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ADDENDUM K
CONTINGENCY PLAN

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ADDENDUM K
CONTINGENCY PLAN

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K CONTINGENCY PLAN

The requirements in this Contingency Plan are applicable to waste that is regulated by [WAC 173-303](#) (e.g. dangerous and/or mixed waste). Pursuant to [WAC 173-303-350](#)(2), and according to the provisions of this Addendum K, the Hanford Facility Permit WA7890008967 (Permit) Attachment 4, *Hanford Emergency Management Plan* (DOE/RL-94-02), and the Building Emergency Plan specific to Double-Shell Tank System/204-AR Vault (DST/204-AR) will be amended to incorporate requirements of [WAC 173-303-350](#) and [WAC 173-303-360](#) within 30 days of the effective date of the permit.

Table K.1 identifies the sections of the unit-specific building emergency plan written to meet [WAC 173-303-350](#)(3) contingency plan requirements identified in this addendum. In addition, Section 12.0 of the unit-specific DST/204-AR building emergency plan is written to meet [WAC 173-303-350](#) and [WAC 173-303-360](#) requirements. 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 and available as identified in Section K.6. Revisions to Addendum K require a Permit modification subject to [WAC 173-303-830](#) and Permit Condition I.C.3.

The unit specific building emergency plan also serves to satisfy a broad range of requirements (e.g., Occupational Safety and Health Administration standards [[29 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 [WAC 173-303-350](#) and [WAC 173-303-360](#) will not be considered as a modification subject to [WAC 173-303-830](#) or Permit Condition I.C.3.

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

TABLE K.1 HANFORD FACILITY DOCUMENTS CONTAINING CONTINGENCY PLAN REQUIREMENTS OF WAC 173-303-350(3)			
Requirement	Permit Attachment 4 Hanford Emergency Management Plan (DOE/RL-94-02)	Part III, Operating Unit 12, Addendum K	Building Emergency Plan ¹ (RPP-27869)
-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 K.3.1, K.3.2 K.3.3 ³	X ² Sections 7.1, 7.2 through 7.2.5, and 7.3 ¹

An 'X' indicates requirement applies.

¹ 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.

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 descriptions of actions are required at the site level. Other credible scenarios that exist at DST/204-AR and all emergency procedures at the DST/204-AR that are different from those in Attachment 4, must be identified in the DST/204-AR BEP.

The description of actions contained in the building emergency plan will be used during an event by a building emergency director.

TABLE K.1 HANFORD FACILITY DOCUMENTS CONTAINING CONTINGENCY PLAN REQUIREMENTS OF WAC 173-303-350(3)			
Requirement	Permit Attachment 4 Hanford Emergency Management Plan (DOE/RL-94-02)	Part III, Operating Unit 12, Addendum K	Building Emergency Plan ¹ (RPP-27869)
		Sections K.3, K.3.4, K.3.5, K.3.6, and K.5	Sections 4.0, 8.2, 8.3, 8.4, and 12.0
- 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 K.3.2.5.1	X ^{2,2} Section 7.2.5.1
- 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		
- 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.		X ⁵ Sections K.2 and K.7	X ³ Sections 3.1 and 13.0

¹ This footnote is intended to be blank.

² This footnote is intended to be blank.

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

TABLE K.1 HANFORD FACILITY DOCUMENTS CONTAINING CONTINGENCY PLAN REQUIREMENTS OF WAC 173-303-350(3)			
Requirement	Permit Attachment 4 Hanford Emergency Management Plan (DOE/RL-94-02)	Part III, Operating Unit 12, Addendum K	Building Emergency Plan ¹ (RPP-27869)
-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.		X Section K.4	X Section 9.0
-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.	X ¹ Figure 7-3 and Table 5-1	X ⁷ Section K.1 and facility operating record	X ² Section 1.5

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2 **K.1 Building Evacuation Routing (Building Layout)**

3 Evacuation routing maps will be maintained in the facility operating record and will provide identification
4 of the primary and secondary staging areas and a general layout of the DST/204-AR. Alternate
5 evacuation routes will be used on a case-by-case basis, based on meteorological conditions and hazards
6 present at the time of the event.

7 **K.2 Building Emergency Director**

8 The Incident Command System (ICS) and staff, with supporting on-call personnel, will meet the
9 requirements of the Emergency Coordinator as identified in [WAC 173-303-360\(1\)](#). The Building
10 Emergency Director (BED) will direct emergency response until the Incident Commander (IC) arrives.
11 The BED becomes a member of the Incident Command Post (ICP), and functions under the direction of
12 the IC. In this role, the BED will continue to manage and direct DST/204-AR operations. During events,
13 DST/204-AR personnel will perform response duties under the direction of the BED. The senior Hanford
14 Fire Department official manages the ICP unless the event is determined to be primarily a security event,
15 in which case the Hanford Fire Department and Hanford Patrol will operate under a unified command
16 system with Hanford Patrol making all the decisions pertaining to security. These individuals are
17 designated as the IC and as such, have the authority to request and obtain any resources necessary for
18 protecting people and the environment. A listing of BEDs by title, work location, and work telephone
19 number is contained in Section K.7 of this plan. The BED is on the premises or is available through an

¹ The Hanford Facility (site wide) signals are provided in Attachment 4, Table 5.1. DST/204-AR specific communication equipment and warning systems are provided in section K.4.3.

² An evacuation route for the DWMU is posted on information boards posted within buildings.

1 "on-call" list 24-hours-a-day. Names and home telephone numbers of the BEDs are available from the
2 Patrol Operations Center (POC) in accordance with Permit Condition II.A.3.

3 **K.3 Implementation of the Contingency Plan**

4 In accordance with [WAC 173-303-360\(2\)\(b\)](#), whenever there is a release, fire, or explosion, the BED will
5 ensure that trained personnel identify the character, exact source, amount, and areal extent of any released
6 materials. Identification of waste can be made by activities that can include, but are not limited to, visual
7 inspection of containers, sampling activities in the field, reference to inventory records, or by consulting
8 with facility personnel. During the emergency, if samples of materials are required, sampling will be
9 performed by qualified personnel and the samples will be analyzed as appropriate. These activities must
10 be performed with a sense of immediacy and will include available information. The BED will use the
11 following emergency procedures of [WAC 173-303-360\(2\)\(d\)](#) to implement an emergency event:

12 “If the emergency coordinator determines that the facility has had a release, fire, or explosion which could
13 threaten human health or the environment, he must report his findings as follows:

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

17 (ii) He must immediately notify the department and either the government official designated as the
18 on-scene coordinator, or the National Response Center (using their 24-hour toll free number (800)
19 424-8802).”

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

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

29 The BED must assess each incident to determine the response necessary to protect personnel health and
30 safety, the environment, and the facility (in that order of priority). If assistance from Hanford Patrol,
31 Hanford Fire Department, or ambulance units is required, the Hanford Emergency Response Number
32 (911 from site office phones or 373-0911 from cellular phones) will be used to contact the Patrol
33 Operations Center and request the desired assistance. To request other resources or assistance from
34 outside the DST/204-AR, the Patrol Operations Center business number is used (373-0911).

35 **K.3.1 Protective Action Responses**

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

39 **K.3.1.1 Evacuation**

40 If an evacuation is ordered or the evacuation siren sounds, personnel will leave the building or tank farm
41 by the nearest safe exit and proceed to the staging area (refer to Section K.1, of this addendum) for
42 accountability unless told otherwise.

43 The order to evacuate will be via the Hanford Site Emergency Alerting Systems. When possible, the
44 following steps will be conducted concurrently.

AREA EVACUATION PROCESS	
	<ul style="list-style-type: none"> • Halt any operations or work and place the DST/204-AR structures in a safe condition, if personnel health and safety is not threatened and time permitting. Use emergency shutdown procedures if necessary.
	<ul style="list-style-type: none"> • Use whatever means are available (PA system, bullhorns, runners, etc.) to pass the evacuation information to personnel.
	<ul style="list-style-type: none"> • Sound the evacuation siren (if available), or issue the order to evacuate by any available means.
	<ul style="list-style-type: none"> • Evacuate personnel to the staging area. Assist those needing help (temporary/permanent/ disabled).
	<ul style="list-style-type: none"> • Conduct personnel accountability. If unable to account for personnel, report personnel accountability results to the Protective Action Coordinator in the Hanford-Emergency Operations Center (Hanford-EOC).
	<ul style="list-style-type: none"> • Inform IC of any potentially affected personnel (e.g., injured, contaminated, exposed, etc.) once the IC arrives at the ICP.
	<ul style="list-style-type: none"> • Segregate personnel into the following general groups: PPE clothing-clad personnel, persons with keys to immediately available private vehicles, persons with keys to government vehicles, and all others.
	<ul style="list-style-type: none"> • Load personnel in civilian clothes into private and government vehicles, load PPE-clad persons into a separate government vehicle, if possible, and try to provide reserve transportation for people with late shutdown duties.
	<ul style="list-style-type: none"> • Relay pertinent evacuation information (routes, destination, etc.) to personnel with vehicle keys.
	<ul style="list-style-type: none"> • Dispatch vehicles as soon as the vehicles are loaded.
	<ul style="list-style-type: none"> • Load remaining personnel into vehicles, maintaining segregation if possible.
	<ul style="list-style-type: none"> • Report status to the Hanford-EOC, request additional transportation if required, and report if any personnel remain who are performing late shutdown duties.

1 **K.3.1.2 Take Cover**

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

- 5 • Shut doors and windows and wait for further instructions.
- 6 • Secure unfiltered ventilation.
- 7 • Lock up classified documents, follow normal exit procedures from radiological areas (in
8 preparation for a possible evacuation) etc.
- 9 • Report your location to the Accountability Aide or the BED.
- 10 • Accountability Aides provide accountability status to the Staging Area Manager for facility
11 personnel during an event.
- 12 • Inform IC of potentially affected personnel (i.e., injured, contaminated, exposed, etc.) once the IC
13 arrives at the ICP.

1 **K.3.2 Response to Facility Operations Emergencies**

2 Depending on the severity of the event, the BED will review the site-wide and DST/204-AR emergency
3 response procedure(s) and, as required, categorize and/or classify the event. If necessary, the BED will
4 initiate area protective actions and Hanford Site Emergency Response Organization¹ activation. The
5 steps identified in the following description of actions do not have to be performed in sequence because
6 of the unanticipated sequence of incident events.

7 **K.3.2.1 Loss of Utilities**

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

12 **K.3.2.2 Major Process Disruption/Loss of Plant Control**

13 The results of a major process disruption in the DST/204-AR are inclusive of the specific hazards
14 discussed in the other Sections K.3.2.3 through K.3.2.7 of this addendum.

15 **K.3.2.3 Pressure Release**

16 Response to a pressure release includes the following:

- 17 • Notify personnel to leave the area of the hazard. In the event of any injuries, personnel will
18 immediately call 911 from site office phones or 373-0911 from cellular phones for medical
19 response.
- 20 • Inform the BED.
- 21 • If appropriate and safe to do so, shut off the affected system's source (e.g., steam decontamination
22 unit by use of valves).
- 23 • Evacuate affected areas if directed by the BED.
- 24 • Determine impacts/risks associated with reentry (e.g., hazardous or radioactive releases, moisture
25 or heat conditions).
- 26 • Inform appropriate maintenance personnel for repair.

27 **K.3.2.4 Fire and/or Explosion**

28 In the event of a fire, the discoverer will activate a fire alarm (if available); call 911 from Site office
29 phones or 373-0911 from cellular phones, or verify that the Hanford Emergency Response Number has
30 been called. Automatic initiation of a fire alarm (through the smoke detectors and sprinkler systems) is
31 also possible.

- 32 • Unless otherwise instructed, personnel will evacuate the area/building by the nearest safe exit and
33 proceed to the designated staging area for accountability.
- 34 • On actuation of the fire alarm, ONLY if personnel health and safety is not endangered and if time
35 permits, personnel will shut down equipment, secure waste, and lock up classified materials (or
36 hand carry them out). The alarm automatically signals the Hanford Fire Department.
- 37 • The BED will proceed directly to the ICP, obtain all necessary information pertaining to the
38 incident, and send a representative to meet the Hanford Fire Department.
- 39 • The BED will provide a formal turnover to the IC, when the IC arrives at the ICP.
- 40 • The BED will inform the Hanford Site Emergency Response Organization as to the extent of the
41 emergency (including estimates of dangerous waste and mixed waste quantities released to the
42 environment).

¹ The description of this organization is found in Permit Attachment 4, *Hanford Emergency Management Plan* (DOE/RL-94-02).

- 1 • If operations are stopped in response to the fire, the BED will ensure that systems are monitored
2 for leaks, pressure buildup, gas generation, and ruptures if personnel health and safety are not
3 endangered.
- 4 • Hanford Fire Department firefighters will extinguish the fire as necessary.

5 **NOTE:** *Following a fire and/or explosion, [WAC-173-303-640\(7\)](#) will be followed for the DST/204-AR*
6 *regarding fitness for use.*

7 **K.3.2.5 Hazardous Material, Dangerous and/or Mixed Waste Spill**

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

- 11 • The discoverer notifies the BED and initiates SWIM response:
 - 12 – **S**tops work
 - 13 – **W**arns others in the vicinity
 - 14 – **I**solates the area
 - 15 – **M**inimizes exposure to the hazards.
- 16 • The BED will determine which additional facility actions are required (i.e., securing ventilation)
- 17 • The BED will determine if emergency conditions exist requiring response from the Hanford Fire
18 Department based on classification of the spill and injured personnel, and will evaluate the need
19 to perform additional protective actions.
- 20 • If the Hanford Fire Department resources are not needed, the spill will be mitigated with
21 resources identified in Section K.4 of this addendum and proper notifications will be made.
- 22 • If the Hanford Fire Department resources are needed, the BED will call 911 from site office
23 phones or 373-0911 from cellular phones.
- 24 • The BED will send a representative to meet the Hanford Fire Department.
- 25 • The BED will provide a formal turnover to the IC when the IC arrives at the ICP.
- 26 • The BED will inform the Hanford Site Emergency Response Organization as to the extent of the
27 emergency (including estimates of dangerous waste and mixed waste quantities released to the
28 environment).
- 29 • If operations are stopped in response to the spill, the BED will ensure that systems are monitored
30 for leaks, pressure buildup, gas generation, and ruptures if personnel health and safety are not
31 endangered.
- 32 • Hanford Fire Department will stabilize the spill.

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

35 **K.3.2.5.1 Damaged or Unacceptable Shipments**

36 Operating Unit 12 is designed to receive waste through existing underground piping or tank shipments of
37 on-site waste. Therefore, waste received into the DST system is not subject to manifesting requirements
38 of [WAC 173-303-370](#). However, during the course of receiving dangerous mixed waste at the DST/204-
39 AR, an unanticipated event could be discovered resulting in a discrepancy concerning the waste.
40 Damaged or unacceptable shipments resulting from onsite transfers will be resolved by taking the
41 following actions:

- 42 • Operations management will be notified of the damaged or unacceptable waste to be received.

- 1 • If the discrepancy results in a spill or release, actions described in Section K.3.2.5 of this
2 Addendum will be taken.
- 3 • The generating organization will be notified of the discrepancy.
- 4 • An operations representative, in conjunction with the generating organization, will determine the
5 course of action to resolve the discrepancy.

6 **K.3.3 Prevention of Recurrence or Spread of Fires, Explosions, or Releases**

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

12 **K.3.4 Incident Recovery and Restart of Operations**

13 A written recovery plan is needed following an event when the recovery actions could result in further
14 risk to human health or the environment. This written recovery plan will be developed when necessary in
15 accordance with Permit Attachment 4, *Hanford Emergency Management Plan* (DOE/RL-94-02), Section
16 9.2. Permit Attachment 4, *Hanford Emergency Management Plan* (DOE/RL-94-02), Section 5.1, also
17 discusses different reports to outside agencies. If the contingency plan was implemented, Ecology will be
18 notified before operations can resume [[WAC 173-303-360\(2\)\(j\)](#)]. This notification must include the
19 following statements.

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

24 The notification required by [WAC 173-303-360\(2\)\(j\)](#) may be made via telephone and documentation of
25 the notification will be included in the DST/204-AR operating record. Additional information that
26 Ecology requests will be included in the required 15-day report identified in Section K.5 and required by
27 [WAC 173-303-360\(2\)\(k\)](#).

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

34 **K.3.5 Incompatible Waste**

35 After an event, the BED or the onsite recovery organization will ensure that no waste that might be
36 incompatible with the released material is treated, stored, or disposed of until cleanup procedures are
37 completed pursuant to [WAC 173-303-360\(2\)\(i\)](#). Clean up actions will be taken by DST/204-AR
38 personnel or other assigned personnel. Permit Attachment 4, *Hanford Emergency Management Plan*
39 (DOE/RL-94-02), Section 9.2.3, describes actions to be taken.

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

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

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

2 The BED will ensure that all emergency equipment listed in section the J.4 is cleaned and fit for its
3 intended use before operations are resumed in accordance with [WAC 173-303-360\(2\)\(i\)\(ii\)](#). Depleted
4 stocks of neutralizing and absorbing materials will be replenished; protective clothing will be cleaned or
5 disposed of and restocked, etc.

6 All equipment used during an incident will be decontaminated (if practicable) or disposed of as spill
7 debris. Decontaminated equipment will be checked for proper operation before storage for subsequent
8 use. Consumable and disposed materials will be restocked. Fire extinguishers will be replaced.

9 **K.4 Emergency Equipment**

10 Emergency resources and equipment for the DST/204-AR are presented in this section.

11 **K.4.1 Fixed Emergency Equipment**

Type	Location	Capability
Wet Pipe Fire sprinklers	- 241-AZ-271 Vent System Control Room - 271 Instrument Buildings	Automatically activates and controls or extinguishes fire
Diesel generators	- 241-AZ-701 Diesel Building	Provides backup electrical power
Emergency Lighting	- 241-AZ-701 Diesel Building - 272-AW	Provide low-level egress lighting for buildings during loss of electricity

12 **K.4.2 Portable Emergency Equipment**

Type	Location	Capability
Fire Extinguisher	Throughout the DST/204-AR complex	Assists in control of a small fire.
Eye Wash/Safety Shower	Throughout the DST System	Flushes unwanted chemical/material from eyes, clothes, and body.
Decontamination Trailers	200 East and 200 West Area	Flushes unwanted chemical/material from eyes, clothes, and body.

13 **K.4.3 Communications Equipment and Warning Systems**

Type	Location	Capability
Operational Alarms	242-S 241-AZ-271 2750 Building/ (TMACS) Tank Farms Instrument Buildings	Notification of process upsets, equipment failure, hazardous material/waste release, loss of tank ventilation
Public Address (PAX)	272-AW	Communicate messages to personnel in noted locations
DST radio system	Various buildings, vehicles, and hand-carried radios	Two-way radio communications
Telephones	Various buildings throughout 200 East and 200 West Area	Communication

14 Note: Site wide communications and warning systems are identified in Permit Attachment 4, *Hanford*
15 *Emergency Management Plan* (DOE/RL-94-02), Section 5.2.5.

1 **K.4.4 Personal Protective Equipment**

Type	Location	Capability
Self-Contained Breathing Apparatus	Tank Farm Change Trailers 278-AW 2704-HV	Protects personnel from exposure to hazardous atmosphere and airborne particulates.
Respirators	2704-HV 278-AW	Protects personnel from exposure to hazardous atmosphere and airborne particulates
Personal Protective Clothing	Tank farm change rooms and trailers	Protects personnel from exposure to hazardous chemicals/materials

2 **K.4.5 Spill Kits and Spill Control Equipment**

Type	Location	Capability
Spill kits (Absorbents, spill pigs and pillows, dikes, and gloves)	<ul style="list-style-type: none"> • 242-S Evaporator • 241-AZ-701 Generator Building • 241-A-701 Compressor Building • 200-West Area, HS-0085 • 272-AW • 272-WA • 252-S Substation 	Use to control and clean up most liquid spills and some solids

3 **K.4.6 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 are stored at each location. The IC could activate the Hanford Fire
6 Department Mobile Command Unit if necessary.

7 **K.5 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, DST/204-AR File, the time,
11 date and details of any incident that requires implementation of the contingency plan (refer to Section K.3
12 of this plan). Within fifteen (15) days after the incident, a written report must be submitted to Ecology.
13 The report must include the elements specified in [WAC 173-303-360\(2\)\(k\)](#).

14 **K.6 Plan Location and Amendments**

15 Copies of Attachment 4 [Hanford Emergency Management Plan (DOE/RL-94-02)] will be maintained per
16 permit condition I.M.1. Copies of this Building Emergency Plan, and DST/204-AR Permit Addendum
17 K, will be maintained at the following locations:

- 18 • MO-268

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

1 **K.7 Facility/Building Emergency Response Organization**

2 **K.7.1 DST/204-AR Building Emergency Director**

Title	Work Location	Work Phone
Building Emergency Director	Various	373-2689

3 Names and home telephone numbers of the BEDs are available from the Patrol Operations Center (373-
4 0911) in accordance with Permit Condition II.A.3.

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