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STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

3100 Port of Benton Blvd • Richland, WA 99352 • (509) 372-7950

February 6, 2006

Mr. Roy J. Schepens, Manager  
Office of River Protection  
United States Department of Energy  
P.O. Box 450, MSIN: H6-60  
Richland, Washington 99354

RECEIVED  
FEB 27 2006

EDMC

Mr. Keith A. Klein, Manager  
United States Department of Energy  
Richland Operations Office  
P.O. Box 550, MSIN: A7-50  
Richland, Washington 99352

Dear Mr. Schepens and Mr. Klein:

Re: Transmittal of the *Hanford Facility Dangerous Waste Part A Permit Application for the Immobilized High Level Waste (IHLW) Interim Storage Unit, Revision 1*

The Department of Ecology has received and reviewed the *Hanford Facility Dangerous Waste Part A Permit Application for Revision 1 of the IHLW Interim Storage Unit*. The permit application for Revision 1 was approved on July 18, 2003.

The United States Department of Energy and contracting staff are encouraged to discuss proposed changes with Ecology's Unit Managers to clarify any questions or concerns.

If you have any questions, contact me at (509) 372-7894.

Sincerely,

Greta P. Davis  
Sitewide Permit Coordinator  
Nuclear Waste Program

GD:pll

Enclosure  
cc: See next page



Mr. Roy J. Schepens and Mr. Keith A. Klein  
February 6, 2006  
Page 2

cc: Nick Ceto, EPA  
Lori Huffman, USDOE-ORP  
Ted Wooley, USDOE-ORP  
Tony McKarns, USDOE-RL  
Suzette Thompson, FH  
Ro Vinson, PAC  
Stuart Harris, CTUIR  
Gabriel Bohnee, NPT  
Russell Jim, YN  
Todd Martin, HAB  
Ken Niles, ODOE  
Environmental Portal  
Administrative Record

Mr. Roy J. Schepens and Mr. Keith A. Klein  
February 6, 2006

bcc/electronic:

Suzanne Dahl, Ecology  
Greta Davis, Ecology  
Bud Derrick, Ecology  
Ron Skinnarland, Ecology

bcc: NWP Central File: IHLW  
NWP Reader File  
Part A Manual  
Administrative Record

<b>FORM 3</b>	<b>DANGEROUS WASTE PERMIT APPLICATION</b>	I. EPA/State I.D. No.
		W A 7 8 9 0 0 0 8 9 6 7

**FOR OFFICIAL USE ONLY**

Application Approved	Date Received (month/ day / year)	Comments
		<i>Approved 7/18/03</i>

*Reviewed & Permitted*

**II. FIRST OR REVISED APPLICATION**

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA/STATE I.D. Number, or If this is a revised application, enter your facility's EPA/STATE I.D. Number in Section I above.

**A. First Application** (place an "X" below and provide the appropriate date)

<input type="checkbox"/> <b>1. Existing Facility</b> (See instructions for definition of "existing" facility. Complete item below.)	<input type="checkbox"/> <b>2. New Facility</b> (Complete item below.)
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<table border="1" style="width:100%; border-collapse: collapse;"> <tr><th>MO</th><th>DAY</th><th>YEAR</th></tr> <tr><td>03</td><td>22</td><td>1943</td></tr> </table>	MO	DAY	YEAR	03	22	1943	<p>*For existing facilities, provide the date (mo/day/yr) operation began or the date construction commenced. (use the boxes to the left)</p> <p>*The date construction of the Hanford Facility commenced</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><th>MO</th><th>DAY</th><th>YEAR</th></tr> <tr><td> </td><td> </td><td> </td></tr> </table> <p>For new facilities, provide the date (mo/day/yr) operation began or is expected to begin</p>	MO	DAY	YEAR			
MO	DAY	YEAR												
03	22	1943												
MO	DAY	YEAR												

**B. Revised Application** (Place an "X" below and complete Section I above)

<input checked="" type="checkbox"/> <b>1. Facility has an interim Status Permit</b>	<input checked="" type="checkbox"/> <b>2. Facility has a Final Permit</b>
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**III. PROCESSES - CODES AND DESIGN CAPACITIES**

**A. Process Code** - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the codes(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the (Section III-C).

**B. Process Design Capacity** - For each code entered in column A enter the capacity of the process.

- Amount - Enter the amount.
- Unit of Measure - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
<b>STORAGE:</b>		
Container (barrel, drum, etc.)	S01	Gallons or liters
Tank	S02	Gallons or liters
Waste pile	S03	Cubic yards or cubic meters
Surface impoundment	S04	Gallons or liters
	S06	Cubic yards or cubic meters*
<b>DISPOSAL:</b>		
Injection well	D80	Gallons or liters
Landfill	D81	Acre-feet (the volume that would cover one acre to a Depth of one foot) or hectare-meter
Land application	D82	Acres or hectares
Ocean disposal	D83	Gallons per day or liters per day
Surface impoundment	D84	Gallons or liters
<b>TREATMENT:</b>		
Tank	T01	Gallons per day or liters per day
Surface impoundment	T02	Gallons per day or liters per day
Incinerator	T03	Tons per hour or metric tons per hour; gallons per hour or liters per hour
Other (use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Section III-C.)	T04	Gallons per day or liters per day

Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code
Gallons	G	Liters Per Day	V	Acre-Feet	A
Liters	L	Tons Per Hour	D	Hectare-Meter	F
Cubic Yards	Y	Metric Tons Per Hour	W	Acres	B
Cubic Meters	C	Gallons Per Hour	E	Hectares	Q
Gallons Per Day	U	Liters Per Hour	H		