

**WASTE ENCAPSULATION AND STORAGE FACILITY
ADDENDUM E
SECURITY**

CHANGE CONTROL LOG

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

Modification History Table

Modification Date	Modification Number

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1 **E.1 Security**

2 This addendum discusses the security requirements relative to the Waste Encapsulation and Storage
3 Facility (WESF) Operating Unit Group and complies with the security requirements set forth in
4 Washington Administrative Code (WAC) 173-303-310, Dangerous Waste Regulations, *Security*.

5 WESF is located in the northwestern portion of the 200 East Area of the Hanford Facility, with the main
6 225-B Building adjoining B Plant on the west end. The active portion of WESF is defined by the
7 treatment, storage, and disposal unit group boundary shown in Addendum A, Part A, Attachment A
8 (Figure A-1).

9 WESF operations provide for continued safe storage, maintenance, and transfer of 1,936 capsules
10 containing cesium and strontium radioactive mixed waste. The double-encapsulated cesium and
11 strontium salts are stored underwater in various pool cells. WESF operations are designed to protect
12 human health and the environment from the encapsulated mixed waste.

13 **E.1.1 Hanford Site Security**

14 The Hanford Site is a controlled-access area. Permit Attachment 3, *Security*, of the WA7890008967,
15 Hanford Facility Resource Conservation and Recovery Act Permit, describes the multi-tiered sitewide
16 security system and how it applies to the requirements for signs [WAC 173-303-310(2)(a)], 24 hour
17 surveillance [WAC 173-303-310(2)(b)], and artificial or natural barriers [WAC 173-303-310(2)(c)].

18 **E.1.2 Security Provisions**

19 WESF complies with access control and warning sign requirements pursuant to WAC 173-303-310(1)
20 and (2).

21 **E.1.2.1 Access Control**

22 Unknowing entry and the possibility for unauthorized entry of persons or livestock onto the active portion
23 of WESF are minimized through implementation and maintenance of established security measures.

24 All WESF dangerous/mixed waste management activities are performed within the main 225-B Building,
25 which is kept locked at all times, when not in use [WAC 173-303-310(2)(c)]. Access to the building is
26 controlled by project operations dispatch personnel. Entrance to the 225-B Building is permitted through
27 access codes given to authorized personnel only. The WESF truckport and apron are under surveillance
28 by authorized personnel when work activities are occurring in the area. In the event dangerous waste
29 remains on the truckport apron overnight awaiting transport, temporary barriers and warning signs, in
30 accordance with Section E.1.2.2, will be erected.

31 All personnel are required to check in with the shift operations manager prior to beginning any assigned
32 work tasks or scheduled tours of the facility. Visitors to WESF must adhere to all personal protection
33 requirements and are subject to escorting protocols. Personnel training requirements for those individuals
34 whose assigned work tasks directly relate to WESF dangerous/mixed waste management activities are
35 established in WESF Addendum G, "Personnel Training."

36 **E.1.2.2 Warning Signs**

37 Warning signs stating "Danger-Unauthorized Personnel Keep Out" or "Danger Do Not Enter, Authorized
38 Personnel Only" are posted at each entrance door to the 225-B Building.

39 All posted signage is written in English, visible from all angles of approach, and legible from a distance
40 of at least 7.6 m (25 ft) [WAC 173-303-310(2)(a)].

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