WAC 197-11-960 Environmental checklist.

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable:

   Site Certification Agreement Amendment for Energy Northwest Nuclear Projects NO. 1 and NO. 4 (WNP 1/4)

2. Name of applicant:

   Energy Northwest

3. Address and phone number of applicant and contact person:

   Energy Northwest
   P.O Box 968
   Richland, Washington 99352-0968
   509-377-8639
   Shannon Khounnala

4. Date checklist prepared:

   June 25, 2009

5. Agency requesting checklist:

Washington State Energy Facility Site Evaluation Council (EFSEC)

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

On May 4, 1995, EFSEC issued a *Determination of Non-Significance* for Energy Northwest's plan to demolish its nuclear power plants WNP-1/4 in two phases. This plan was further detailed in the documents referenced below.

The first phase of the plan includes health, safety, environmental, and security restoration activities. The first phase of restoration has been completed. The second phase of restoration will include removing slabs, remaining structures and unusable buildings; sealing underground piping; securing air intake structures; cleaning, grading, and re-seeding; and closing and capping the landfill. These activities are expected to be completed by 2029.

This phased approach for completion of the site restoration allows for the time needed to accumulate funds to complete site restoration activities and realize the maximum reuse potential for the existing facilities.

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

No. Energy Northwest has terminated its plans to complete these units as nuclear power plants. The first phase of site restoration activities have been completed to maintain a level of public health, safety, and security, until the sites are fully restored in 2029.

Minor changes are expected in the scope of the future demolition activities. In the meantime, Energy Northwest will continue to own and operate these sites for the reuse of existing infrastructure and facilities as the Industrial Development Complex.

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

Energy Facility Site Evaluation Council Resolution 302, "Energy Northwest Nuclear Projects Nos. 1 and 4 Site Restoration Plan," dated December 15 2003.

Letter dated January 29, 2003, from Bonneville Power Administration to Energy Northwest, Energy Facility Site Evaluation Council, and Department of Energy-Richland Operations, "WNP-1/4 Site Restoration Plan and Four Party Funding Agreement."

Additional information is included in the proposed Site Certification Agreement (SCA) amendment prepared in accordance with WAC-463-66-030.

Extensive documentation regarding the general site area was prepared pursuant to NEPA and SEPA to support decisions to construct and restore WNP-1/4.

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

None

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

The project sites and activities are currently subject to oversight by EFSEC as provided in RCW 80.50 and Title 463 of the Washington Administrative Code. The existing SCA and the powers vested in EFSEC preempt the need for additional permits from other jurisdictions (RCW 80.50.110 and RCW 80.50.120).

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. (Lead agencies may modify this form to include additional specific information on project description.)

Energy Northwest seeks to amend the WNP-1/4 SCA with EFSEC in order to update the terms and conditions within the agreement to more accurately reflect the intended activities, facility reuse opportunities, and future final phase of site restoration. The SCA has not been substantially amended since its original inception in 1975 wherein the "project" referenced in the 1975 SCA, and Amendment No 1 in 1982 (amendment to change the operating terms of emergency diesel generators), is described as the construction and operation of two nuclear generating units. Since the construction of these two units has been terminated, an amendment to the SCA is warranted.

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 site at which the project, identified as WNP-1/4, is located in Benton County, Washington. The site is located entirely within the federally-owned area known as the Hanford Operations Area, United States Department of Energy located approximately 12 miles north of Richland, Washington in Sections 3 and 4, 33 and 34 of Townships 11 and 12 North, Range 28 East.

B. ENVIRONMENTAL ELEMENTS

1. **Earth**

a. General description of the site (circle one): (Flat, rolling, hilly, steep slopes, mountainous, other . . . . . .

The landmass of the subject site consists of fairly flat terrain surrounded by gentle rolling hills.

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

The developed areas of the site consist of flat terrain and slopes less than 3%. Undeveloped areas support gentle rolling hill formations with occasional slopes up to 20%.

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

Generally, the dominant native soil profile of the area is Rupert Sand. Rupert Sand is a brown-to grayish-brown coarse sand grading to dark grayish-brown to a depth of 35 inches. It is one of the most extensive soil types on the Hanford Site. Existing facilities however are constructed on engineered surfaces of compacted sand and gravel.

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

No.

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

Future site restoration activities are expected to require fill materials to bury structures, cover demolition debris, fill subsurface structures, and to recontour the land surface. The quantity of fill materials are not currently known but plans call for use of previously excavated material or other local sources already disturbed by the project construction activities.

The proposed SCA amendment will allow Energy Northwest to continue to explore reasonable re-use activities of the existing infrastructure and facilities. Economic development activities that propose new construction or significant modification of facilities likely to require excavation or fill, will be evaluated under the State Environmental Policy Act as separate project actions.

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

Limited wind erosion and fugitive dust is likely during the future demolition and restoration activities. Erosion is also possible during maintenance activities related to the reuse of existing facilities and structures. Water erosion is expected to be minimal, if any, due to the lack of steep slopes or frequent rainfall events.

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

Currently, less than 25% of the developed portion of the site is covered with impervious surfaces. Future activities are not expected to increase the impervious surface on the proposed site. Future removal of buildings or structures will reduce the total impervious surface on the site.

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

Best Management Practices (BMPs) will be utilized during any maintenance of existing facilities or future restoration activities that have the potential to result in erosion. The proposed SCA amendment provides specific construction related requirements, such as cuts and slopes, in order to reduce fugitive dust and wind erosion. BMPs outlined in the proposed SCA amendment also include, but are not limited to, dust suppression (wetting) of construction roads, temporary parking lots, and spoil and disposal areas. Restoration of vegetation will be also provided, as needed, to ensure that bare earth areas are stabilized.

a. **Air**

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

During typical operation days, emissions are limited to the vehicles accessing the site. Lease tenants of the Industrial Development Complex are required to obtain any air permits prior to the start of any operation that may result in regulated emissions.

During any potential construction maintenance activities or future site restoration activities, emissions to the air are expected from the use of construction equipment (e.g backhoe, bulldozer, trucks etc.) and site demolition activities. During these short term events, fugitive dust, windblown debris, hydrocarbon, nitrogen oxide, and particulate matter emissions would be expected.

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

No off-site sources of emissions or odors that may affect the proposal are anticipated.

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

Typical site operations do no require measures to control emissions or other impacts to air. Any site maintenance activities or future site restoration activities will be completed with equipment with standard mufflers to meet vehicle air emission standards. Temporary mitigation measures include water application to control fugitive dust, as needed, and reseeding or planting with native vegetation to provide long term stabilization.

3. **Water**

a. Surface:

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.

Surface water near the subject property is limited to the Columbia River, located approximately two miles east of the developed areas of the site.

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.

An inlet structure, originally constructed to draw water from the Columbia River, is located at the eastern limit of the project area. This inlet is not in use and work within the shoreline will be limited to maintaining safety signs and removing debris as needed.

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.

None

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

No. The option to withdraw water from the Columbia River has been removed from the proposed SCA amendment.

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

No

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.

Not currently. Any discharge to the waters of the US shall be subject to the terms and conditions of a valid NPDES permit for as long as such a system is required.

b. Ground:

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

Yes. Ground water will continue to be withdrawn from the two existing on-site wells. Withdrawal will occur at a maximum rate of 2.3 cubic feet per second (CFS). The water will support the reuse of WNP-1/4 as an Industrial Development Complex providing potable water and fire service water. Additionally, this water is used to support Energy Northwest's Columbia Generating Station during maintenance activities.

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.

Domestic sewage at WNP-1/4 is treated at a common sewage treatment facility shared with Energy Northwest's Columbia Generating Station (WNP-2). This proposal does not involve the construction or operation of a septic tank/drainfield system or any other waste disposal system or facility. No waste material will be discharged into the ground as a result of this project.

c. Water runoff (including stormwater):

1) Describe the source of runoff (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.

There is no stormwater runoff due to arid conditions and high rates of soil infiltration.

2) Could waste materials enter ground or surface waters? If so, generally describe.

No. The generation of potentially harmful leachate in the groundwater will be minimized by limiting the on-site disposal of demolition debris to those wastes conforming to the definition of inert and demolition wastes (WAC 173-3-04-100).

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

No other surfacewater/stormwater controls are necessary at WNP-1/ 4 due to the arid climate and high rate of soil infiltration.

4. **Plants**

a. Check or circle 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, bullrush, skunk cabbage, other
_____ water plants: water lily, eelgrass, milfoil, other
_____ other types of vegetation

The WNP-1/ 4 site is characterized as a shrub-steppe environment. Riparian communities are present along the shoreline of the Columbia River.

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

None, except some vegetation areas incidental to future backfill operations associated with future restoration activities. Most of the natural vegetation was removed from the developed portion of the sites during the original project construction phase.

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

The Washington State Department of Natural Resources (DNR) has been contacted regarding potential occurrence of significant plant species near the site. Unfortunately, DNR site surveys have not been completed in more than 10 years. However, the occurrence of federal and state listed species on the Hanford Site are tracked and described in reports prepared for USDOE by the Pacific Northwest National Laboratory (PNNL). PNNL reported that no federally listed endangered or threatened plants occur on the Hanford site, although 12 species present on the site are listed by Washington State.

Energy Northwest completed surveys of the Columbia River shoreline near Energy Northwest property in 2008. This survey revealed the presence of the state-listed threatened species Rotala ramosior (*Lowland toothcup*) and watch list species Cyperus bipartitus (*Shining flatsedge*) at a

location approximately one-half mile downstream of the Energy Northwest property. Also found near the water edge throughout the 2 km survey zone was the state watch list species Artemisia lindleyana (*Col. River mugwort*).

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

Any removal of buildings, structures, or facilities during the future planned restoration, will be seeded and/or planted with native plant species typical of the shrub/steppe habitat.

5. **Animals**

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: (hawk), (heron), (eagle), (songbirds), other: owls, quail, pheasant, doves, magpies, crows

mammals: (deer), bear, (elk), beaver, other: rodents, bats, raccoon, porcupine, skunk

fish: (bass), (salmon), (trout), herring, shellfish, other: sturgeon, crappie, catfish, walleye, perch

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

On the Hanford site there are three species of fish and four species of birds listed as threatened or endangered by either the state or federal governments. Of the Federally listed fish species, only steelhead trout (*Oncorhynchus mykiss*) spawns in the Hanford Reach. Spring chinook (*O. tshawytscha*) migrate through the area on their way to spawning grounds upstream. Bull trout (*Salvelinus confluentus*) have been found in the reach but are not considered resident.

The four bird species are listed as threatened or endangered in the State of Washington. Ferruginous hawks (*Buteo regalis*) have successfully nested on the Hanford site, especially on several steel transmission line towers. The white pelican (*Pelecanus erythrorhynchos*) is relatively common along the Hanford Reach but does not appear to nest or reproduce on the Hanford site. The sandhill crane (*Grus canadensis*) migrates over the Hanford site and on rare occasions is observed on the shore or islands of the Hanford Reach. The greater sage grouse (*Centrocercus urophasianus*) was formerly more common on the Hanford Site, especially on the Fitzner-Eberhardt Arid Lands Ecology (ALE) Reserve Unit, located more than 10 miles west of the WNP-1/ 4 site. It disappeared for a number of years following several large fires in the 1980s. Since the late 1990s, there have been scattered sightings of greater sage grouse on ALE, and during 2003 a dead sage grouse was found 20 miles north of the WNP-1/ 4 site.

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

Yes. The Hanford Site and Columbia River drainage is a segment of the Pacific Flyway, a migratory bird route. This area serves as a resting area for various migratory birds, waterfowl, and shorebirds.

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

Ongoing site reuse activities are not expected to require any significant removal of vegetative areas. Additional future restoration activities will remove structures and provide the opportunity to restore much of the developed area to natural conditions, ideal for habitat use.

6. **Energy and natural resources**

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.

None. Energy use has ceased for those facilities not currently in use. Remaining facilities and buildings operated for re-use as the Industrial Development Complex will continue to use electric power.

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

No

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:

None

7. **Environmental health**

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.

During re-use of the site as the Industrial Development Complex, some waste materials will be generated. All waste that cannot be disposed of at Energy Northwest's inert landfill, will be promptly removed from the site and disposed of at an approved location. Hazardous materials will be stored at the site in secured facilities. It is possible small quantities of oil, mechanical fluids, paint, coatings, or solvents could leak from equipment, machinery, or vehicles used at the site.

Future short term health hazards are expected during the final phase of site restoration. Some short term hazards are expected during the conduct of demolition work (toxic fumes from steel cutting, controlled explosions, potentially hazardous residue produced by cleaning, etc.). The completion of the restoration work will eliminate these hazardous.

1) Describe special emergency services that might be required.

None anticipated

2) Proposed measures to reduce or control environmental health hazards, if any:

Robust procedures are in place to inspect, identify, and mitigate any spill from mechanical equipment or waste storage areas while the site is operated as the Industrial Development Complex.

Long term heath hazards will be eliminated with the demolition and removal of the structures during the final phase of the site restoration.

b. **Noise**

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

None which will affect the project

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.

Short term noise impacts are expected to occur during the final site restoration activities. Noise is expected to be generated during the term of the demolition work between the hours of 7 am and 10 pm.

3) Proposed measures to reduce or control noise impacts, if any:

None. Short-term construction noise is exempt during the hours of 7am-10pm (WAC 173-60-050).

8. **Land and shoreline use**

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

Partially completed power plants and their associated facilities currently exist on the subject property. Some of the storage/maintenance facilities are leased to various industrial tenants. Surrounding lands are occupied by the Columbia Generating Station or are undeveloped.

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

No

c. Describe any structures on the site.

Each site has, in varying degrees of completion, a reactor building, reactor auxiliary building, turbine-generator building, electrical switchyard, pumphouses, cooling towers, office and warehouse buildings, storage tanks, and the supporting infrastructure of roads, parking lots, storage yards, and service connections (water, sewer, electricity, firewater).

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

Yes. Most of the structures related to the nuclear projects constructed at these sites will be demolished according to a plan approved by EFSEC. This plan will result in restoration of the sites such that they pose minimal hazards to the public. Because Energy Northwest will retain ownership and control of this site for future energy generation projects, and for current re-use of the existing facilities, some structures and systems useful for that purpose will be retained.

e. What is the current zoning classification of the site?

The site is unclassified by Benton County.

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

The Department of Energy has designated the area as “Industrial” in the Hanford Comprehensive Land-Use Plan.

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

Not Applicable

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

No

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

None

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

None

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

Not Applicable

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

Not Applicable

9. **Housing**

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

Not Applicable

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

Not Applicable

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

Not Applicable

10. **Aesthetics**

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 structure currently located on the site is the reactor building at 235 feet. No new structures are proposed as part of the proposed SCA amendment.

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

None

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

Final restoration activities will improve aesthetics of the site. In addition, Energy Northwest agrees to landscape the project lands within the fenced perimeter in a manner which is compatible with its surroundings. Should any vegetation be disturbed as a direct result of any construction done by Energy Northwest, Energy Northwest agrees to restore vegetation insofar as practicable. This will be done by returning the area, as nearly as possible, to its original topography and topsoil conditions in order to promote revegetation of indigenous plant species.

11. **Light and glare**

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

Use of the site as the Industrial Development Complex requires operating various buildings with electricity during normal business hours.

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

No

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

None

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

None

12. **Recreation**

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

The Columbia River, adjacent to the site, provides recreation opportunities.

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

No

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

None

13. **Historic and cultural preservation**

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

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

Archaeological investigations were conducted for the WNP-1/ 4 prior to construction. The site was surveyed in 1974 and detailed monitoring of the makeup water pumphouse construction was conducted in 1977. Monitoring at the WNP-1/ 4 pumphouse, resulted in the recordation of a multi-component site containing both pre-contact and historic era material. Surface investigations revealed a ceramic Chinese rice bowl fragment. The bowl was assumed to be linked to Chinese placer mining that occurred in the area in the 1860s. Pre-contact materials were discovered during excavation for the makeup water intake pipes. Radiocarbon dating of a piece of sagebrush limb charcoal found in association with a fire hearth, cobble tools, and stone flakes suggested the location was a late pre-contact fishing camp around 1600 AD. Archaeological materials recovered from the WNP-1/4 pumphouse construction are stored in the USDOE Hanford Cultural and Historical Program curation and storage facility.

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

Energy Northwest is implementing procedural controls to assess and consider impacts to potential or existing historical and archaeological sites when planning and performing work activities. Any archaeological findings will be reported to EFSEC during the course of excavation and restoration of the project. Energy Northwest agrees to consult with the Council to arrange for preservation of artifacts and for interpretation of any archaeological site discovered in the course of maintenance and restoration.

14. **Transportation**

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

The site has paved highway access to Hanford Site Route 4.

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

No

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

Not Applicable

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

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

To facilitate final restoration activities, use of all common transportation modes is anticipated for the removal of equipment or salvage during the demolition period. Following completion of the project, no transportation will be necessary.

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

During operation as the Industrial Development Complex, travel to and from the site is estimated at 160 trips per day. Following final site restoration activities, the completed project should generate no vehicular traffic.

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

None

15. **Public services**

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. Proposed measures to reduce or control direct impacts on public services, if any.

None

16. **Utilities**

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

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.

The proposal will require no additional utilities that are not already available.

C. SIGNATURE

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.

Signature: .....

Date Submitted: .....

D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS

(do not use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

Proposed measures to avoid or reduce such increases are:

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

3. How would the proposal be likely to deplete energy or natural resources?

Proposed measures to protect or conserve energy and natural resources are:

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

Proposed measures to protect such resources or to avoid or reduce impacts are:

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

Proposed measures to avoid or reduce shoreline and land use impacts are:

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

Proposed measures to reduce or respond to such demand(s) are:

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.