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STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

Mail Stop PV-11 • Olympia, Washington 98504-8711 • (206) 459-6000



November 15, 1993

Dear Interested Citizen:

Enclosed for your review and comment is a Determination of Nonsignificance and Environmental Checklist prepared under the State Environmental Policy Act (SEPA) on the 200 Area Treated Effluent Disposal Facility (Project W-049H). A SEPA determination is used by the lead regulatory agency to decide whether a proposed action will have significant or nonsignificant adverse environmental impacts.

The facility will collect effluent from several sources in the 200 Area of the Hanford Site. All of the sources meet state requirements for discharge through techniques such as source controls, in-plant treatment, and/or retention/diversion. The collected effluent will be discharged to two five-acre ponds near the 200 East Area.

In accordance with SEPA, Ecology is accepting comments on this determination until November 30, 1993. Please address any comments to:

Geoff Tallent
Nuclear and Mixed Waste Management Program
Department of Ecology
P.O. Box 47600
Olympia, Washington 98504-7600

For more information, or to request copies of any supporting documents, please contact Geoff Tallent at (206) 407-7112, or call Hanford Cleanup toll-free at 1-800-321-2008.

Thank you for your interest in this matter.

Sincerely,

[Handwritten signature]

for
Dru Butler
Program Manager
Nuclear and Mixed Waste Management

DB/GT:md
Enclosures (2)

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R. H. ENGELMAN

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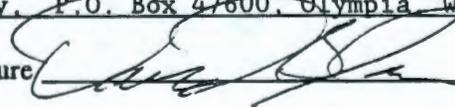


DETERMINATION OF NONSIGNIFICANCE

Description of proposal Permitting of the 200 Area Treated Effluent Disposal Facility (Project W-049H) at the Hanford Site. The facility will collect effluent which meets state discharge requirements from several sources in the 200 Area and dispose of the effluent in two five-acre ponds near the 200 East Area.
Proponent U.S. Department of Energy and Westinghouse Hanford Co.
Location of proposal, including street address if any The facility will be located in and near the 200 East and West Areas of the Hanford Site. The 200 Areas are approximately 30 miles northwest of the City of Richland, Washington.
Lead agency Department of Ecology, Nuclear and Mixed Waste Management Program

The lead agency for this proposal has determined that it does not have a probable significant impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public on request.

- There is no comment period for this DNS.
- This DNS is issued under WAC 197-11-340(2); the lead agency will not act on this proposal for 15 days from the date below. Comments must be submitted by November 30, 1993.

Responsible official Dru Butler
Position/title Program Manager, Nuclear and Mixed Waste Management
Address Department of Ecology, P.O. Box 47600, Olympia Washington 98504-7600
Date 11/15/1993 Signature 

The following information is incorporated by reference into this DNS under WAC 197-11-635 and, upon request to the address above, is available for review during the comment period:

Document: Hanford Site National Environmental Policy Act Characterization (PNL-6415) Rev. 4

Relevant Content: The NEPA Characterization, referenced in the checklist, describes the Hanford Site environment including animal and plant species and historical sites.

Document: 200 Area Treated Effluent Disposal (Project W-049H) Waste Water Engineering Report (WHC-SD-W049H-ER-003)

Relevant Content: The Engineering Report contains more detailed information about the wastewater streams, the treatment applied to the wastewater, the collection system and the disposal system.

STATE ENVIRONMENTAL POLICY ACT
ENVIRONMENTAL CHECKLIST

FOR

PROJECT W-049H, 200 Area Treated Effluent Disposal Facility
HANFORD SITE, RICHLAND, WASHINGTON
REVISION 0

October 1993

WASHINGTON ADMINISTRATIVE CODE
ENVIRONMENTAL CHECKLIST FORMS
[WAC 197-11-960]

A. BACKGROUND

1. Name of proposed project if applicable:

Permitting of the 200 Area Treated Effluent Disposal Facility (Project W-049H) at the Hanford Site. This *State Environmental Policy Act* (SEPA) of 1971 Checklist is being submitted in advance of the State Waste Discharge Permit application for operation of the treatment facility. Within this checklist, "site" refers to the 200 Area Treated Effluent Disposal Facility and "Hanford Site" refers to the entire Hanford Reservation.

2. Name of applicants:

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

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

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

Contact Persons:

James D. Bauer, Acting Program Manager
Office of Environmental Assurance,
Permits, and Policy
(509) 376-5441

4. Date checklist prepared:

September 1993

5. Agency requesting the checklist:

Washington State
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

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

Construction of the Project W-049H facility commenced in 1993 with construction completion scheduled for late 1994. Operation of the treatment facility is addressed in the *Hanford Federal Facility Agreement and Consent Order*. Operation is scheduled to begin June 1995.

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

Yes, the design of the facility provides for the capability to dispose of additional wastestreams in the future. Present plans include the disposal of Phase II wastestreams identified in the Hanford Federal Facility Agreement and Consent Order to be completed.

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

The approved environmental assessment, *Hanford Environmental Compliance Project, Hanford Site, Richland Washington*, DOE/EA-0383, analyzes the environmental effects of Project W-049H.

Project W-049H is identified in the *Hanford Federal Facility Agreement and Consent Order*, 2 vols., Washington State Department of Ecology, U.S. Environmental Protection Agency, U.S. Department of Energy.

Environmental information on the Hanford Site, in general, can be found in the following references: (1) *Final Environmental Impact Statement - Disposal of Hanford Defense High-Level, Transuranic and Tank Wastes*, DOE/EIS-0113 (U.S. Department of Energy, 1987, Richland, Washington), (2) *Hanford Site National Environmental Policy Act (NEPA) Characterization*, PNL6415 Rev. 5 (Revision 5, Pacific Northwest Laboratory, 1992, Richland, Washington).

Information on the surveys for endangered or threatened plants and animals and the cultural resources review can be found in the *Site Evaluation Report, Site Screening, Evaluation, and Selection*, WHC-SD-W049H-SE-004, (Revision 1, Westinghouse Hanford Company, 1993).

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

Yes. The Hanford Site currently has submitted a Hanford Facility Dangerous Waste Permit Application.

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

This Checklist is being submitted in advance of the Washington State Waste Discharge Permit (SWDP) administered by the State of Washington Department of Ecology (Washington Administrative Code [WAC] 173-216), which will be required for Project W-049H.

11. Give a brief, complete description of your proposal, including the proposed uses and the size of the project and site.

The proposed action is to construct and operate a facility to collect and dispose of treated liquid effluents from the 200 Areas. Best Available Technology (BAT) will be applied to each effluent stream prior to collection by Project W-049H. Each discharged effluent will be a low level waste stream which would meet release limit requirements established by the Washington State Department of Ecology for disposal to the soil column near the 200 E Area. Off-specification effluents would be transported to the proposed treatment facility constructed under Subproject C-018H.

The Project W-049H pipeline and disposal site, to be located in and near the 200 East and West Areas, would provide for the collection, sampling, and disposal of the liquid effluents after application of BAT. Installation of the new systems would be designed to prevent interruption of the existing operation of the facilities, to the extent practical.

Effluent flows from the 200 East Area and the 200 West Area would be collected and transported to two 5-acre seepage ponds utilizing gravity flow systems whenever practical. Two lift-stations are planned for installation to supplement the gravity collection system. The treated water would be sampled prior to release.

The land disposal system near the 200 area would consist of two 5-acre seepage ponds, liquid-level gauge wells, and groundwater monitoring wells. The precise location of the system has been determined by the site selection process. The design percolation rate has been established by site testing and/or evaluation of disposal site soil characteristics. The design of the disposal system includes, at a minimum, security fences according to plant standards, necessary piping and pumping stations, redundant composite samplers, stabilization of all disturbed areas, and environmental monitoring systems/stations as required by permit.

Approximate total, maximum processing rate anticipated for the treatment system is 2,500 gallons per minute.

12. Give the location of the proposal. Give sufficient information for a person to understand the precise location of the 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.

The Hanford Site is an approximately 560 square mile (1450 square kilometers) area in southeastern Washington State. A map of the Hanford Site is attached (Appendix A) showing the location of Project W-049H.

B. ENVIRONMENTAL ELEMENTS

1. Earth

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

The terrain of the central and eastern portions of the Hanford Site is relatively flat. Project W-049H will be located in and around the 200 Areas which is a flat portion of the facility. Detailed descriptions of the individual site can be found in the Permit Application. A more detailed description of the Hanford Site can be found in the report *Hanford Site National Environmental Policy Act (NEPA) Characterization*, PNL-6415 Rev. 5 (Revision 5, Pacific Northwest Laboratory, 1992, Richland, Washington).

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

The approximate slope of the land used by Project W-049H is less than two percent.

- 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.

The soil at the Project W-049H site consists primarily of silty, sandy gravel. No farming is permitted on or near the project site.

- 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 the source of the fill.

Excavation and trenching will be required for the construction of Project W-049H including that required to construct the pipeline and the land disposal unit.

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

Erosion due to wind and/or precipitation could possibly occur in areas on and directly surrounding Project W-049H during construction.

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

Less than 10% of the Project W-049H treatment facility site will be affected by impervious surfaces. Less than 1% of the land disposal site will be affected by impervious surfaces.

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

To control the amount of dust generated by construction activities, water trucks will periodically spray disturbed areas.

2. 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.

Small amounts of exhaust emissions will be generated by construction equipment and vehicles used by building personnel to gain access to the site. Some dust will be generated during construction activities.

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

No.

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

To control the amount of dust generated by construction activities, water trucks will be available to periodically spray affected areas. The collection and disposal facility will use appropriate air monitoring and sampling equipment to ensure that air emissions remain within applicable regulatory limits and guidelines at all times.

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.

No.

- 2) Will the project require any work over, in, or adjacent to [within 200 feet (61 meters) of] the described waters? If yes, please describe and attach available plans.

No.

- 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.

- 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.

No.

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.

Treated effluent would be discharged to the soil column and would reach the ground water, as described in the answer to question 3.b.2. The effluents to be collected are presently discharged to the soil at sites with pre-existing contamination.

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Project W-049H would collect those treated effluents and discharge them to the soil at a new uncontaminated site.

- 2) Describe waste materials that will be discharged into the ground from septic waste 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.

The effluent streams would be treated to meet release limits based upon State of Washington Waste Discharge Permit program (WAC 173-216) prior to collection by W-049H. Approximate total, maximum discharge rate anticipated for the system is 2,500 gallons per minute.

c. Water run-off (including storm water):

- 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.

Precipitation run-off will occur. However, due to the small amount of precipitation that normally falls in the area, the amount of precipitation run-off is expected to be small and no special collection system will be necessary. The runoff water will seep into the ground.

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

Yes. The treated waste liquid effluents will be disposed to the soil column via two 5-acre ponds.

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

The design of the disposal system includes two 5-acre disposal ponds.

4. Plants

a. Check 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

The vegetation on the site consist of sagebrush, forbs, and other common central Washington desert plant species. A more detailed description of the Hanford Site can be found in *Hanford Site National Environmental Policy Act (NEPA) Characterization*, PNL-6415 Rev. 5 (Revision 5, Pacific Northwest Laboratory, 1992, Richland, Washington).

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

Grasses, shrubs, and forbs will be removed from the collection and transfer pipeline right-of-ways and from the disposal pond sites during construction.

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

No threatened or endangered plant species are known to depend on habitat unique to the Project W-049H site. Additional information can be found in *Hanford Site National Environmental Policy Act (NEPA) Characterization*, PNL-6415 Rev. 5 (Revision 5, Pacific Northwest Laboratory, 1992, Richland, Washington). A survey for endangered, threatened, and state sensitive plant species was performed along the proposed drain line pathway and at the proposed disposal site can be found in the *Site Evaluation Report, Site Screening, Evaluation, and Selection*, WHC-SD-W049H-SE-004, (Revision 1, Westinghouse Hanford Company, 1993).

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

Disturbed areas will be stabilized where ever possible.

5. Animals

- 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: hawk, heron, eagle, songbirds, other
mammals: deer, bear, elk, beaver, other
fish: bass, salmon, trout, herring, shellfish, other

A variety of insects, birds, and mammals have been observed on the Hanford Site, including pigeons, passerine birds, and rodents. Larger mammals commonly seen in the vicinity include deer and coyote. Additional information on birds and animals on the Hanford Site can be found in *Hanford Site National Environmental Policy Act (NEPA) Characterization*, PNL-6415 Rev. 5 (Revision 5, Pacific Northwest Laboratory, 1992, Richland, Washington). A survey for endangered and threatened animal species was performed along the pathway of the drain line and at the proposed disposal site. This survey can be found in the *Site Evaluation Report, Site Screening, Evaluation, and Selection*, WHC-SD-W049H-SE-004, (Revision 1, Westinghouse Hanford Company, 1993).

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

No threatened or endangered animal species are known to depend on habitat unique to the Project W-049H site. A survey for endangered, threatened and state sensitive animal species was performed along the pathway of the drain line and at the proposed disposal site. This survey can be found in the *Site Evaluation Report, Site Screening, Evaluation, and Selection*, WHC-SD-W049H-SE-004, (Revision 1, Westinghouse Hanford Company, 1993).

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

Yes. The nearby Columbia River is part of the broad Pacific Flyway for waterfowl migration and other birds also migrate along the river.

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

None.

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.

Diesel fuel, gasoline, oil, and electrical power will be used to operate construction and operation equipment, to power building ventilation and lighting systems, and to provide heating.

- 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:

Energy conservation guidelines outlined in the U.S. Department of Energy Order 6430.1A, "General Design Criteria," will be incorporated in the design.

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.

Yes. Review part 2 of this question for further details.

- 1) Describe special emergency services that might be required.

Hanford Site security, fire response, ambulance services, and an emergency communications and response system are on call 24 hours a day, 7 days a week, in the event of an onsite emergency.

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

The effluent streams will not be hazardous waste but may contain very low levels of radionuclides. The system will be designed to minimize any contact with the effluents.

b. Noise

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

None.

- 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.

Construction of Project W-049H will increase noise levels in the immediate vicinity of the site. The primary sources of noise will be heavy equipment during the construction. This increased noise will be temporary and the remote location of the project will prevent any detectable increase in noise levels off the Hanford Site.

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

Construction equipment will meet manufacturer's requirements for noise suppression.

8. Land and Shoreline Use

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

Project W-049H is a part of the U.S. Government-owned Hanford Site, which is used for the management of waste associated with the cleanup from past and/or present production of special nuclear materials and for energy research. Commercial activities on the Hanford Site include a nuclear power plant and a State of Washington administered low-level burial area operated by U.S. Ecology.

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

No portion of the Hanford Site, including the site of the proposed action, has been used for agriculture purposes since 1943.

- c. Describe any structures on the site.

No structures currently exist on the site of Project W-049H.

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

No.

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

The Hanford Site is zoned by Benton County as an Unclassified Use (U) district.

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

The 1985 Benton County Comprehensive Land Use Plan designates the Hanford Site as the "Hanford Reservation". Under this designation, land on the Hanford Site may be used for "activities nuclear in nature." Nonnuclear activities are authorized "if and when DOE approval for such activities is obtained."

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

Does not apply.

- 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?

As part of the 200 Area Effluent Treatment Facility (Project C-018H) staffing, approximately ten people will support operation and maintenance of Project W-049H.

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

None.

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

Does not apply.

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

Does not apply.

9. Housing

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

None.

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

None.

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

Does not apply.

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 pump stations for Project W-049H would be pre-engineered metal buildings which will not exceed 17 feet in height.

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

None.

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

None.

11. Light and Glare

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

Lights will be installed at pumphouses and sample stations. Lighting will be at night time from dusk until dawn

- 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:

Does not apply.

12. Recreation

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

None.

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

Does not apply.

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

Does not apply.

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.

Project W-049H, including the pipeline to the land disposal site, would not impact any historic places or objects. A cultural resources review has been performed along the drain line pathway and at the proposed disposal site. This review can be found in the *Site Evaluation Report, Site Screening, Evaluation, and Selection*, WHC-SD-W049H-SE-004, (Revision 1, Westinghouse Hanford Company, 1993).

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

The pipeline from the treatment facility to the land disposal site will not pass near any culturally significant sites. A cultural resources review has been performed along the drain line pathway and at the proposed disposal site. This review can be found in the *Site Evaluation Report, Site Screening, Evaluation, and Selection*, WHC-SD-W049H-SE-004, (Revision 1, Westinghouse Hanford Company, 1993).

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

Not Applicable.

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.

See the attached map.

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

Project W-049H is not served by public transit.

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

None.

- 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).

Access roads to the land disposal site and the facility will be installed. The roads will not be publicly accessible.

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

No.

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

Approximately ten vehicular trips per day for operational and maintenance purposes.

- 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:

Does not apply.

16. Utilities

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

Currently electricity, telephone, and water utilities are available near the Project W-049H site.

- 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 will be extended to Project W-049H.

SIGNATURES

These 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.

Robert D. Holt/Son

James D. Bauer, Program Manager
Office of Environmental Assurance,
Permits, and Policy
U.S. Department of Energy
Richland Field Office

Date 11/08/93

CORRESPONDENCE DISTRIBUTION COVERSHEET

Author

Addressee

Correspondence No.

Dru Butler, Ecology

Interested Citizen

Incoming: 9308816

Subject: DETERMINATION OF NONSIGNIFICANCE AND ENVIRONMENTAL CHECKLIST

INTERNAL DISTRIBUTION

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		R. H. Engelmann	H6-26	X
		G. W. Jackson, Assignee	H6-21	
		P. J. Mackey	B3-15	
		H. E. McGuire, Level I	B3-63	
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		EPIC (NEPA Files)	H6-08	X



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