the  
38 other sections (i.e. spills, fire/explosion, etc.).

#### 39 **J.3.2.3 Pressure Release**

40 A pressure release can occur due to damage or failure of a pressurized system. A release could cause  
41 damage to WRAP equipment or injury or death to personnel. In the event of a release of a pressurized  
42 system, exit the area immediately and notify management. No personnel will perform manipulation of  
43 equipment to mitigate an event unless qualified to do so.

#### 44 **J.3.2.4 Fire and/or Explosion**

45 In the event of a fire, the discoverer will activate a fire alarm (pull box); calls 911 from site office  
46 phones/373-0911 from cellular phones or verify that the Hanford Emergency Response Number has been

1 called. Automatic initiation of a fire alarm (through the smoke detectors and sprinkler systems) is also  
2 possible.

- 3 • Unless otherwise instructed, personnel will evacuate the area/building by the nearest safe exit and  
4 proceed to the designated staging area for accountability.
- 5 • On actuation of the fire alarm, ONLY if time permits, personnel will shut down equipment,  
6 secure waste, and lock up classified materials (or hand carry them out). The alarm automatically  
7 signals the Hanford Fire Department.
- 8 • The BED will proceed directly to the ICP, obtain all necessary information pertaining to the  
9 incident, and send a representative to meet Hanford Fire Department.
- 10 • The BED will provide a formal turnover to the IC, when the IC arrives at the ICP.
- 11 • The BED will inform the Hanford Site Emergency Response Organization as to the extent of the  
12 emergency (including estimates of dangerous waste and mixed waste quantities released to the  
13 environment).
- 14 • If operations are stopped in response to the fire, the BED will ensure that systems are monitored  
15 for leaks, pressure buildup, gas generation, and ruptures.
- 16 • Hanford Fire Department firefighters will extinguish the fire as necessary.

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

18 Spills can result from many sources including process leaks, container spills or leaks, damaged packages  
19 or shipments, or personnel error. Spills of mixed waste are complicated by the need to deal with the extra  
20 hazards posed by the presence of *Atomic Energy Act of 1954* materials.

- 21 • The discoverer notifies the BED and initiates SWIMS response:
  - 22 – **S**tops work
  - 23 – **W**arns others in the vicinity
  - 24 – **I**solates the area
  - 25 – **M**inimizes exposure to the hazards
  - 26 – Requests the BED **S**ecure ventilation.
- 27 • The BED will determine if emergency conditions exist requiring response from the Hanford Fire  
28 Department based on classification of the spill and injured personnel, and will evaluate the need  
29 to perform additional protective actions.
- 30 • If the Hanford Fire Department resources are not needed, the spill will be mitigated with  
31 resources identified in Section J.4 and proper notifications will be made.
- 32 • If the Hanford Fire Department resources are needed, the BED will call 911 from site office  
33 phones/ 373-0911 from cellular phones.
- 34 • The BED will send a representative to meet the Hanford Fire Department.
- 35 • The BED will provide a formal turnover to the IC when the IC arrives at the ICP.
- 36 • The BED will inform the Hanford Site Emergency Response Organization as to the extent of the  
37 emergency (including estimates of dangerous waste and mixed waste quantities released to the  
38 environment).
- 39 • If operations are stopped in response to the spill, the BED will ensure that systems are monitored  
40 for leaks, pressure buildup, gas generation, and ruptures.
- 41 • Hanford Fire Department will stabilize the spill.

#### 42 **J.3.2.5.1 Damaged or Unacceptable Shipments**

43 During the course of receiving dangerous or mixed waste at WRAP, an unanticipated event could be  
44 discovered resulting in a conformance issue concerning the waste. In some cases, the conformance issue  
45 will result from receiving an off-site shipment, manifested pursuant to Permit Condition II.N.2 or  
46 [WAC 173-303-370](#) that is damaged or otherwise presents a hazard and cannot be transported. Damaged

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

3 Regardless of whether the waste is received as an off-site shipment or onsite transfer, the following  
4 actions will be taken:

- 5 • Operations management will be notified of the damaged or unacceptable waste to be received.
- 6 • If the conformance issue results in a spill or release, actions described in Section J.3.2.5 will be  
7 taken.
- 8 • The generating organization will be notified of the conformance issue.
- 9 • An operations representative, in conjunction with the generating organization, will determine the  
10 course of action to resolve the conformance issue.

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

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

### 17 **J.3.4 Incident Recovery and Restart of Operations**

18 A written recovery plan is needed following an event when the recovery actions could result in further  
19 risk to personnel, WRAP, human health or the environment. This written recovery plan will be developed  
20 in accordance with Permit Attachment 4, *Hanford Emergency Management Plan* (DOE/RL-94-02),  
21 Section 9.2. Permit Attachment 4, *Hanford Emergency Management Plan* (DOE/RL-94-02), Section 5.1,  
22 discusses different reports to outside agencies.

23 If the contingency plan was implemented, Ecology will be notified before operations can resume [[WAC-](#)  
24 [173-303-360\(2\)\(j\)](#)]. This notification must include the following statements:

- 25 • No waste that may be incompatible with the released material is treated, stored or disposed of  
26 until cleanup procedures are completed [[WAC 173-303-360\(2\)\(i\)](#)]; and
- 27 • All emergency equipment listed in the contingency plan is cleaned and fit for its intended use  
28 before operations are resumed [[WAC 173-303-360\(2\)\(i\)\(ii\)](#)].

29 The notification required by [WAC 173-303-360\(2\)\(j\)](#) may be made via telephone and documentation of  
30 the notification will be included in the WRAP operating record.. Additional information that Ecology  
31 requests will be included in the required 15-day report identified in Section J.5 and required by [WAC](#)  
32 [173-303-360\(2\)\(k\)](#).

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

### 40 **J.3.5 Incompatible Waste**

41 After an emergency, the BED or the onsite recovery organization will ensure that no waste that might be  
42 incompatible with the released material is treated, stored, and/or disposed of until cleanup procedures are  
43 completed pursuant to [WAC 173-303-360\(2\)\(i\)](#). Cleanup actions will be taken by WRAP personnel or  
44 other assigned personnel. Permit Attachment 4, *Hanford Emergency Management Plan* (DOE/RL-94-  
45 02), Section 9.2.3, describes actions to be taken.

1 Waste from cleanup activities will be designated and managed as newly generated waste. A field check  
2 for compatibility will be performed before storage, as necessary. Incompatible wastes will not be placed  
3 in the same container and will follow the requirements of [WAC 173-303-630\(9\)](#). Containers of waste  
4 will be placed in storage areas appropriate for their compatibility class.

5 If incompatibility of waste was a factor in the incident, the BED or the onsite recovery organization will  
6 ensure that the cause is identified and corrected.

### 7 **J.3.6 Post Emergency Equipment Maintenance and Decontamination**

8 The BED will ensure that all emergency equipment listed in J.4 is cleaned and fit for its intended use  
9 before operations are resumed in accordance with [WAC 173-303-360\(2\)\(i\)\(ii\)](#). Depleted stocks of  
10 neutralizing and absorbing materials will be replenished; protective clothing will be cleaned or disposed  
11 of and restocked, etc. All equipment used during an incident will be decontaminated (if practical) or  
12 disposed of as spill debris. Decontaminated equipment will be checked for proper operation before  
13 storage for subsequent use. Consumable and disposed materials will be restocked. Fire extinguishers will  
14 be replaced.

### 15 **EMERGENCY EQUIPMENT**

16 Emergency resources and equipment for WRAP are presented in this section.

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1 **J.3.7 Fixed Emergency Equipment**

**Fixed Emergency Equipment**

Type	Location	Capability
Local Fire/Smoke Detectors	2336-W, 2404-WC, MO-610	Activates building fire alarm system
Heat Detectors	2336-W, MO-610	Activates building fire alarm system
Fire Alarm Pull Boxes	2336-W, 2404-WB, 2404-WC, MO-610	Activates building fire alarm system
Wet/Dry Pipe Fixed Sprinkler Systems	2336-W, 2404-WB, 2404-WC,	Assists in fire suppression and activates building fire alarm system
Dry Chemical Fire Suppression Systems	2336-W Process Gloveboxes	Assists in fire suppression in the Process Gloveboxes and activates building fire alarm system
Emergency Lighting	2336-W, 2404-WB, 2404-WC, MO-610, 2406-W	Low-level lighting during power outages
Decontamination Shower	2336-W Room 111	Flushing radiological/ chemical material from eyes, clothes, and body

2 **J.3.8 Portable Emergency Equipment**

**Portable Emergency Equipment**

Type	Location	Capability
Fire Extinguishers	Located throughout the facility	Assist in fire control
First Aid Kits	Located throughout the facility	Provide materials for immediate first aid response

3 **J.3.9 Communications Equipment/Warning Systems**

**Communications Equipment**

Type	Location	Capability
Public Address (PA) System	Throughout the WRAP Complex	Internal communications
Radios	Portable	Communications within WRAP
Evacuation Siren (Steady Buzzer)	Activated in the 2336-W Dispatch Area; heard throughout the 2336-W Facility	Manually activated alarm that alerts WRAP personnel of an evacuation condition
Take Cover Siren (Intermittent Buzzer)	Activated in the 2336-W Dispatch Area. Heard throughout the 2336-W Facility	Manually activated alarm that alerts WRAP personnel of a take cover condition
Visual and Audible Fire Alarm	Throughout the 2336-W Facility, MO-610, 2404-WB, 2404-WC,	Activation by either smoke/heat detectors or manual pull stations alerts personnel to perform an evacuation.
Plant Control System Alarms (PCS)	2336-W Dispatch Area, Local Alarm Panels, and the real-time application platform (RTAP).	Provide alarm conditions for monitored system parameters associated with the 2336-W facility operations.

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

1 **J.3.10 Personal Protective Equipment**

**Personal Protective Equipment**

Type	Location	Capability
Personal Protective Clothing (PPE)	2336-W, MO-446, and Emergency Response Vehicle	Protect from specific exposure hazards
Respirators	2336-W Mask Station	Protection from respiratory hazards

2 **J.3.11 Spill Control and Containment Supplies**

**Spill Kits and Spill Control Equipment**

Type	Location	Capability
Emergency Response Supplies	2336-W , Emergency Response Vehicle	Use for emergency response

3 **J.3.12 Incident Command Post**

4 The ICPs will be identified in a fixed location or the IC will determine a location appropriate for the  
5 event. Emergency resource materials will be stored at each location. The IC will activate the Hanford  
6 Fire Department Mobile Command Unit if necessary.

7 **J.4 Required Reports**

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

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

14 **J.5 Plan Location and Amendments**

15 Copies of Attachment 4 [*Hanford Emergency Management Plan* (DOE/RL-94-02)] will be maintained  
16 per permit condition I.M.1. Copies of the Building Emergency Plan and WRAP Permit Addendum J will  
17 be maintained at the following locations:

- 18 • 2336-W
- 19 • 2740-W

20 These documents will be available in either hard copy or electronic form.

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

23 **J.6 Building Emergency Response Organization Building Emergency Director**

**WRAP BEDs**

Title	Location	Phone
Duty Operations Supervisor	2336-W	373-2258

24 Names and home telephone numbers of the BEDs are available from the Patrol Operation Center (373-  
25 0911), in accordance with Permit Condition II.A.3.

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