

FORM 3	DANGEROUS WASTE PERMIT APPLICATION	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
	09-10-02 07/21/02	FLS Demanded by State Dept/Health Dept - 07/24/02 FLS
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"/> 1. Existing Facility (See instructions for definition of "existing" facility. Complete item below.)		<input type="checkbox"/> 2. New Facility (Complete item below.)
MO	DAY	YEAR
03	22	1943
*For existing facilities, provide the date (mo/day/yr) operation began or the date construction commenced. (use the boxes to the left) *The date construction of the Hanford Facility commenced		
<input checked="" type="checkbox"/> 1. Facility has an Interim Status Permit		<input checked="" type="checkbox"/> 2. Facility has a Final Permit
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.		
1. Amount - Enter the amount. 2. 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
STORAGE:		
Container (barrel, drum, etc.)		S01
Tank		S02
Waste pile		S03
Surface impoundment		S04
		S06
DISPOSAL:		
Injection well		D80
Landfill		D81
Land application		D82
Ocean disposal		D83
Surface impoundment		D84
TREATMENT:		
Tank		T01
Surface impoundment		T02
Incinerator		T03
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
Unit of Measure	Unit of Measure Code	Unit of Measure
Gallons	G	Unit of Measure Code
Liters	L	Acre-Feet..... A
Cubic Yards	Y	Hectare-Meter..... F
Cubic Meters	C	Acres..... B
Gallons Per Day	U	Hectares..... Q
		Liters Per Day..... V
		Tons Per Hour..... D
		Metric Tons Per Hour..... W
		Gallons Per Hour..... E
		Liters Per Hour..... H

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REGULATORY INFORMATION

Author
F. Jamison/DOEC

Addressee
J. B. Hebdon/RL

Correspondence No.
0204244

CC Recd: 09/16/2002

Subject: PATH FORWARD FOR 600 AREA PURGEWATER STORAGE AND TREATMENT FACILITY

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REGULATORY INFORMATION

Author
F. Jamison/DOEC

Addressee
J. B. Hebdon/RL

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Correspondence No.
0204244

CC Recd: 09/16/2002

Subject: **PATH FORWARD FOR 600 AREA PURGEWATER STORAGE AND TREATMENT FACILITY**

DISTRIBUTION

Approval	Date	Name	Location	w/att
		<u>U. S. Department of Energy, Richland Operations Office</u>		
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		H. M. Rodriguez	A5-15	
		S. D. Stubblebine	H6-60	
		K. M. Thompson	A5-13	
		B. D. Williamson	A4-52	

Mary



0204244
CC Recd: 09/16/2002

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

1315 W. 4th Avenue • Kennewick, Washington 99336-6018 • (509) 735-7581

September 10, 2002

Mr. Joel Hebdon, Director
Regulatory Compliance and Analysis Division
Richland Operations Office
United States Department of Energy
P.O. Box 550, MSIN: A5-58
Richland, Washington 99352

Dear Mr. Hebdon:

Re: Path Forward for 600 Area Purgewater Storage and Treatment Facility

The Washington State Department of Ecology (Ecology) has received and reviewed the United States Department of Energy's (USDOE) Notice of Appeal regarding Ecology's permitting decisions on the 600 Area Purgewater Storage and Treatment Facility.

This letter is to notify USDOE that Ecology hereby rescinds the August 2, 2002, letter citing the violation of Washington Administrative Code 173-303-805(7)(a)(i). This letter also serves to modify Ecology's letter of July 24, 2002, by rescinding Ecology's denial of USDOE's request to modify the Part A Form 3 to include the D007 waste code.

Ecology will continue to work with USDOE to achieve closure for this unit. Ecology's decision to not deny USDOE's request to modify the Part A Form 3 was based on unique circumstances relating to the 600 Area Purgewater Storage and Treatment Facility, and does not create any precedent for future revisions to the Part A for this or other Hanford facilities. Ecology is developing policy with regard to administration of Part As at Hanford and will share that information with USDOE once it is available.

If you have any questions about this letter, please contact me at (509) 736-3022.

Sincerely,

Fred Jamison
Waste Management Project Manager
Nuclear Waste Program

LR:lkd
cc: See page 2



Mr. Joel Hebdon
September 10, 2002
Page 2

cc: Rami Hanash, BHI
Donna Yasek, BHI
Richard Engelmann, DFSH
Richard Gurske, DFSH
Leland Willis, DFSH
Steve Cherry, FH
Jennifer Curtis, FH
Rick Gay, CTUIR
Pat Sobotta, NPT
Russell Jim, YN
Ken Niles, OOE
Todd Martin, HAB
Joe Shorin, WAG
Environmental Portal, LMSI
Administrative Record



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

1315 W. 4th Avenue • Kennewick, Washington 99336-6018 • (509) 735-7581

July 24, 2002

Mr. Joel Hebdon, Director
Regulatory Compliance and Analysis Division
Department of Energy, Richland Operations Office
P.O. Box 550, MSIN: A5-58
Richland, Washington 99352

Dear Mr. Hebdon:

- Re: (1) Letter, Joel Hebdon, USDOE, to Michael Wilson, Ecology, "Transfer of Hanford Facility Dangerous Waste Part A Permit Application, Form 3s for Plutonium-Uranium Extraction (PUREX) Plant and B Plant Complex in Support of Contract Transition (TSD: TS-2-6 and TS-2-3), dated June 3, 2002 (02-RCA-0311)
- (2) Letter, Joel Hebdon, USDOE, to Michael Wilson, Ecology, "Transfer of Hanford Facility Dangerous Waste Part A Permit Application, Form 3s for Certification in Support of Contract Transition for Central Plateau," dated July 1, 2002 (02-RCA-0385)
- (3) Letter, Laura Ruud, Ecology, to Joel Hebdon, USDOE, "Dangerous Waste Permit Application Part A, Form 3, Revision 4, for the 600 Area Purgewater Storage and Treatment Facility," dated April 30, 2002.

The Washington State Department of Ecology (Ecology) has received and reviewed the United States Department of Energy's (USDOE) request to revise the Part As submitted with the above-referenced letters. Ecology approves all of the proposed Part A revisions, except for the 600 Area Purgewater Storage and Treatment Facility, Revision 5. Ecology is denying USDOE's request to revise the Part A for the 600 Area Purgewater Storage and Treatment Facility, because the criteria that allow for changes while operating under interim status standards were not met pursuant to WAC 173-303-805(7). Specifically, the D007 waste code must be removed in order for Ecology to approve this Part A. (Reference 3, above)

Ecology is currently working with USDOE and contractors to develop an acceptable path forward for the future operation and/or closure of the 600 Area Purgewater Storage and Treatment Facility, including alternative locations for storing and/or treating the purgewater waste stream.



Mr. Joel Hebdon
July 24, 2002
Page 2

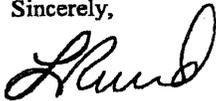
The following revisions are hereby approved. The cover pages to the Part As indicating approval are enclosed.

PUREX Plant, Rev. 10 B Plant Complex, Rev. 9 216-U-12 Crib, Rev.4* 216-S-10 Pond and Ditch, Rev.4 216-A-37-1 Crib, Rev.3* 216-B-63 Trench, Rev. 6 216-A-10 Crib, Rev. 4* 216-A-29 Ditch, Rev. 4	216-A-36B Crib, Rev.2* 216-B-3 Main Pond, Rev. 7* Facility Nonradioactive Dangerous Waste Landfill, Rev. 5* Hexone Storage and Treatment Facility, Rev. 4* 241-CX Tank System, Rev. 4*
--	---

*By virtue of approving the revisions to the Part A, Form 3 Permit Applications noted above, Ecology hereby denies any previous pending revisions for these units.

If you have any questions regarding this letter, please contact me at (509) 736-5715 or Jean Vanni at (509) 736-3046.

Sincerely,



Laura Ruud
RCRA Permitting Specialist
Nuclear Waste Program

LR:JV:nc
Enclosure

cc: Donna M. Yasek, BHI
Richard H. Engelmann, DFSH
Richard H. Gurske, DFSH
Norman C. Boyter, FH
Glen B. Chronister, FH
Greg J. LeBaron, FH
Joel F. Williams Jr., FH
Rick Gay, CTUIR
Russell Jim, YN
Pat Sobotta, NPT
Environmental Portal, LMSI

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		W A 7 8 9 0 0 0 8 9 8 7

FOR OFFICIAL USE ONLY

Application Approved	Date Received (month/ day / year)	09-10-02 P.L.S. T.A.C. [Signature]
	07/27/02	Permitted by State Dept of Ecology 07/24/02 P.L.S.

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*The date construction of the Hanford Facility commenced

2. New Facility (Complete item below.)

MO	DAY	YEAR

For new facilities, provide the date (mo/day/yr) operation began or is expected to begin

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

1. Facility has an Interim Status Permit

2. Facility has a Final Permit

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).

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Surface impoundment	S04	Gallons or liters
	S06	Cubic yards or cubic meters*
DISPOSAL:		
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
TREATMENT:		
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
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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		