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FORM 1

State of Washington
Department of Ecology



WASHINGTON STATE

DANGEROUS WASTE PERMIT GENERAL INFORMATION

L. EPA/STATE LD. NUMBER

WA7090008967

(Read "Form 1 Instructions" before starting)

II. NAME OF FACILITY

U.S. DEPARTMENT OF ENERGY - HANFORD SITE

III. FACILITY CONTACT

A. NAME & TITLE (incl. prev. & pres.)

B. PHONE (area code & no.)

LAWRENCE, MICHAEL J., MANAGER

509 376 7395

IV. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX

P.O. BOX 550

B. CITY OR TOWN

RICHLAND

C. STATE

WA

B. ZIP CODE

99352

V. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER

HANFORD SITE

B. COUNTY NAME

NTON

C. CITY OR TOWN

RICHLAND

B. STATE

WA

B. ZIP CODE

99352

F. COUNTY CODE (if known)

005

VI. SIC CODES (4-digit, in order of priority)

A. FIRST

9711 NATIONAL SECURITY

B. SECOND

8922 NUCLEAR NONCOMMERCIAL DEVELOPMENT AND EDUCATION

C. THIRD

9611 ADMINISTRATION AND GENERAL ECONOMICS PROGRAM

D. FOURTH

4911 STEAM-ELECTRIC GENERATION

VII. OPERATOR INFORMATION

A. NAME

(DOE-RL)

DEPARTMENT OF ENERGY - RICHLAND OPERATIONS
WESTINGHOUSE HANFORD COMPANY (WHC)

B. Is the name listed in Item VI-A also the owner?
 YES NO

**

C. STATUS OF OPERATOR (Enter the appropriate letter into the correct box; if "Other", specify.)

F FEDERAL
S STATE
P PRIVATE
M PUBLIC (other than federal or state)
O OTHER (specify)

F

B. PHONE (area code & no.)

509 376 7395

E. STREET OR P.O. BOX

PO BOX 550 / PO BOX 1970

509 376 7803

F. CITY OR TOWN

RICHLAND

G. STATE

WA

H. ZIP CODE

99352

VII. INDIAN LAND

Is the facility located on Indian land?
 YES NO

**DOE-RL: OWNER/CO-OPERATOR; WHC: CO-OPERATOR FOR CERTAIN UNITS ON THE HANFORD SITE. COMPLETE BACK PAGE



IX. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

X. NATURE OF BUSINESS (provide a brief description)

- o NATIONAL DEFENSE NUCLEAR MATERIAL PRODUCTION
 - o ENERGY RESEARCH AND TECHNOLOGY DEVELOPMENT
 - o DEFENSE NUCLEAR WASTE MANAGEMENT
 - o BYPRODUCT STEAM, SOLD FOR ELECTRIC POWER GENERATION
- AND SIC 15: BUILDING CONSTRUCTION - GENERAL CONTRACTORS AND OPERATIVE BUILDERS

XI. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (Type or Print)

B. SIGNATURE

C. DATE SIGNED

SEE ATTACHMENT

FORM 1

DANGEROUS WASTE PERMIT GENERAL INFORMATION

XI. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Michael J. Lawrence
Michael J. Lawrence
Manager, Richland Operations
United States Department of Energy

5-19-88
Date

W. M. Jacobi
William M. Jacobi
President
Westinghouse Hanford Company
Co-operator

5/13/88
Date

1 **6.2.3 Return Land to the Appearance and Use of Surrounding Land**
2

3 In accordance with WAC 173-303-610(2)(a)(iii), the owner or operator of a
4 TSD unit is required to close the unit in a manner that returns the land to
5 the appearance and use of surrounding land areas to the degree possible given
6 the nature of the previous dangerous waste activity.
7

8 When closure of the Ash Pit Demolition Site is accomplished, the
9 site will be returned to the appearance and continued use of the
10 surrounding 200 West Area Ash Pit.
11

12
13 **6.3 OVERVIEW OF CLOSURE ACTIVITIES**
14

15 The activities presented in this section are divided into planning
16 activities and physical activities.
17

18
19 **6.3.1 Planning Activities**
20

21 The DQO planning process was used to ensure that the performance
22 standards are met to the satisfaction of all parties involved. This DQO
23 process provided the framework for the SAP and defined the data needs and
24 uses. The SAP provides the documentation of agreement and decisions regarding
25 establishing and meeting the action levels for the Ash Pit Demolition Site
26 closure (Appendix 7C.)
27

28
29 **6.3.2 Physical Activities**
30

31 The general closure activities are as follows.
32

- 33 • Perform radiological survey (Completed 5/92).
- 34
- 35 • Collect soiled samples from within the Ash Pit Demolition Site.
36 Sample locations and collection methods are discussed in Chapter 7.0,
37 Section 7.2.3, and SAP (Appendix 7C) (Completed 6/94).
- 38
- 39 • Analyze samples in accordance with EPA-approved procedures and
40 evaluate results. Samples will be analyzed in an offsite laboratory
41 capable of performing to EPA Analytical level III standards.
42
- 43 • Compare analytical results to action levels to determine the extent
44 of contamination and to determine the presence or absence of
45 contaminants.
46
- 47 • If contamination levels for all constituents of concern are below
48 their action levels, the Ash Pit Demolition Site will be clean closed.
49
- 50 • If contamination at the Ash Pit Demolition Site is above the action
51 level, a phase two investigation will be developed. The phase two

1 investigation will be developed in a subsequent DQO negotiation
2 process with all parties involved.
3

4 All equipment used in performing closure activities will be
5 decontaminated or disposed at a RCRA-compliant facility.
6

7 Closure activities will be monitored by an independent registered
8 professional engineer who will certify that closure activities were
9 accomplished in accordance with the specifications of the approved closure
10 plan.