**Department of Energy**
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

AUG 2 2 2007

07-AMRC-0280

Ms. Jane A. Hedges, Program Manager
Nuclear Waste Program
State of Washington
Department of Ecology
3100 Port of Benton
Richland, Washington 99354

Dear Ms. Hedges:

TRANSMITTAL OF REVISED STATE ENVIRONMENTAL POLICY ACT ENVIRONMENTAL CHECKLIST FOR THE 400 AREA WASTE MANAGEMENT UNIT (WM) (TSD: S-4-2)

The purpose of this letter is to transmit the signed State Environmental Policy Act Environmental Checklist for the Hanford Site 400 Area Waste Management Unit, Revision 1. This document was sent to the State of Washington Department of Ecology (Ecology) previously on May 9, 2007, (07-SED-0248). This revision reflects comment resolution achieved with Ecology's staff during a meeting on August 13, 2007, in Ecology's office.

If you have any questions regarding this matter, please contact me, or your staff may contact, Rob Hastings, Acting Assistant Manager for Safety and Engineering, on (509) 376-9824.

Sincerely,

David A. Brockman
Manager

AMRC:DHC

Enclosure

cc w/encl:
J. M. Ayres, Ecology
G. Bohnee, NPT
F. W. Bond, Ecology
S. B. Cherry, FHI
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Administrative Record
Environmental Portal

# STATE ENVIRONMENTAL POLICY ACT

## Environmental Checklist
## for the

## Hanford Site 400 Area Waste Management Unit

**Revision 1**

**August 2007**

**Washington Administrative Code**
**Environmental Checklist**
**[WAC 197-11-960]**

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# A. BACKGROUND

## A.1. Name of proposed project, if applicable:

This *State Environmental Policy Act* (SEPA) *of 1971* Environmental Checklist is being submitted for the operation of the Hanford Site 400 Area Waste Management Unit (400 Area WMU). The 400 Area WMU, located within the Fast Flux Test Facility (FFTF) Property Protected Area (PPA) in the 400 Area of the Hanford Facility, is a container management unit for storage of mixed waste awaiting treatment. The mixed waste stored in the 400 Area WMU can include elemental sodium, sodium hydroxide, and debris (e.g., piping, equipment, and components) contaminated with elemental sodium and sodium hydroxide. This waste will be stored in an inert environment to prevent reactions with the atmosphere. Because dangerous waste does not include the source, special nuclear, and by-product material components of mixed waste, radionuclides are not within the scope of this documentation. The information on radionuclides is provided only for general knowledge.

## A.2. Name of applicants:

U.S. Department of Energy, Richland Operations Office (DOE-RL)

## A.3. Address and phone number of applicants and contact persons:

U.S. Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

Contact:

David A. Brockman, Manager
Richland Operations Office
(509) 376-7395

## A.4. Date checklist prepared:

August 2007

## A.5. Agency requesting the checklist:

Washington State Department of Ecology (Ecology)
P.O. Box 47600
Olympia, Washington 98504-7600

## A.6. Proposed timing or schedule: (including phasing, if applicable):

This SEPA Environmental Checklist is submitted concurrently with the 400 Area WMU unit specific *Resource Conservation and Recovery Act of 1976* (RCRA) Part B permit application. The 400 Area WMU operations under a temporary authorization began in November 2006. It is anticipated that it will remain in operation until the decontamination and decommissioning (D&D) of FFTF scheduled to be completed in 2030. Phasing is not anticipated for this project.

**A.7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.**

No future addition or expansion is expected for the 400 Area WMU; RCRA treatment is not a consideration. Closure of the FFTF (which includes the 400 Area WMU) is being addressed as described in the *Tank Closure and Waste Management Environmental Impact Statement for the Hanford Site, Richland, Washington* (draft under preparation). The 400 Area WMU is being used to store equipment, piping, components, etc from deactivation of FFTF, that are contaminated with elemental sodium and sodium hydroxide until the equipment, piping, etc can be decontaminated or disposed of properly.

**A.8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.**

- Revision 0 of the SEPA Environmental Checklist (dated April 2007) was submitted to Ecology [Letter # 07-SED-0248, K. Klein, RL, to J. Hedges, Ecology, *Transmittal of the Certified Hanford Facility Dangerous Waste Part A Form and Part B Permit Applications and State Environmental Policy Act Environmental Checklist for the 400 Area Waste Management Unit (WMU) (TSD: S-4-2)*, dated May 9, 2007].
- The *Hanford Facility Dangerous Waste Permit Application, General Information Portion* (DOE/RL-91-28) contains information pertaining to the entire Hanford Facility.
- The closure of the FFTF is included in the scope *Tank Closure and Waste Management Environmental Impact Statement for the Hanford Site, Richland, Washington* (TC&WM EIS, draft under preparation).
- The 400 Area WMU radioactive air emissions are addressed in the *Hanford Site Radioactive Air Emissions License, FF-01* (approved by the State of Washington Department of Health [letter, AIR 06-701]).
- General air emissions for 400 Area WMU also are addressed in the *Hanford Site Title V Air Operating Permit* (current revision).

  *Environmental Assessment, Shutdown of the Fast Flux Test Facility* (DOE/EA-0993) (May 1995). A Finding of No Significant Impact (FONSI) was issued May 30, 1995. This Environmental Assessment addressed the shutdown of FFTF.

  Environmental Assessment, Sodium Residuals Reaction/Removal and Other Deactivation Work Activities, Fast Flux Test Facility (FFTF) Project, Hanford Site, Richland, Washington (DOE/EA-1547F) (March 2007). A FONSI was issued March 31, 2007. This EA supported long-term, low cost surveillance and maintenance of the FFTF before implementing a final FFTF decommissioning end state as defined through the (currently under development) TC&WM EIS/attendant ROD.
- *Comprehensive Land Use Plan Environmental Impact Statement* (DOE/EIS-0222F) and attendant Record of Decision (ROD) (64 FR 61615) dealt with land use, wherein FFTF was identified within 'All Other Areas' geographic areas, and designated as 'Industrial.'

  General information concerning the Hanford Facility environment can be found in the *Hanford Site National Environmental Policy Act (NEPA) Characterization*, PNNL-6415, Revision 17, September 2005. This document provides information concerning climate and meteorology, ecology, history and archeology, socioeconomic, land use and noise levels, and geology and hydrology. These

baseline data for the Hanford Site and past activities are useful for evaluating proposed activities and their potential environmental impacts.

**A.9. Do you know whether applications are pending for government approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.**

No other applications are pending.

**A.10. List any government approvals or permits that will be needed for your proposal, if known.**

Ecology is the lead regulatory agency authorized to approve the Hanford Facility RCRA Permit - pursuant to the requirements of WAC 173-303.

No other permits are known to be required at this time.

**A.11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page.**

The 400 Area WMU currently is comprised of the Fuel Storage Facility (Building 403) (FSF) and the Interim Storage Area (ISA) (including Building 432A). The perimeter of each of these two noncontiguous storage locations represents the treatment, storage, and/or disposal (TSD) unit boundary for the 400 Area WMU.

The 400 Area WMU is located within the 400 Area PPA of the Hanford Facility and access is controlled by physical barriers, which complies with WAC 173-303-310(2)(c). Signs stating "Danger-Unauthorized Personnel Keep Out" or equivalent are posted near the entrance of each mixed waste storage area.

The FSF is a steel frame metal-sided high bay building with reinforced concrete substructure. The metal structure is coated inside with a fire-resistant coating and is 34 meters (112 feet) long by 27 meters (90 feet) wide and 12 meters (40 feet) high. Access to the FSF is provided via an equipment access door connecting an adjoining facility, an external rollup truck door, and two personnel access doors. All external access doors will remain locked and the equipment access door to the adjoining facility will be closed. The curb at the entrance to the rollup truck door prevents run-on from any water that may accumulate outside.

The FSF does not have constructed secondary containment systems. The mixed waste stored within this area will be stored on the deck (i.e. the below grade cells in FSF will not be used for storage of this material) The waste containers will be stored over portable secondary containment, as described in Chapter 4.0, Process Information. The FSF is equipped with an 18-ton bridge crane for moving and positioning large containers and equipment and components. The capacity of this crane is more than sufficient to safely lift and move the waste containers.

Electrical service is provided for ventilation and lighting. There is no water supply to this building. The FSF is maintained at atmospheric pressure. The FSF is insulated with a non-combustible material; however, heating and cooling are not required for operations.

The ISA is a 75 meters by 156 meters (247 feet by 513 feet) totally fenced area with perimeter lighting. Building 432A, a small 3-sided metal structure on concrete slab, comprises a portion of the ISA's western perimeter. Building 432A joins at a break in the perimeter fencing near the southwest corner of the ISA and is open to the interior of the ISA. A concrete pad measuring 27 meters by 37 meters (90 feet by 120 feet) is also located within the ISA. Waste storage may occur anywhere within the enclosed area of the ISA depending on waste management needs. The ISA is uncovered, with the exception of the Building 432A, and does not have constructed secondary containment systems. Any mixed waste stored within this area will be stored over portable secondary containment.

**A.12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.**

The 400 Area WMU is located in the 400 Area of the Hanford Facility. A topographic map and site plans are included in Hanford Facility RCRA Permit, 400 Area WMU.

## B. ENVIRONMENTAL ELEMENTS

### B.1. Earth

**B.1.a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other_____.**

Flat

**B.1.b. What is the steepest slope on the site (approximate percent slope)?**

The approximate slope of the land is less than 2 percent.

**B.1.c. What general types of soils are found on the site (for example, clay, sandy gravel, peat, and muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.**

Soil types consist mainly of eolian and fluvial sands and gravel. More detailed information concerning specific soil classifications can be found in PNNL-6415, Revision 17. Farming is not permitted on the Hanford Facility.

**B.1.d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.**

No

**B.1.e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.**

Does not apply

**B.1.f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.**

No

**B.1.g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt, or buildings)?**

Impervious surfaces are 100 percent of FSF and approximately 10 percent of the total area of the ISA.

**B.1.h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:**

None

### B.2. Air

**B.2.a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, and industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities, if known.**

The containers are completely closed and will not have any emissions. Vehicles used by personnel during 400 Area WMU operations and subsequence closure would generate minor amounts of exhaust.

**B.2.b. Are there any off-site sources of emissions or odors that may affect your proposal? If so, generally describe.**

No

**B.2.c. Proposed measures to reduce or control emissions or other impacts to the air, if any?**

Good engineering practices would be followed, and actions would comply with onsite procedures designed to protect the environment and personnel safety and health. The "good engineering practices" include using appropriate fuels for vehicles and adhering to onsite procedures

**B.3. Water**

**B.3.a. Surface**

**B.3.a.1. Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.**

The Columbia River is in the vicinity of the 400 Area WMU. However, the 400 Area WMU is not a land-based facility as defined in WAC 173-303-282(3)(h) and is over 7 kilometers from the Columbia River.

**B.3.a.2. Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.**

No

**B.3.a.3. Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.**

There would be no dredging or filling from or to surface water or wetlands.

**B.3.a.4. Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.**

No

**B.3.a.5. Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.**

The 400 Area WMU is not within the 100-year or 500-year floodplain (PNNL-6415, Revision 17).

**B.3.a.6. Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.**

No

**B.3.b. Ground**

**B.3.b.1. Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.**

No groundwater would be withdrawn in support of this project, and water would not be discharged to the aquifer.

**B.3.b.2. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example, domestic sewage; industrial, containing the following chemicals…; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.**

Does not apply

**B.3.c. Water Run-off (including storm water)**

**B.3.c.1. Describe the source of run-off (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.**

The Hanford Facility receives only 15.2 to 17.8 centimeters of annual precipitation. Precipitation runs off the existing buildings, parking areas, and the waste storage pad and seeps into the soil near these areas. This precipitation does not reach surface waters.

**B.3.c.2. Could waste materials enter ground or surface waters? If so, generally describe.**

Waste materials would not enter ground or surface waters. All waste materials would be contained in sealed containers that are placed in secondary containers. Applicable regulations require the removal of liquids from secondary containment.

**B.3.c.3. Proposed measures to reduce or control surface, ground, and run-off water impacts, if any:**

No surface, ground, or run-off water impacts are expected.

**B.4. Plants**

**B.4.a. Check or circle the types of vegetation found on the site.**

- ☐ deciduous tree: alder, maple, aspen, other
- ☐ evergreen tree: fir, cedar, pine, other
- ☐ shrubs
- ☐ grass
- ☐ pasture
- ☐ crop or grain
- ☐ wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other
- ☐ water plants: water lily, eelgrass, milfoil, other
- ☐ other types of vegetation

There is no vegetation on the 400 Area WMU site. The 400 Area has a vegetation control plan that would prevent vegetation from growing in this area.

**B.4.b. What kind and amount of vegetation will be removed or altered?**

Does not apply

**B.4.c. List threatened or endangered species known to be on or near the site.**

No threatened or endangered species are on the 400 Area WMU site. The Hanford Facility contains some federal and state listed threatened and endangered plant and animal species. Additional information on species can be found in PNNL-6415, Revision 17.

**B.4.d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:**

Does not apply

**B.5. Animals**

**B.5.a. Indicate (by underlining) any birds and animals which have been observed on or near the site or are known to be on or near the site:**

Birds: Raptors (burrowing owls, ferruginous, redtail, and Swainson's hawks), eagles, songbirds
Mammals: deer, elk, coyotes, rabbits.

Additional information on animals can be found in PNNL-6415, Revision 17.

**B.5.b. List any threatened or endangered species known to be on or near the site.**

In April 2007, one federal and state listed threatened or endangered specie had been identified on the 1,450 square kilometer Hanford Site along the Columbia River: the bald eagle. In addition, the state listed white pelican, sandhill crane, and ferruginous hawk occur on or migrate through the Hanford Site.

It is noted that on June 28, 2007 the U. S. Department of the Interior took the American bald eagle off the Federal List of Endangered and Threatened Wildlife and Plants. The bald eagle will still be protected by the Migratory Bird Treaty Act and the Bald and Golden Eagle Protection Act.

**B.5.c. Is the site part of a migration route? If so, explain.**

The Hanford Site is a part of the broad Pacific Flyway.

**B.5.d. Proposed measures to preserve or enhance wildlife, if any:**

Appropriate ecological reviews/notifications are conducted prior to commencing activities in the 400 Area as necessary.

**B.6. Energy and Natural Resources**

**B.6.a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.**

Electricity will be used at 400 Area WMU during operations.

**B.6.b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.**

No

**B.6.c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:**

Energy consumption is anticipated to be small. Additional energy conservation features would not yield substantial savings.

## B.7. Environmental Health

### B.7.a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

Possible environmental health hazards to personnel could arise from activities at 400 Area WMU. The hazard could come from exposure to mixed waste. Stringent administrative controls and engineered barriers will be used to minimize the probability of even a minor incident and/or accident. A chemical spill, release, fire, or explosion could occur only as a result of a simultaneous breakdown in multiple barriers or a catastrophic natural forces event. The waste is stored in a manner equivalent to WAC 173-303-630(5)(c) and the International Fire Code as interpreted by the Hanford Fire Department.

### B.7.a.1. Describe special emergency services that might be required.

Hanford Site security, fire response, and ambulance services are on call at all times in the event of an onsite emergency. Hanford Site emergency services personnel are trained specially to manage a variety of circumstances involving chemical and/or mixed waste constituents and situations.

### B.7.a.2. Proposed measures to reduce or control environmental health hazards, if any:

All personnel are trained to follow proper procedures during operations to minimize potential exposure. The 400 Area WMU has systems for radiation monitoring, fire protection, and alarm capability.

Chemical and radiological safety hazards would be mitigated by preventing direct contact with the residual chemical constituents; and protective clothing, appropriate training, and respiratory protection used by onsite personnel as necessary. As low as reasonably achievable (ALARA) principles are applied during operations.

### B.7.b. Noise

### B.7.b.1. What type of noise exists in the area which may affect your project (for example: traffic, equipment, operation, other)?

While there is a minor amount of traffic, operation, and equipment noise in the vicinity, it is not expected to affect personnel at 400 Area WMU.

### B.7.b.2. What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example, traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Minor amounts of noise from traffic and equipment are expected during day shift hours.

### B.7.b.3. Proposed measures to reduce or control noise impacts, if any:

In the unlikely event that Occupational Safety and Health Administration noise standards would be exceeded, appropriate measures to protect personnel would be employed.

## B.8. Land and Shoreline Use

### B.8.a. What is the current use of the site and adjacent properties?

The Hanford Facility is a single RCRA facility identified by the U.S. Environmental Protection Agency (EPA)/State Identification Number WA7890008967 that consists of over 70 TSD units conducting dangerous waste management activities. These TSD units are included in the *Hanford Facility Dangerous Waste Part A Permit Application* (DOE/RL-88-21). The Hanford Facility consists of all contiguous land and structures, other appurtenances, and improvements on the land, used for recycling, reusing, reclaiming, transferring, storing, treating, or disposing of dangerous waste, which, for the purposes of RCRA, are owned by the U.S. Government and operated by the DOE-RL (excluding lands north and east of the Columbia River, river islands, lands owned or used by the Bonneville Power Administration, lands leased to Energy Northwest, and lands owned by or leased to Washington State).

### B.8.b. Has the site been used for agriculture? If so, describe.

No portion of the 400 Area has been used for agricultural purposes since 1943.

### B.8.c. Describe any structures on the site.

A description of the FFTF Protected Area may be found in DOE/EA-1547F, *Environmental Assessment; Sodium Residuals Reaction/Removal and Other Deactivation Work Activities, Fast Flux Test Facility (FFTF) Project, Hanford Site, Richland, Washington.*

### B.8.d. Will any structures be demolished? If so, what?

No

### B.8.e. What is the current zoning classification of the site?

The Hanford Site is currently included in Public Land's designation in the Benton County Comprehensive Plan (June 22, 1998) (internet address: http://www.co.benton.wa.us/comp_plan.htm). The Plan is being revised, and will address the Hanford Site as a separate geographic component, or "Sub-Area" with its own Land Use Plan (under development as Chapter 13 in the aforementioned Benton County Comprehensive Plan).

### B.8.f. What is the current comprehensive plan designation of the site?

The *Hanford Comprehensive Land-Use Plan Environmental Impact Statement Record of Decision* (64 FR 61615, November 12, 1999) stated that the 400 Area geographic area, included as "All Other Areas" is designated Industrial.

### B.8.g. If applicable, what is the current shoreline master program designation of the site?

Does not apply

### B.8.h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

No

### B.8.i. Approximately how many people would reside or work in the completed project?

Approximately 150 people currently staff FFTF, which includes the 400 Area WMU.

**B.8.j. Approximately how many people would the completed project displace?**

None

**B.8.k. Proposed measures to avoid or reduce displacement impacts, if any:**

Does not apply

**B.8.l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:**

Does not apply (refer to Section 8.f.).

**B.9. Housing**

**B.9.a. Approximately how many units would be `provided, if any? Indicate whether high, middle, or low-income housing.**

None

**B.9.b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.**

None

**B.9.c. Proposed measures to reduce or control housing impacts, if any:**

Does not apply

**B.10. Aesthetics**

**B.10.a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?**

The tallest 400 Area WMU structure is the FSF. The FSF is 12 meters (40 feet) high, and is a steel frame metal-sided high bay building with reinforced concrete substructure.

**B.10.b. What views in the immediate vicinity would be altered or obstructed?**

None

**B.10.c. Proposed measures to reduce or control aesthetic impacts, if any:**

None

**B.11. Light and Glare**

**B.11.a. What type of light or glare will the proposal produce? What time of day would it mainly occur?**

None

**B.11.b. Could light or glare from the finished project be a safety hazard or interfere with views?**

No

**B.11.c. What existing off-site sources of light or glare may affect your proposal?**

None

**B.11.d. Proposed measures to reduce or control light and glare impacts, if any:**

None

**B.12. Recreation**

**B.12.a. What designated and informal recreational opportunities are in the immediate vicinity?**

None

**B.12.b. Would the proposed project displace any existing recreational uses? If so, describe.**

No

**B.12.c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any?**

None

**B.13. Historic and Cultural Preservation**

**B.13.a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.**

No places or objects listed on, or proposed for national, state, or local preservation registers are known to be at 400 Area WMU. Additional information concerning Hanford Site cultural resources can be found in PNNL-6415, Revision 17.

**B.13.b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.**

A number of site-specific cultural resource reviews have been conducted for the FFTF. Most of the buildings and structures in the 400 Area were constructed during the Cold War era. Six buildings/structures were determined eligible for the National Register of Historic Places as contributing properties within the Historic District recommended for mitigation. These include the 405 Reactor Containment Building, 436 Training Facility, 4621-W Auxiliary Equipment Facility, 4703 FFTF Control Building, 4710 Operations Support Building, and the 4790 Patrol Headquarters.

**B.13.c. Proposed measures to reduce or control impacts, if any:**

Does not apply

**B.14. Transportation**

**B.14.a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.**

Does not apply

**B.14.b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?**

The 400 Area WMU is not accessible to the public and is not served by public transit.

**B.14.c. How many parking spaces would the completed project have? How many would the project eliminate?**

None

**B.14.d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).**

No

**B.14.e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.**

No

**B.14.f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.**

It is expected that no trips would be generated as a result of this project above those currently required by 400 Area personnel for ongoing activities.

**B.14.g. Proposed measures to reduce or control transportation impacts, if any:**

None

**B.15. Public Services**

**B.15.a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.**

No

**B.15.b. Proposed measures to reduce or control direct impacts on public services, if any:**

Does not apply

**B.16. Utilities**

**B.16.a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other:**

Electricity, potable water, refuse service, telephone, and a sanitary sewer system are available in the 400 Area.

**B.16.b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity, which might be needed.**

Existing utilities would be used to support 400 Area WMU.

## SIGNATURES

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Mr. David A. Brockman, Manager
U.S. Department of Energy
Richland Operations Office

8/22/07
Date