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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 or 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
02/16/2023	PCN-ATT3-2023-01 (8C.2023.Q1)
04/01/2019	8C.2019.1F
08/25/2016	8C.2016.Q2

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3.0 SECURITY

Security measures are used to control access to the active portions of the Hanford Facility, as defined by Washington Administrative Code (WAC) 173-303-040, in accordance with Hanford Facility Permit Condition II.L. The Hanford Facility is a controlled access area. The signs, 24-hour surveillance system, and barriers are used to provide security and control access to the Hanford Facility. Active portions of the Hanford Facility are located within, or near, the 200 Area Central Plateau, and the 300 and 400 areas (refer to Hanford Facility topographic map). These areas are subject to 24-hour surveillance, including video monitoring and security patrols. The security measures listed below prevent the unknowing entry, and minimize the possibility for the unauthorized entry, of persons or livestock onto active portions of the Hanford Facility (WAC 173-303-310).

- Signs.
- 24-Hour Surveillance System.
- Artificial or Natural Barriers.
- Hanford Facility Security.
- Unit Group Security.

3.1 Signs

Signs prevent the unknowing entry, and minimize the possibility for the unauthorized entry, onto active portions of the Hanford Facility [WAC 173-303-310(2)(a)]. Signs posted around the perimeter of the facility bear the legend, “No Trespassing By Order of the United States Department of Energy” (see Figure 3-1). The “No Trespassing” signage is also posted around the 200, 300 and 400 Areas. These signs are posted every 500 feet (152 meters). Warning signs posted for operating unit groups bear the legend, “Danger-Unauthorized Personnel Keep Out,” or an equivalent legend, written in English, and are legible from a distance of at least 25 feet (7.6 meters). Such warning signs are posted at entrance points to the active portions of operating unit groups and along the fence lines of the operating unit groups at distances not to exceed 250 feet (76.2 meters) between signs. Large warning signs posted along the Columbia River shoreline near the 100 Area surplus reactors are written in English and Spanish (see Figure 3-2).

3.2 24-Hour Surveillance System

24-hour surveillance is conducted at the Hanford Facility level to control entry onto the Hanford Facility and provide protection of government property, classified information, and special nuclear materials. This system is comprised of roving patrols and video surveillance at selected locations.

3.3 Artificial or Natural Barriers

Authorized access to active portions of the Hanford Facility is controlled through gates or other entrances at all times, as described in Sections 3.3.1 through 3.3.2. Access prevention from the Columbia River is discussed in Section 3.3.3. Additional means to control access (e.g., fences, locked gates, buildings with locked doors) to active portions are discussed in unit group addenda, as described in Section 3.5.

3.3.1 Yakima, Wye, and Rattlesnake Barricades

Vehicular access to roads leading to the active portions of the Hanford Facility located in the 200 Areas is controlled through entrance points at the Yakima, Wye, and Rattlesnake Barricades, which are posted with signs as seen in Figure 3-1, Figure 3-3, and Figure 3-4. These barricades are controlled on a continuous or as needed basis by Hanford Patrol. When barricades are not manned, the gates are secured to prevent access.

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3.3.2 Perimeter and Area Fences

The Hanford Facility perimeter fence is installed that extends approximately 32 miles from the northwest corner of the Hanford Facility, where the facility meets with the Columbia River at the Vernita Bridge, to the southeast corner of the facility near Stevens Road. The perimeter fence is constructed of steel fence posts strung with barbed wire. This fence provides a barrier to vehicle access on the west and south portion of the Hanford Facility. All other unimproved vehicle access roads along the facility boundary are controlled by locked vehicle access gates combined with the Hanford Facility perimeter fence.

In addition to the perimeter fence, area fences located inside the boundary of the Hanford Facility are installed around the 200 East, 200 West, 300, and 400 Areas.

The 200 East and 200 West areas are each surrounded by an area fence. Many of the active portions of the Hanford Facility are located within the 200 area fences. The area fences are chain link fencing that may be topped with barbed wire in certain places. Access through the 200 area fences is provided only at a limited number of entrances.

The 300 Area is surrounded by fencing except at the entrance points. The 300 Area perimeter fencing is chain link, with the exception of the northeast corner where a portion of the chain link fencing has been removed and replaced with metal posts with a single wire strand. The 400 Area is surrounded by chain link fencing with triple strand barbed wire on top, except at the entrance points.

3.3.3 Columbia River

The Hanford Facility is bordered by the Columbia River, a prominent surface water feature that covers approximately 44 miles (71 kilometers) of the facility boundary from the northwest corner to the southeast corner of the Facility. Unknowing entry to the Hanford Facility from the Columbia River is prevented through the posting of numerous “No Trespassing” signs along the river shoreline, and the large warning signs along the shoreline near the 100 Area surplus reactors.

3.4 Hanford Facility Security

The Hanford Patrol maintains a continuous presence of security personnel. Hanford Patrol is comprised of highly trained security personnel that are present at the facility 24 hours a day, 7 days a week, including holidays. Hanford Patrol monitors access to, and exit from the Hanford Facility and provide security measures throughout the Hanford Facility.

The Benton County Sheriff Office (BCSO) provides law enforcement support for the Hanford Facility, including enforcement of traffic laws and automobile accident investigations. Activities of the BCSO include Columbia River patrol by watercraft, K9 units for narcotics detection operations, and warrant service. The detective and deputies of the BCSO also investigate property crimes involving theft of government and personal property on the Hanford Facility.

All personnel accessing locations on the Hanford Facility must possess and display a United States Department of Energy approved security badge indicating the appropriate access authorization. All personnel entering or exiting the Hanford Facility are subject to random security badge inspections by Hanford Patrol to validate access authorization. All vehicles and hand-carried items entering or exiting the Hanford Facility are subject to random inspections and searches by Hanford Patrol to preclude the unauthorized introduction of prohibited/controlled articles, or the unauthorized removal of government or contractor assets.

Employees at the Hanford Facility are trained and have the responsibility to assist in maintaining access control on the facility. In general, this includes, restricting access to authorized personnel only (e.g., challenging personnel without a security badge and making sure entrances are secured after entry and exit). Employees receive annual training on individual requirements to maintain security on the Hanford Facility as part of the general facility training required by Permit Condition II.C.

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3.5 Unit Group Security

Additional security measures for active portions of the facility are contained in Parts III and V of the permit. Specifically, security measures implemented at the unit group level are discussed in each unit group's Addendum E, "Security."

Figure 3-1 Perimeter "No Trespassing" Signage

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Figure 3-2 Columbia River Shoreline Signage
Photo taken 8/2018

Figure 3-3 Wye Barricade Signage
Photo Taken 10/2018

Figure 3-4 Wye Barricade Signage
Photo Taken 6/2016

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