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STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

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

May 7, 1998

James E. Rasmussen  
U.S. Department of Energy  
P.O. Box 550, MSIN: A5-15  
Richland, WA 99352

Richard S. Watkins  
Pacific Northwest National Laboratory  
P.O. Box 999, MSIN: P7-75  
Richland, WA 99352

William D. Adair  
Fluor Daniel Hanford, Inc.  
P.O. Box 1000  
Richland, WA 99352



Dear Messrs. Rasmussen, Watkins, and Adair:

Re: Approval of Quarterly Class 1 Modifications to the Hanford Facility Resource Conservation and Recovery Act (RCRA) Permit, Dangerous Waste Portion (Ending March 31, 1998, Condition I.C.3.)

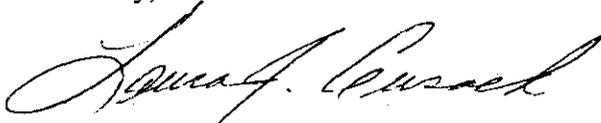
The Washington State Department of Ecology (Ecology) has reviewed the above referenced modifications and agrees that these are class 1 modifications. Enclosed is the signed Modification Notification Form for each modification, indicating Ecology's approval. Modifications for this quarter included updating information in Part I and Part III. Part I class 1 modifications pertain to the Hanford Facility Dangerous Waste Permit Application, General Information Portion. Part III class 1 modifications pertain to the 616 Nonradioactive Dangerous Waste Storage Facility, 242-A Evaporator, Liquid Effluent Treatment Facility and 200 Area Effluent Treatment Facility, and 305-B Storage Facility.

Messrs. Rasmussen, Watkins, and Adair  
May 7, 1998  
Page 2

Public notification of these modifications as required by WAC 173-303-830(4)(A), will be given in the June-July edition of the "Hanford Update."

If you have any questions or comments, please contact me at (509) 736-3038.

Sincerely,



Laura J. Cusack, P.E.  
Hanford Facility RCRA Permit Manager

LJC:ch  
Enclosure

cc w/encl: Ellen Mattlin, USDOE  
Suzette Thompson, FDH  
Harold Tilden, PNNL  
Administrative Record: Site Wide Permit

cc w/o encl: Cliff Clark, USDOE  
Sue Price, FDH

bcc w/encl: Central Files: Site Wide Permit

bcc w/o encl: Moses Jaraysi, Ecology  
Steve Skurla, Ecology  
Jeanne Wallace, Ecology

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**Hanford Facility RCRA Permit Modification Notification Forms**

**For**

**Part I – General Information Portion**

Page 1 of 5

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## Hanford Facility RCRA Permit Modification Notification Form

Unit:  <b>Hanford Facility Dangerous Waste Permit Application, General Information Portion</b>	Permit Part & Chapter:  <b>Part I, Attachment 33 [Chapter 12]</b>
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**Description of Modification:**

Pages T12-1.2, Table 12-1 (sheet 2 of 6), lines 9-10:

Class 1 Modification  
Quarter Ending 03/31/98  
DOE/RL-91-28, Rev. 3a  
04/97

Table 12-1. Reports and Records. (sheet 2 of 6)

HF RCRA Permit condition	Records and/or Reports (Chapter 12.0 section containing description)	Hanford Facility Operating Record		Type of submital	
		General Information file	Unit-specific file	Verbal letter	Transmittal Certified package
11.E.20.	Other information (12.1.12)	Facility	Facility	✓	✓
21.H.	Permit-related description: HF RCRA permit and all attachments and modifications (12.1.13)	Facility	Facility	✓	✓
	Permit-related documents: Part B permit application, closure plan, closure/postclosure plan, postclosure permit application documentation (12.1.13)	Unit	Unit	✓	✓
411.E.4.	Notification of Permit-related information (12.1.14)	Unit	Facility	✓	✓
511.1.1.a.	Waste location (12.1.15, 12.1.31)	Unit	Facility	✓	✓
611.1.1.b.	Waste analysis (12.1.16)	Unit	Facility	✓	✓
811.1.1.c.	Occurrence reports (12.1.17, 12.1.31)	Unit	Facility	✓	✓
911.1.1.d.	Unmanifested waste reports (12.1.18)	Unit	Facility	✓	✓
1011.E.18.		Unit	Facility	✓	✓

Modification Class: <sup>2,3</sup> please check one of the Classes:	Class 1	Class <sup>1</sup> 1	Class 2	Class 3
	X			

Relevant WAC 173-303-830, Appendix I Modification: A.1.

Enter wording of the modification from WAC 173-303-830, Appendix I citation:

A. General Permit Provisions:  
 1. Administrative and informational changes.

Submitted by Co-Operator: <i>William D. Adair</i> W. D. Adair	Reviewed by RL Program Office: <i>J. E. Rasmussen</i> J. E. Rasmussen	Reviewed by Ecology: <i>Larry Leonard</i> Date
3/30/98 Date	4/10/98 Date	4/16/98 Date

<sup>1</sup> Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.

## Hanford Facility RCRA Permit Modification Notification Form

Unit:  
**Hanford Facility Dangerous Waste Permit Application, General Information Portion**

Permit Part & Chapter:  
**Part I, Attachment 33 [Chapter 12]**

Description of Modification:

T12-1.3, Table 12-1 (sheet 3 of 6), line 7-8:

Class 1 Modification  
Quarter Ending 03/31/98

DOE/RL-91-28, Rev. 3a  
04/97

Table 12-1. Reports and Records. (sheet 3 of 6)

RCRA Permit condition <sup>1</sup>	Records and/or Reports (Check box if condition containing description)	Hanford Facility Operating Record		Type of submittal		Certified package
		General Information File	Unit-specific File	Transmittal letter	Verbal	
1 11.1.1.a	Hanford facility Contingency Plan and Incident records (12.1.19)	/	/	/	/	(11.A.1. on 32)
2 11.A. (all)	Personnel training records (12.1.20, 12.1.21)	/	/			
3 11.1.f	Preparedness and prevention arrangements (12.1.23)	/	/			
4 11.c	Projections of anticipated costs for closure and postclosure participation and performance (12.1.22, 12.1.25, and 12.1.31)	/	/			
5 11.1.g	Onsite transportation documentation (12.1.23)	/	/			
6 11.d	Cross-reference of waste location to waste manifest numbers (12.1.24, 12.1.31)	/	/			

190321.0994

T12-1.3

Modification Class:<sup>2,3</sup>  
please check one of the Classes:

Class 1	Class <sup>1</sup> 1	Class 2	Class 3
X			

Relevant WAC 173-303-830, Appendix I Modification: A.1.

Enter wording of the modification from WAC 173-303-830, Appendix I citation:

- A. General Permit Provisions:  
1. Administrative and informational changes.

Submitted by Co-Operator: <i>William D. Adair</i> W. D. Adair Date 3/30/98	Reviewed by RL Program Office: <i>J. E. Rasmussen</i> J. E. Rasmussen Date 4/10/98	Reviewed by Ecology: <i>Sandra J. Conrad</i> Sandra J. Conrad Date 4/16/98
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<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup>This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

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## Hanford Facility RCRA Permit Modification Notification Form

Unit:  <b>Hanford Facility Dangerous Waste Permit Application, General Information Portion</b>	Permit Part & Chapter:  <b>Part I, Attachment 33 [Chapter 12]</b>
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**Description of Modification:**

T12-1.4, Table 12-1 (sheet 4 of 6), line 16:

Class 1 Modification  
Quarter Ending 03/31/98 DOE/RL-91-28, Rev. 3a  
04/97

Table 12-1. Reports and Records. (sheet 4 of 6)

RCRA Permit condition <sup>1</sup>	Record and/or Reports (Chapter 12.0 section containing description)	Hanford Facility Operating Record (General Information file)	Type of submittal	Certified package
			Verbal <sup>2</sup> Transmittal letter <sup>3</sup>	
1 11.1.1.m.	Annual reports (12.1.25)	Facility		
2 1.1.18.	Annual Noncompliance Report		/	
3 1.1.22	Annual Dangerous Waste Report			/
4	Annual Hanford Site Environmental Permitting Status Report			
5 11.5.	Annual Land Disposal Restrictions Report			/
6 11.6. (MSW Partion)	Groundwater monitoring records (12.1.24, 12.1.31)	Unit		
7 11.7.2.c.	Groundwater corrective action (12.1.27)	Facility	/	
8 11.1.1.p.	Permit condition compliance evaluation system (12.1.26, 12.1.31)	Unit		
9 11.1.1.q.	Good notification (reference only) (12.1.29)	Unit		/
10 11.1.1.r.	Inspection records (12.1.30)	Facility	/	
11 11.1.2.	Description of systems/reports (12.1.31)	Facility	/	
12 11.1.3.	Closure certification <sup>4</sup>	Unit		/

112-1.4

Modification Class: <sup>2,3</sup> please check one of the Classes:	Class 1	Class <sup>1</sup> 1	Class 2	Class 3
	X			

Relevant WAC 173-303-830, Appendix I Modification: A.1.

Enter wording of the modification from WAC 173-303-830, Appendix I citation:

A. General Permit Provisions:  
 1. Administrative and informational changes.

Submitted by Co-Operator:  W. D. Adair Date: 3/30/98	Reviewed by RL Program Office:  J. E. Rasmussen Date: 4/10/98	Reviewed by Ecology:  L. C. Brown Date: 4/16/98
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<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

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## Hanford Facility RCRA Permit Modification Notification Form

Unit:  <b>Hanford Facility Dangerous Waste Permit Application, General Information Portion</b>	Permit Part & Chapter:  <b>Part I, Attachment 33 [Chapter 12]</b>
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Description of Modification:

Page T12-1.6, Table 12-1 (sheet 6 of 6), lines 4-19:

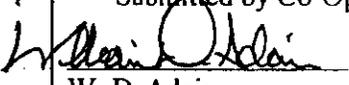
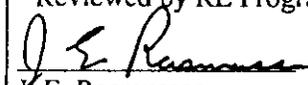
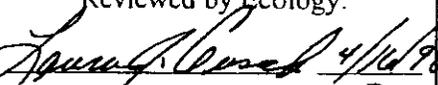
- <sup>1</sup> HF RCRA Permit (DW Portion) Condition, unless otherwise noted.
- <sup>2</sup> Hanford Facility Operating Record, General Information file.
- <sup>3</sup> Hanford Facility Operating Record, Unit-Specific file.
- <sup>4</sup> Verbal reporting in accordance with timeframes noted in the specified conditions.
- <sup>5</sup> Not certified; submittal by transmittal letter.
- <sup>6</sup> Certified by Permittees in accordance with WAC 173-303-810(12).
- <sup>7</sup> Miscellaneous support records and reports.
- <sup>8</sup> Certified by a registered professional engineer [e.g., in accordance with WAC 173-303-810(14)(a)(i) (refer to Chapter 4.0, Section 4.13.4)].
- <sup>9</sup> Specific language preprinted on Washington State Department of Ecology's *TSD Facility Unmanifested Dangerous Waste Report, Form 6*, provides certification in accordance with WAC 173-303-390(1) and WAC 173-303-390(1)(f).
- <sup>9</sup><sup>10</sup> Certified by a registered professional engineer [e.g., in accordance with WAC 173-303-610(6) or WAC 173-303-610(11)]

Modification Class: <sup>2,3</sup> please check one of the Classes:	Class 1	Class <sup>1</sup> 1	Class 2	Class 3
	X			

Relevant WAC 173-303-830, Appendix I Modification: A.1.

Enter wording of the modification from WAC 173-303-830, Appendix I citation:

- A. General Permit Provisions:  
 I. Administrative and informational changes.

Submitted by Co-Operator:  W. D. Adair	Reviewed by RL Program Office:  E. Rasmussen	Reviewed by Ecology: 
3/30/98 Date	4/10/98 Date	4/16/98 Date

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.

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**Hanford Facility RCRA Permit Modification Notification Forms**

**for**

**Part III, Chapter 1**

**616 Nonradioactive Dangerous Waste Storage Facility**

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<b>Hanford Facility RCRA Permit Modification Notification Form</b>					
Unit: <b>616 Nonradioactive Dangerous Waste Storage Facility</b>		Permit Part & Chapter: <b>Part III, Chapter 1 [Section 2.1.3.4]</b>			
<u>Description of Modification:</u>					
Page 2-7, Section 2.1.3.4, lines 1-8:					
While in the operational mode, Equipment and material stored in the packaging material and handling equipment area are as follows:					
<ul style="list-style-type: none"> <li>• Tools, drum dollies, forklift, and other waste handling equipment</li> <li>• Absorbents and other miscellaneous spill control equipment.</li> </ul>					
Additional containers and absorbents are stored in the portable storage unit located approximately 50 feet (15.2 meters) north of the 616 NRDWSF (Figure 2-3). A detailed list of equipment is included in the Building Emergency Plan - 616 Building provided in Appendix 7A.					
Figure 2-3, Page F2-3: Corrected Figure F2-3 to reflect the change identified above.					
Modification Class: <sup>23</sup> please check one of the Classes:		Class 1 X	Class <sup>1</sup> 1	Class 2	Class 3
Relevant WAC 173-303-830, Appendix I Modification: A.1.					
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>					
A. General Permit Provisions: 1. Administrative and informational changes.					
Submitted by Co-Operator: <i>K.G. Svoboda</i> for <i>C. G. Mattsson</i> 3/27/98 C. G. Mattsson Date		Reviewed by RL Program Office: <i>H. E. Bilson</i> 4/9/98 H. E. Bilson Date		Reviewed by Ecology: <i>Laura [Signature]</i> 4/21/98 Date	

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.

## Hanford Facility RCRA Permit Modification Notification Form

Unit:  <b>616 Nonradioactive Dangerous Waste Storage Facility</b>	Permit Part & Chapter:  <b>Part III, Chapter 1 [Section 2.5.1]</b>								
<u>Description of Modification:</u> Page 2-12, Section 2.5.1, lines 13-30:									
<b>2.5.1 Measures to Prevent Degradation of Groundwater Quality</b>									
<p>Degradation of groundwater quality is prevented by storing waste containers inside an enclosed concrete building on self-contained, sealed concrete pads. In addition, the 616 NRDWSF accepts only those waste packages meeting appropriate U.S. Department of Transportation requirements. Containers are opened only in areas with spill containment. The 616 NRDWSF design and administrative controls significantly reduce the possibility of loss of waste to the ground and/or contamination of the groundwater. [In the vicinity of the 616 NRDWSF, the water table ranges from about 180 to 280 feet (54.9 to 85.3 meters) below the surface.]</p> <p>Each loading pad trench drain plug is kept closed and secured when not in use. The 616 NRDWSF supervisor controls the trench key. When water (e.g., rainwater, snowmelt) from a known source has accumulated in either of the loading pad trenches, it is released to the ground via the french drain (Figure 2-6). While in the operational mode, <del>B</del> before the liquid is released, the following is performed.</p>									
Modification Class: <sup>2,3</sup> please check one of the Classes:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Class 1</td> <td style="width: 25%;">Class <sup>1</sup>1</td> <td style="width: 25%;">Class 2</td> <td style="width: 25%;">Class 3</td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> </tr> </table>	Class 1	Class <sup>1</sup> 1	Class 2	Class 3	X			
Class 1	Class <sup>1</sup> 1	Class 2	Class 3						
X									
Relevant WAC 173-303-830, Appendix I Modification: A.1.									
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>									
A. General Permit Provisions: 1. Administrative and informational changes.									
Submitted by Co-Operator: <i>K. J. Svoboda for</i> C. G. Mattsson	Reviewed by RI Program Office: <i>Julia G. Bilson</i> H. E. Bilson	Reviewed by Ecology: <i>Thomas A. Caswell</i> Date							
3/27/98 Date	4/9/98 Date	4/21/98 Date							

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup>This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

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<b>Hanford Facility RCRA Permit Modification Notification Form</b>																										
Unit: <b>616 Nonradioactive Dangerous Waste Storage Facility</b>	Permit Part & Chapter: <b>Part III, Chapter 1 [Section ]</b>																									
<u>Description of Modification:</u> Page T3-2, Table 3-2, line 15-21:  <div style="text-align: center; margin: 10px 0;">             Table 3-2. Waste Codes of Materials              Stored at the 616 Nonradioactive              Dangerous Waste Storage Facility           </div> <table style="margin-left: auto; margin-right: auto; border: none;"> <tr> <td style="padding: 2px 10px;">U and P numbers</td> <td style="padding: 2px 10px;">WAC-173-303-9903</td> </tr> <tr> <td style="padding: 2px 10px;">F numbers</td> <td style="padding: 2px 10px;">WAC-173-303-9904</td> </tr> <tr> <td style="padding: 2px 10px;">W001</td> <td style="padding: 2px 10px;">WAC-173-303-9904</td> </tr> <tr> <td style="padding: 2px 10px;">D001</td> <td style="padding: 2px 10px;">WAC-173-303-090(5)</td> </tr> <tr> <td style="padding: 2px 10px;">D002</td> <td style="padding: 2px 10px;">WAC-173-303-090(6)</td> </tr> <tr> <td style="padding: 2px 10px;">D003</td> <td style="padding: 2px 10px;">WAC-173-303-090(7)</td> </tr> <tr> <td style="padding: 2px 10px;">D004 through D043</td> <td style="padding: 2px 10px;">WAC-173-303-090(8)</td> </tr> <tr> <td style="padding: 2px 10px;">WT01 and WT02</td> <td style="padding: 2px 10px;">WAC-173-303-100-1/104</td> </tr> <tr> <td style="padding: 2px 10px;">WP01, WP02 and WP03</td> <td style="padding: 2px 10px;">WAC-173-303-100-2/104</td> </tr> <tr> <td style="padding: 2px 10px;">WC02</td> <td style="padding: 2px 10px;">WAC-173-303-103/104</td> </tr> <tr> <td style="padding: 2px 10px;">WL01 and WL02</td> <td style="padding: 2px 10px;">WAC-173-303-180</td> </tr> </table>					U and P numbers	WAC-173-303-9903	F numbers	WAC-173-303-9904	W001	WAC-173-303-9904	D001	WAC-173-303-090(5)	D002	WAC-173-303-090(6)	D003	WAC-173-303-090(7)	D004 through D043	WAC-173-303-090(8)	WT01 and WT02	WAC-173-303-100-1/104	WP01, WP02 and WP03	WAC-173-303-100-2/104	WC02	WAC-173-303-103/104	WL01 and WL02	WAC-173-303-180
U and P numbers	WAC-173-303-9903																									
F numbers	WAC-173-303-9904																									
W001	WAC-173-303-9904																									
D001	WAC-173-303-090(5)																									
D002	WAC-173-303-090(6)																									
D003	WAC-173-303-090(7)																									
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WT01 and WT02	WAC-173-303-100-1/104																									
WP01, WP02 and WP03	WAC-173-303-100-2/104																									
WC02	WAC-173-303-103/104																									
WL01 and WL02	WAC-173-303-180																									
Modification Class: <sup>23</sup> please check one of the Classes:	Class 1 X	Class <sup>1</sup>	Class 2	Class 3																						
Relevant WAC 173-303-830, Appendix I Modification: A.1.																										
Enter wording of the modification from WAC 173-303-830, Appendix I citation:																										
B. General Facility Standards: 1. Changes to waste sampling or analysis methods: a. To conform with agency guidance or regulations.																										
Submitted by Co-Operator: <i>K.G. Mattsson for</i> C. G. Mattsson	Date 3/27/98	Reviewed by RL Program Office: <i>H. E. Bilson</i> H. E. Bilson	Date 4/9/98	Reviewed by Ecology: <i>James J. Conant</i> Date 4/21/98																						

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<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>, if appropriate.

## Hanford Facility RCRA Permit Modification Notification Form

Unit: <b>616 Nonradioactive Dangerous Waste Storage Facility</b>	Permit Part & Chapter: <b>Part III, Chapter 1 [Section 4.1.1.1]</b>								
<u>Description of Modification:</u> Page 4-1, Section 4.1.1.1, lines 19-35:  <b>4.1.1.1 Description of Containers [D-1a(1)].</b> The 616 NRDWSF only accepts waste properly packaged in U.S. Department of Transportation-approved containers. These containers are chosen in accordance with pertinent regulations and are approved for that waste. Table 4-1 lists the most common types of containers [and applicable U.S. Department of Transportation specifications (49 CFR 178)] stored at the 616 NRDWSF.  All containers stored at the 616 NRDWSF are in an acceptable condition for each waste type (Chapter 2.0, Section 2.8.1). Because no containers are reconditioned on the Hanford Facility, there are no reconditioned containers at the 616 NRDWSF.  All waste containers received at the 616 NRDWSF are marked and labeled in accordance with the requirements specified under U.S. Department of Transportation regulations (49 CFR172). Marking and labeling requirements are specified on the hazardous waste disposal analysis record (Chapter 3.0, Section 3.2). In addition to the U.S. Department of Transportation marking and labeling requirements, all waste containers are marked as follows: <ul style="list-style-type: none"> <li>• 'PERSISTENT' - If a WP01, WP02, or WP03 waste code is applicable</li> <li>• 'TOXIC' - If a WT01 or WT02 waste code is applicable</li> <li>• '<del>CARCINOGENIC</del>' - If a <del>WC01 or WC02</del> waste code is applicable.</li> </ul>									
Modification Class: <sup>2,3</sup> please check one of the Classes:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Class 1</td> <td style="width: 25%;">Class '1</td> <td style="width: 25%;">Class 2</td> <td style="width: 25%;">Class 3</td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> </tr> </table>	Class 1	Class '1	Class 2	Class 3	X			
Class 1	Class '1	Class 2	Class 3						
X									
Relevant WAC 173-303-830, Appendix I Modification: B.1.a.									
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>  B. General Facility Standards: I. Changes to waste sampling or analysis methods: a. To conform with agency guidance or regulations.									
Submitted by Co-Operator: <i>K. G. Mattsson for</i> C. G. Mattsson	Reviewed by RL Program Office: <i>H. E. Bilson</i> H. E. Bilson	Reviewed by Ecology: <i>Russell Conrad</i> Date							
<i>3/27/98</i> Date	<i>4/9/98</i> Date	<i>4/21/98</i> Date							

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup>This is only an advanced notification of an intended Class '1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup>If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to '1, if appropriate.

## Hanford Facility RCRA Permit Modification Notification Form

Unit:  <b>616 Nonradioactive Dangerous Waste Storage Facility</b>	Permit Part & Chapter:  <b>Part III, Chapter 1 [Section ]</b>								
<u>Description of Modification:</u> Page 4-1, Section 4.1.1.1, lines 19-35:									
<p><b>4.1.1.1 Description of Containers [D-1a(1)].</b> The 616 NRDWSF only accepts waste properly packaged in U.S. Department of Transportation-approved containers. These containers are chosen in accordance with pertinent regulations and are approved for that waste. Table 4-1 lists the most common types of containers [and applicable U.S. Department of Transportation specifications (49 CFR 178)] stored at the 616 NRDWSF.</p> <p>All containers stored at the 616 NRDWSF are in an acceptable condition for each waste type (Chapter 2.0, Section 2.8.1). Because no containers are reconditioned on the Hanford Facility, there are no reconditioned containers at the 616 NRDWSF.</p> <p>All waste containers received at the 616 NRDWSF are marked and labeled in accordance with the requirements specified under U.S. Department of Transportation regulations (49 CFR 172). In addition to the 40 CFR 172 marking and labeling requirements, all waste containers must be marked, as appropriate, to adequately identify the major risk(s) associated with the contents of the containers, per WAC 173-303-630(3). Marking and labeling requirements are specified on the hazardous waste disposal analysis record (Chapter 3.0, Section 3.2). In addition to the U.S. Department of Transportation marking and labeling requirements, all waste containers are marked as follows:</p> <ul style="list-style-type: none"> <li>—● 'PERSISTENT' — If a WP01, WP02, or WP03 waste code is applicable</li> <li>—● 'TOXIC' — If a WT01 or WT02 waste code is applicable</li> <li>—● 'CARCINOGENIC' - If a WC01 or WC02 waste code is applicable.</li> </ul>									
Modification Class: <sup>2,3</sup> please check one of the Classes:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Class 1</td> <td style="width: 25%;">Class 1<sup>1</sup></td> <td style="width: 25%;">Class 2</td> <td style="width: 25%;">Class 3</td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> </tr> </table>	Class 1	Class 1 <sup>1</sup>	Class 2	Class 3	X			
Class 1	Class 1 <sup>1</sup>	Class 2	Class 3						
X									
Relevant WAC 173-303-830, Appendix I Modification: A.1.									
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>									
A. General Permit Provisions: 1. Administrative and informational changes.									
Submitted by Co-Operator: <i>K.G. Mattsson for</i> 3/27/98 C. G. Mattsson Date	Reviewed by RL Program Office: <i>Adam G. Bilson</i> 4/9/98 H. E. Bilson Date	Reviewed by Ecology: <i>Laura J. Leonard</i> 4/11/98 Date							

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class 1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to 1, if appropriate.

## Hanford Facility RCRA Permit Modification Notification Form

Unit: <b>616 Nonradioactive Dangerous Waste Storage Facility</b>	Permit Part & Chapter: <b>Part III, Chapter 1 [Section 6.2.1]</b>			
<u>Description of Modification:</u> Page 6-2, Section 6.2.1, lines 13-19:  <b>6.2.1 General Inspection Requirements [F-2a]</b>  The content and frequency of inspections are described in this section. The inspections are documented on inspection datasheets and logsheets. The schedule and inspection records are kept at MO-720, in the 200 West Area 616 NRDWSF in the inspection logbooks. Inspection records are retained for a minimum of 5 years.				
Modification Class: <sup>2,3</sup> please check one of the Classes:	Class 1 X	Class <sup>1</sup> 1	Class 2	Class 3
Relevant WAC 173-303-830, Appendix I Modification: B.3.				
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>  B. General Facility Standards 3. Changes in procedures for maintaining the operating record.				
Submitted by Co-Operator: <i>K.G. Svoboda for</i> C. G. Mattsson	Reviewed by RL Program Office: <i>Julien E. Bilson</i> H. E. Bilson	Reviewed by Ecology: <i>Thomas J. ...</i>	Date	Date
3/27/98	4/9/98	4/21/98		

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup>This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup>If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.

<b>Hanford Facility RCRA Permit Modification Notification Form</b>					
Unit:		Permit Part & Chapter:			
<b>616 Nonradioactive Dangerous Waste Storage Facility</b>		<b>Part III, Chapter 1 [Section 6.2.1.2]</b>			
<u>Description of Modification:</u>					
Page 6-4, Section 6.2.1.2, lines 4-6:					
<p>When operating, <del>At least annually</del>, the emergency equipment cabinet will be opened and the contents examined for degradation, respiratory protection equipment exceeding certification date, and the contents restocked as needed, at least annually.</p>					
Modification Class: <sup>23</sup>		Class 1	Class <sup>1</sup> 1	Class 2	Class 3
please check one of the Classes:		X			
Relevant WAC 173-303-830, Appendix I Modification: A.1.					
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>					
A. General Permit Provisions:					
1. Administrative and informational changes.					
Submitted by Co-Operator:		Reviewed by RC Program Office:		Reviewed by Ecology:	
<i>K. G. Mattsson for</i> <u>3/27/98</u>		<i>H. E. Bilson</i> <u>4/9/98</u>		<i>Laura L. ...</i> <u>4/21/98</u>	
C. G. Mattsson Date		H. E. Bilson Date		Date	

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.

<b>Hanford Facility RCRA Permit Modification Notification Form</b>					
Unit: <b>616 Nonradioactive Dangerous Waste Storage Facility</b>		Permit Part & Chapter: <b>Part III, Chapter 1 [Section 6.2.1.2]</b>			
<u>Description of Modification:</u> Page 6-4, Section 6.2.2.1, lines 14-17:  <b>6.2.2.1 Container Inspection [F-2b(1)].</b> As required by WAC 173-303-630, specific items and/or problems identified during inspections are detailed in Section 6.2.1.2. The inspection records are maintained at MO-720, in the 200 West Area <del>616 NRDWSF</del> for 5 years.					
Modification Class: <sup>2 3</sup> please check one of the Classes:		Class 1 X	Class <sup>1</sup> 1	Class 2	Class 3
Relevant WAC 173-303-830, Appendix I Modification: B.3.					
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u> B. General Facility Standards 3. Changes in procedures for maintaining the operating record.					
Submitted by Co-Operator: <i>K. G. Svoboda for</i> <u>3/27/98</u> C. G. Mattsson Date		Reviewed by RL Program Office: <i>Allen E. Bilson</i> <u>4/9/98</u> H. E. Bilson Date		Reviewed by Ecology: <i>Laura L. ...</i> <u>4/21/98</u> Date	

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup>This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup>If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.

<b>Hanford Facility RCRA Permit Modification Notification Form</b>					
Unit: <b>616 Nonradioactive Dangerous Waste Storage Facility</b>		Permit Part & Chapter: <b>Part III, Chapter 1 [Section 6.4.4]</b>			
<u>Description of Modification:</u> Page 6-7, Section 6.4.4, lines 44-50:  <b>6.4.4 Equipment and Power Failure [F-4d]</b>  When waste management activities occur, the <del>The only</del> powered equipment available at the 616 NRDWSF is a forklift, fork truck lift, and the ventilation system. If the forklift or fork truck lift fails, the 616 NRDWSF supervisor makes the necessary notifications for repairs. Actions taken in response to a loss of ventilation are detailed in the building emergency plan (Appendix 7A).					
Modification Class: <sup>2 3</sup> please check one of the Classes:		Class 1 X	Class <sup>1</sup> 1	Class 2	Class 3
Relevant WAC 173-303-830, Appendix I Modification: A.1.					
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u> A. General Permit Provisions: 1. Administrative and informational changes.					
Submitted by Co-Operator: <i>K.G. Svoboda for</i> 3/27/98 C. G. Mattsson Date		Reviewed by RL Program Office: <i>Helen G. Bilson</i> 4/9/98 H. E. Bilson Date		Reviewed by Ecology: <i>Laura J. Curran</i> 4/21/98 Date	

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

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<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.

<b>Hanford Facility RCRA Permit Modification Notification Form</b>					
Unit:		Permit Part & Chapter:			
616 Nonradioactive Dangerous Waste Storage Facility		Part III, Chapter 1 [Section 12.4]			
<u>Description of Modification:</u>					
Page 12-3, Section 12.4, lines 5-11:					
<b>12.4 TREATMENT, STORAGE, AND/OR DISPOSAL REQUIREMENTS</b>					
<p>The reporting and recordkeeping procedures for TSD units are discussed in this section. The TSD reports are described, the operating records and miscellaneous support records contents are described, and plans maintained at MO-720, in the 200 West Area the 616 NR DWSF and submitted with this permit application are described.</p>					
Modification Class: <sup>2 3</sup> please check one of the Classes:		Class 1	Class <sup>1</sup>	Class 2	Class 3
		X			
Relevant WAC 173-303-830, Appendix I Modification: B.3.					
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>					
B. General Facility Standards					
3. Changes in procedures for maintaining the operating record.					
Submitted by Co-Operator:		Reviewed by RL Program Office:		Reviewed by Ecology:	
<i>K.G. Svoboda for</i> 3/27/98		<i>H.E. Bilson</i> 4/9/98		<i>Laura A. ...</i> 4/12/98	
C. G. Mattsson Date		H. E. Bilson Date		Date	

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup>This is only an advanced notification of an intended Class <sup>1</sup>, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup>If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>, if appropriate.

<b>Hanford Facility RCRA Permit Modification Notification Form</b>					
Unit: <b>616 Nonradioactive Dangerous Waste Storage Facility</b>		Permit Part & Chapter: <b>Part III, Chapter 1 [Section 12.4.1.5]</b>			
<u>Description of Modification:</u>					
Page 12-5, Section 12.4.1.5, lines 1-31:					
<p><b>12.4.1.5 Contingency Plan Incident Notifications.</b> The building emergency director and the 616 NRDWSF line management are responsible for making notifications (Chapter 2.0, Section 2.7.1 and Appendix 7A). Notifications of all emergency situations requiring contingency plan implementation are made as required by 40 CFR 264.56, WAC 173-303-360, and U.S. Department of Energy Order 5000.3A.</p> <p>In the event of a fire or an explosion, the building emergency director or the 616 NRDWSF line management immediately must notify the Patrol Operations Center by telephone at 911. All emergency incident calls to the emergency number (911) are reported by the Patrol Operations Center to the Hanford Fire Department and the Occurrence Notification Center. In the event of an unplanned release of hazardous or dangerous waste or material, the building emergency director immediately notifies the contractor's environmental protection organization who notifies the DOE-RL and the Occurrence Notification Center. The DOE-RL must be notified by telephone as soon as possible on the day of the incident. The building emergency director or the 616 NRDWSF line management must document the incident on an Occurrence Report to the DOE-RL within 24 hours of categorization of the incident. A copy of the occurrence reports is retained at MO-720, in the 200 West Area the 616 NRDWSF as part of the operating record.</p> <p>If the 616 NRDWSF stops operations in response to a fire, an explosion, or a release that could present a hazard to human health or the environment, the building emergency director notifies DOE-RL, via line management, when the 616 NRDWSF is operational and emergency cleanup is complete.</p> <p>The DOE-RL is responsible for three types of notifications: an immediate notification, the incident assessment report, and the unit restart notification. Details of these notifications are provided in the following sections.</p>					
Modification Class: <sup>23</sup> please check one of the Classes:		Class 1 X	Class <sup>1</sup> 1	Class 2	Class 3
Relevant WAC 173-303-830, Appendix I Modification: B.3.					
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>					
B. General Facility Standards 3. Changes in procedures for maintaining the operating record.					
Submitted by Co-Operator: <i>C. G. Mattsson</i> C. G. Mattsson		Reviewed by RL Program Office: <i>H. E. Bilson</i> H. E. Bilson		Reviewed by Ecology: <i>James L. ...</i> Date	
Date: <i>3/27/98</i>		Date: <i>4/9/98</i>		Date: <i>4/21/98</i>	

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.

## Hanford Facility RCRA Permit Modification Notification Form

Unit: <b>616 Nonradioactive Dangerous Waste Storage Facility</b>	Permit Part & Chapter: <b>Part III, Chapter 1 [Section 12.4.1.6]</b>			
<u>Description of Modification:</u>				
Page 12-6, Section 12.4.1.6, lines 40-53:				
<b>12.4.1.6 Spills, Discharges, and Leaks Reports.</b> This section discusses the reports prepared as a result of unpermitted spills and discharges to the environment.				
In the event of any unplanned release of dangerous waste or hazardous substance, the building emergency director immediately notifies the contractor's environmental protection organization and the Occurrence Notification Center. The Occurrence Notification Center immediately will notify the Hanford Fire Department for appropriate action. The building emergency director documents the incident on an occurrence report. A copy of the occurrence report is retained at MO-720, in the 200 West Area the 616 NRDWSF. If an unpermitted spill or discharge exceeds the threshold or reportable quantities, the contractor's environmental protection organization performs the reporting necessary to				
Modification Class: <sup>23</sup> please check one of the Classes:	Class 1 X	Class '1	Class 2	Class 3
Relevant WAC 173-303-830, Appendix I Modification: B.3.				
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>				
B. General Facility Standards 3. Changes in procedures for maintaining the operating record.				
Submitted by Co-Operator: <i>K.G. Svoboda for</i> <u>3/27/98</u> C. G. Mattsson Date	Reviewed by RI/Program Office: <i>Adrian G. Bilson</i> <u>4/9/98</u> H. E. Bilson Date	Reviewed by Ecology: <i>Susan G. Caswell</i> <u>4/21/98</u> Date		

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

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<b>Hanford Facility RCRA Permit Modification Notification Form</b>					
Unit:		Permit Part & Chapter:			
616 Nonradioactive Dangerous Waste Storage Facility		Part III, Chapter 1 [Section 12.4.2]			
<u>Description of Modification:</u>					
Page 12-7, Section 12.4.2, lines 42-48:					
<b>12.4.2 Recordkeeping Requirements</b>					
Records retained by the 616 NRDWSF at MO-720, in the 200 West Area include plans described in other portions of this permit application, operating records, miscellaneous support records, and records of reports made to the regulatory authority. These records are described in the following sections.					
Modification Class: <sup>2 3</sup> please check one of the Classes:		Class 1	Class <sup>1</sup> 1	Class 2	Class 3
		X			
Relevant WAC 173-303-830, Appendix I Modification: B.3.					
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>					
B. General Facility Standards					
3. Changes in procedures for maintaining the operating record					
Submitted by Co-Operator:		Reviewed by RJO Program Office:		Reviewed by Ecology:	
<i>K.G. Svoboda for</i> C. G. Mattsson		<i>Allen G. Bilson</i> Hi E. Bilson		<i>Tommy L. ...</i> Date	
Date		Date		Date	
3/27/98		4/9/98		4/21/98	

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup>This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup>If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.

<b>Hanford Facility RCRA Permit Modification Notification Form</b>					
Unit: <b>616 Nonradioactive Dangerous Waste Storage Facility</b>		Permit Part & Chapter: <b>Part III, Chapter 1 [Section 12.4.2.1]</b>			
<u>Description of Modification:</u> Page 12-8, Section 12.4.2.1, lines 1-20: <b>12.4.2.1 Permit Application Plans.</b> Plans described in other portions of this permit application and retained at MO-720, in the 200 West Area the <del>616 NRDWSF</del> include the following: <ul style="list-style-type: none"> <li>• Waste analysis plan</li> <li>• Contingency plan and amendments</li> <li>• Training plan</li> <li>• Closure plan</li> <li>• Inspection schedule and logs plans.</li> </ul> <p>Copies of these plans are included in this permit application. These plans are maintained at MO-720, in the 200 West Area the <del>616 NRDWSF</del> during the life of the storage unit. Modifications or amendments required as a result of changing regulatory or operational requirements will be submitted to the regulatory authority and added to the plans maintained at MO-720, in the 200 West Area the <del>616 NRDWSF</del> as required.</p>					
Modification Class: <sup>2,3</sup> please check one of the Classes:		Class 1 X	Class <sup>1</sup> 1	Class 2	Class 3
Relevant WAC 173-303-830, Appendix I Modification: B.3					
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u> B. General Facility Standards 3. Changes in procedures for maintaining the operating record.					
Submitted by Co-Operator: <i>K.G. Svoboda for</i> 3/27/98 C. G. Mattsson Date		Reviewed by RL Program Office: <i>John G. Bilson</i> 4/9/98 H. E. Bilson Date		Reviewed by Ecology: <i>Laura P. ...</i> 4/21/98 Date	

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.

<b>Hanford Facility RCRA Permit Modification Notification Form</b>					
Unit: <b>616 Nonradioactive Dangerous Waste Storage Facility</b>		Permit Part & Chapter: <b>Part III, Chapter 1 [Section 12.4.2.2]</b>			
<u>Description of Modification:</u> Page 12-8, Section 12.4.2.2, lines 22-40: <b>12.4.2.2 Operating Records.</b> Operating records maintained at MO-720, in the 200 West Area the <del>616 NRDWSF</del> include the following: <ul style="list-style-type: none"> <li>• Description and the quantity of each dangerous waste received and the method(s) and date(s) of storage at the 616 NRDWSF in accordance with 40 CFR 264 Appendix I and WAC 173-303-380</li> <li>• Location of each dangerous waste stored within the storage unit and the quantity at each location</li> <li>• Waste analyses results</li> <li>• Contingency plan incident reports</li> <li>• Inspection records</li> <li>• Waste minimization certification</li> <li>• Land disposal restriction records.</li> </ul>					
Modification Class: <sup>2,3</sup> please check one of the Classes:		Class 1 X	Class <sup>1</sup> 1	Class 2	Class 3
Relevant WAC 173-303-830, Appendix I Modification: B.3.					
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u> B. General Facility Standards 3. Changes in procedures for maintaining the operating record.					
Submitted by Co-Operator: <i>K. G. Svoboda for</i> <u>3/27/98</u> C. G. Mattsson Date		Reviewed by RL Program Office: <i>H. E. Bilson</i> <u>4/9/98</u> H. E. Bilson Date		Reviewed by Ecology: <i>[Signature]</i> <u>4/21/98</u> Date	

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

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## Hanford Facility RCRA Permit Modification Notification Form

Unit: <b>616 Nonradioactive Dangerous Waste Storage Facility</b>	Permit Part & Chapter: <b>Part III, Chapter 1 [Section 12, Table 12-1]</b>			
<u>Description of Modification:</u>				
Page T12-1.3, Table 12-1, Sheet 2 of 3, lines 4-18:				
<b>TREATMENT, STORAGE, AND/OR DISPOSAL REPORTS AND RECORDS:</b>				
<u>Permit Application Plans:</u>				
Waste analysis plan	Life of 616 NRDWSF	MO-720, 200 West Area	<del>616 NRDWSF</del>	
Contingency plan and amendments	Life of 616 NRDWSF	MO-720, 200 West Area	<del>616 NRDWSF</del>	
Training plan	Life of 616 NRDWSF	MO-720, 200 West Area	<del>616 NRDWSF</del>	
Closure plan	Life of <del>616 NRDWSF</del> Hanford Facility	MO-720, 200 West Area	<del>616 NRDWSF</del>	
Postclosure plan	Not required	NA		
Inspection schedule and log plans	Life of 616 NRDWSF	MO-720, 200 West Area	<del>616 NRDWSF</del>	
<u>Operating Reports and Records:</u>				
Waste description and quantity	Life of 616 NRDWSF	MO-720, 200 West Area	<del>616 NRDWSF</del>	
Waste location	Until closure	MO-720, 200 West Area	<del>616 NRDWSF</del>	
Waste analysis data	Life of 616 NRDWSF	MO-720, 200 West Area	<del>Hanford Facility</del>	
Inspection records	Varies from 5 years from inspection date to life of 616 NRDWSF	MO-720, 200 West Area	<del>Hanford Facility</del>	
Certification of waste minimization efforts	Life of 616 NRDWSF	MO-720, 200 West Area	<del>616 NRDWSF</del>	
Modification Class: <sup>23</sup> please check one of the Classes:		Class 1 X	Class <sup>1</sup> 1	Class 2
Class 3				
Relevant WAC 173-303-830, Appendix I Modification: B.3.				
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>				
B. General Facility Standards 3. Changes in procedures for maintaining the operating record.				
Submitted by Co-Operator: <i>K.G. Mattsson for</i> <u>3/27/98</u> C. G. Mattsson Date	Reviewed by RL Program Office: <i>H.E. Bilson</i> <u>4/9/98</u> H.E. Bilson Date	Reviewed by Ecology: <i>Laura J. Leonard</i> <u>4/21/98</u> Date		

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<sup>3</sup>If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.

<b>Hanford Facility RCRA Permit Modification Notification Form</b>				
Unit: <b>616 Nonradioactive Dangerous Waste Storage Facility</b>		Permit Part & Chapter: <b>Part III, Chapter 1 [Section 12, Table 12-1]</b>		
<u>Description of Modification:</u>				
Page T12-1.3, Table 12-1, Sheet 3 of 3, lines 11-39:				
<u>Contingency Plan Incident Reports and Records:</u>				
Immediate notification--				
Occurrence Report	Life of 616 NRDWSF	MO-720, 200 West Area	616 NRDWSF	
Assessment report	Life of 616 NRDWSF	MO-720, 200 West Area	616 NRDWSF	
616 NRDWSF restart notification	Life of 616 NRDWSF	MO-720, 200 West Area	616 NRDWSF	
<u>Spills, Discharges, and Leaks Reports and Records:</u>				
Immediate notification	Life of 616 NRDWSF	MO-720, 200 West Area	616 NRDWSF	
<u>Closure Reports and Records:</u>				
Certification of closure	Life of 616 NRDWSF	Hanford Facility		
Survey plat	Not required	NA		
Closure cost estimates (latest)	Life of 616 NRDWSF	Hanford Facility		
<u>Postclosure Reports and Records:</u>				
None required	Not required	NA		
<u>Miscellaneous Support Reports and Records:</u>				
Annual report	Life of 616 NRDWSF	Hanford Facility		
Biennial report	Not required	NA		
Training documentation	Life of 616 NRDWSF	MO-720, 200 West Area	616 NRDWSF	
Liability coverage documentation	Not required	NA		
NA = not applicable.				
Note: At the time of closure, all 616 NRDWSF environmental records will be transferred to a Hanford Facility central retention area. * Hanford Facility means the reports and records are available through the Facility Regulatory File index pursuant to Section 12.0. Until the index is implemented, reports and records will be available at the Facility, but not necessarily at the 616 NRDWSF.				
<del>616 NRDWSF means the reports and records are available at the 616 NRDWSF office.</del>				
Modification Class: <sup>2 3</sup>	Class 1	Class <sup>1</sup> 1	Class 2	Class 3
please check one of the Classes:	X			
Relevant WAC 173-303-830, Appendix I Modification: B.3.				
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>				
B. General Facility Standards				
3. Changes in procedures for maintaining the operating record.				
Submitted by Co-Operator:	Reviewed by RI Program Office:	Reviewed by Ecology:		
<i>K.G. Mattsson for 3/27/98</i>	<i>Allen E. Bilson 4/9/98</i>	<i>James J. ... 4/21/98</i>		
C. G. Mattsson Date	H. E. Bilson Date	Date		

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.

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**Hanford Facility RCRA Permit Modification Notification Forms**

**for**

**Part III, Chapter 2**

**305-B Storage Facility**

**Page 1 of 20**

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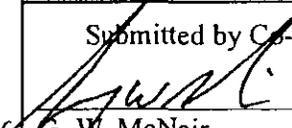
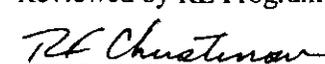
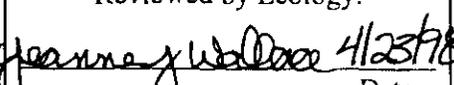
<b>Hanford Facility RCRA Permit Modification Notification Form</b>								
Unit: <b>305-B Storage Facility</b>	Permit Part & Chapter: <b>Part III [Section 2]</b>							
<u>Description of Modification:</u> Page 2-ii, lines 11-12: provided new Contents.								
<table style="width:100%; border: none;"> <tr> <td style="border: none;">2-8. Example Chemical Disposal/Recycle Request Form. ....</td> <td style="border: none; text-align: right;">2119</td> </tr> <tr> <td style="border: none;">2-9. Example Chemical Disposal/Recycle Request Form (Reverse) .....</td> <td style="border: none; text-align: right;">2220</td> </tr> </table>					2-8. Example Chemical Disposal/Recycle Request Form. ....	2119	2-9. Example Chemical Disposal/Recycle Request Form (Reverse) .....	2220
2-8. Example Chemical Disposal/Recycle Request Form. ....	2119							
2-9. Example Chemical Disposal/Recycle Request Form (Reverse) .....	2220							
Modification Class: <sup>2,3</sup> please check one of the Classes:	Class 1 X	Class <sup>1</sup> 1	Class 2	Class 3				
Relevant WAC 173-303-830, Appendix I Modification: A.2								
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>								
A. General Permit Provisions: 2. Correction to typographical errors								
Submitted by Co-Operator: <i>G. W. McNair</i> Date: <u>3/20/98</u>	Reviewed by RL Program Office: <i>R. F. Christensen</i> Date: <u>4/17/98</u>	Reviewed by Ecology: <i>Jeanne J. ...</i> Date: <u>4/23/98</u>						

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.

## Hanford Facility RCRA Permit Modification Notification Form

Unit: <b>305-B Storage Facility</b>	Permit Part & Chapter: <b>Part III [Section 2.1.1]</b>								
<u>Description of Modification:</u> Page 2-1, Section 2.1.1, line 40:  <b>2.1.1 The Hanford Site</b>  The Hanford Site consists of approximately 560 square miles (1450 square km) of semi-arid land that is owned by the U.S. Government and managed by DOE-RL. This site is located northwest of the City of Richland, Washington, along the Columbia River (Fig. 2-1). The City of Richland adjoins the southernmost portion of the Hanford Site boundary and is the nearest population center. In early 1943, the U.S. Army Corps of Engineers selected the Hanford Site as the location for reactor, chemical separation, and related facilities for the production and purification of plutonium. A total of eight graphite-moderated reactors using Columbia River water for once-through cooling were built along the river. These reactors were operated from 1944 to 1971.  N Reactor, a dual-purpose reactor for production of plutonium and generation of byproduct steam for production of electricity, uses recirculating water coolant. N Reactor began operating in 1963 and was placed in permanent shutdown status in 1991.  Activities are centralized in numerically designated areas on the Hanford Site. The reactor facilities (active and decommissioned) are located along the Columbia River in the 100 Areas. The reactor fuel processing and waste management facilities are located in the 200 Areas, situated on a plateau about 7 miles (11.2 km) from the river. The 300 Area, located north of Richland, contains mostly reactor fuel manufacturing facilities and research and development laboratories. The 400 Area, 5 miles (8 km) northwest of the 300 Area, contains the Fast Flux Test facility. The 1100 Area, north of Richland, contains buildings associated with maintenance and transportation functions for the Hanford Site. Administrative buildings and other research and development laboratories are found in the 3000 Area, also north of Richland North Area (RCHN). Administrative buildings are also located in the 700 Area in downtown Richland.									
Modification Class: <sup>2 3</sup> please check one of the Classes:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Class 1</td> <td style="width: 25%;">Class '1</td> <td style="width: 25%;">Class 2</td> <td style="width: 25%;">Class 3</td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> </tr> </table>	Class 1	Class '1	Class 2	Class 3	X			
Class 1	Class '1	Class 2	Class 3						
X									
Relevant WAC 173-303-830, Appendix I Modification: A:1									
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>  A. General Permit Provisions: 1. Administrative and informational changes.									
Submitted by Co-Operator:  G. W. McNair	Reviewed by RL Program Office:  R. F. Christensen	Reviewed by Ecology:  Jeanne Yudora							
3/20/98 Date	4/17/98 Date	4/23/98 Date							

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup>This is only an advanced notification of an intended Class '1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup>If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to '1, if appropriate.

## Hanford Facility RCRA Permit Modification Notification Form

Unit:  <b>305-B Storage Facility</b>	Permit Part & Chapter:  <b>Part III [Section 2.1.2]</b>
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Description of Modification:

Page 2-3, Section 2.1.2, lines 1-18:

**2.1.2 The 305-B Storage Unit**

The 305-B Storage Unit is a dangerous waste and RMW storage unit owned and operated by DOE and co-operated by PNNL-PNL. The unit is used for the collection, consolidation, packaging, storage, and preparation for transport and disposal of both dangerous waste and RMW. It is an integral part of the Hanford Site's waste management system.

The 305-B unit is a one-story frame and masonry building with basement constructed in the early 1950s, with an attached two-story-high metal and concrete building constructed in January 1978, referred to in this document as the "high bay." The unit is located within the 300 Area, as shown in Figure 2-2, and was formerly used for engineering research and development. Unit upgrades were completed in 1988 to meet requirements for storage of dangerous waste and RMW. Waste storage under interim status began in March 1989.

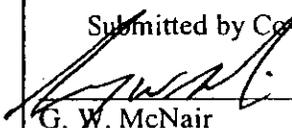
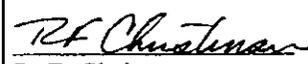
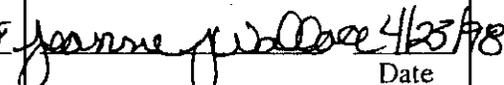
A variety of small volume chemical wastes are generated by PNNL's-PNL's research laboratory activities under contract to DOE. These wastes are brought to the 305-B unit and segregated by compatibility for storage in the unit until enough waste is accumulated to fill a labpack or bulking container, usually a 30- to 55-gallon drum. When a sufficient number of shipping containers of waste has accumulated, they are manifested for shipment, generally to permitted off-site recycling, treatment or disposal facilities.

Modification Class: <sup>2,3</sup> please check one of the Classes:	Class 1	Class '1	Class 2	Class 3
	X			

Relevant WAC 173-303-830, Appendix I Modification: A.1

Enter wording of the modification from WAC 173-303-830, Appendix I citation:

- A. General Permit Provisions:  
 1. Administrative and informational changes.

Submitted by Co-Operator:  G. W. McNair	3/20/98 Date	Reviewed by RL Program Office:  R. F. Christensen	4/7/98 Date	Reviewed by Ecology:  Joanne J. [unclear]	4/23/98 Date
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<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class '1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to '1, if appropriate.

## Hanford Facility RCRA Permit Modification Notification Form

Unit:  <b>305-B Storage Facility</b>	Permit Part & Chapter:  <b>Part III [Section 2.4]</b>
--	---

Description of Modification:

Page 2-11, Section 2.4, lines 1-17:

**2.4 TRAFFIC INFORMATION [B-4]**

The DOE-controlled Hanford Site is traversed by numerous primary and secondary roads as shown by Figure 2-6. The DOE roadways inside the site, except for Routes 4S and 10 south of the Wye Barricade, are restricted to authorized personnel and cannot be accessed by the general public. The majority of the site traffic consists of light duty vehicles ~~and buses used~~ to transport employees to various operation sites within the Hanford boundary. Primary routes include Routes 4S, 10, 4N, 2N, 1, 6, 11A, as well as various avenues within the site boundary. The primary routes are constructed of bituminous asphalt (usually 2 in. thick, but the thickness of the asphalt layer will vary with each road) with an underlying aggregate base in accordance with U.S. Department of Transportation (DOT) requirements. The secondary routes are constructed of layers of an oil and rock mixture with an underlying aggregate base. The aggregate base consists of various types and sizes of rock found on site. Currently, no load-bearing capacities of these roads are available; however, loads as large as 140 pounds per square in. have been transported without observable damage to road surfaces.

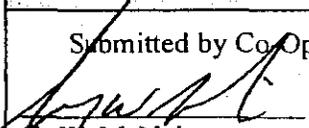
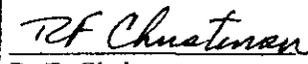
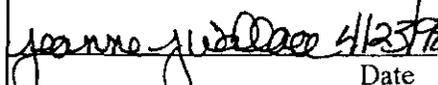
Access to the 300 Area by vehicular traffic is by Stevens Drive and George Washington Way. Traffic on Stevens Drive consists of personal vehicles, ~~buses~~ for the transport of personnel to and from work, and light duty trucks for the transport of materials. Traffic on George Washington Way consists almost exclusively of personal vehicles.

Modification Class: <sup>2 3</sup> please check one of the Classes:	Class 1	Class <sup>1</sup> 1	Class 2	Class 3
	X			

Relevant WAC 173-303-830, Appendix I Modification: A.2

Enter wording of the modification from WAC 173-303-830, Appendix I citation:

- A. General Permit Provisions:  
 1. Administrative and informational changes.

Submitted by Co-Operator:  G. W. McNair	Reviewed by RL Program Office:  R. F. Christensen	Reviewed by Ecology:  Joanne Judice
3/20/98 Date	4/7/98 Date	4/23/98 Date

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.

## Hanford Facility RCRA Permit Modification Notification Form

Unit:  <b>305-B Storage Facility</b>	Permit Part & Chapter:  <b>Part III [Section 2.5.8]</b>
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Description of Modification:

Page 2-14, Section 2.5.8, lines 26-32:

**2.5.8 Measures to Prevent the Use of Processes That Do Not Treat, Detoxify, Recycle, Reclaim, and Recover Waste Material to the Extent Economically Feasible**

The 305-B unit was established, in part, to enhance DOE's and PNNL's-PNL's efforts to eliminate or minimize dangerous waste generation, and to treat, detoxify, recycle, reclaim and recover waste materials. A full description of the efforts being undertaken at the 305-B unit to eliminate or minimize waste generation is presented in Chapter 10 of this application.

Modification Class: <sup>23</sup>

please check one of the Classes:

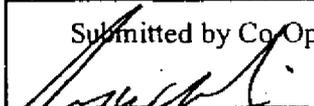
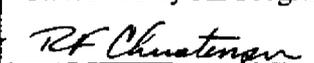
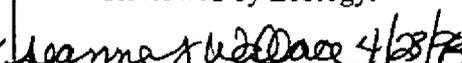
Class 1	Class <sup>1</sup>	Class 2	Class 3
X			

Relevant WAC 173-303-830, Appendix I Modification: A.1

Enter wording of the modification from WAC 173-303-830, Appendix I citation:

A. General Permit Provisions:

1. Administrative and informational changes.

Submitted by Co Operator:  <b>B. W. McNair</b> Date <u>3/20/98</u>	Reviewed by RL Program Office:  <b>R. F. Christensen</b> Date <u>4/7/98</u>	Reviewed by Ecology:  <b>Joanna J. Dace</b> Date <u>4/23/98</u>
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<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

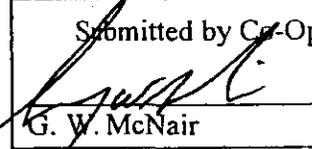
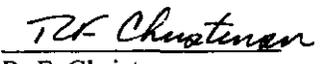
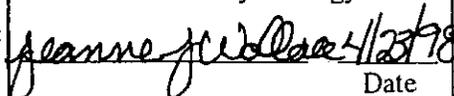
<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>, if appropriate.

<b>Hanford Facility RCRA Permit Modification Notification Form</b>					
Unit: <b>305-B Storage Facility</b>	Permit Part & Chapter: <b>Part III [Section 2.5.8]</b>				
<p><u>Description of Modification:</u></p> <p>Page 2-19, Section 2.5.8, lines 6-10:</p> <p>If the waste is found to be acceptable for transport, Waste Management staff will check to ensure required labels are in place, and transport (or arrange for transport of) the waste to 305-B. If transport will be over public roadways or highways, a Uniform Hazardous Waste Manifest will be prepared identifying PNNL-PNL as the transporter and 305-B as the receiving TSD unit. A copy of all such manifests is returned to the generating unit within 30 days of receipt at 305-B. A copy of the manifest is also retained at 305-B.</p>					
Modification Class: <sup>2,3</sup> please check one of the Classes:	Class 1 X	Class <sup>1</sup> 1	Class 2	Class 3	
Relevant WAC 173-303-830, Appendix I Modification: A.1					
Enter wording of the modification from WAC 173-303-830, Appendix I citation:					
<p>A. General Permit Provisions:</p> <p>1. Administrative and informational changes.</p>					
Submitted by Co-Operator: <i>G. W. McNair</i> G. W. McNair	Date <i>3/20/98</i> Date	Reviewed by RL Program Office: <i>R. F. Christensen</i> R. F. Christensen	Date <i>4/7/98</i> Date	Reviewed by Ecology: <i>Jeanne J. Wallace</i> Jeanne J. Wallace	Date <i>4/23/98</i> Date

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class 1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

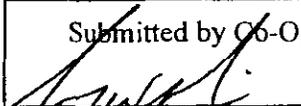
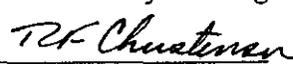
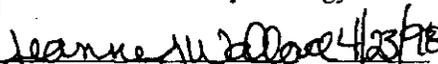
<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.

<b>Hanford Facility RCRA Permit Modification Notification Form</b>					
Unit: <b>305-B Storage Facility</b>	Permit Part & Chapter: <b>Part III [Figure 2-8]</b>				
<u>Description of Modification:</u> Page 2-21, Figure 2-8: Corrected page numbering: 2-21 <del>2-19</del>					
Modification Class: <sup>23</sup> please check one of the Classes:	Class 1 X	Class <sup>1</sup> 1	Class 2	Class 3	
Relevant WAC 173-303-830, Appendix I Modification: A.2					
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u> A. General Permit Provisions: 2. Correction to typographical errors					
Submitted by Co-Operator:  G. W. McNair	Date 3/20/98	Reviewed by RL Program Office:  R. F. Christensen	Date 4/7/98	Reviewed by Ecology:  Jeanne J. [unclear]	Date 4/23/98

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

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<b>Hanford Facility RCRA Permit Modification Notification Form</b>					
Unit: <b>305-B Storage Facility</b>	Permit Part & Chapter: <b>Part III [Figure 2-9]</b>				
<u>Description of Modification:</u>  Page 2-22, Figure 2-9:  Corrected page numbering: 2-22 <del>2-20</del>					
Modification Class: <sup>23</sup> please check one of the Classes:	Class 1 X	Class <sup>1</sup>	Class 2	Class 3	
Relevant WAC 173-303-830, Appendix I Modification: A.2					
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>  A. General Permit Provisions: 2. Correction to typographical errors					
Submitted by Co-Operator:  G. W. McNair	Date 3/20/98	Reviewed by RL Program Office:  R. F. Christensen	Date 4/7/98	Reviewed by Ecology:  Jeanne J. Dore	Date 4/23/98

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>, if appropriate.

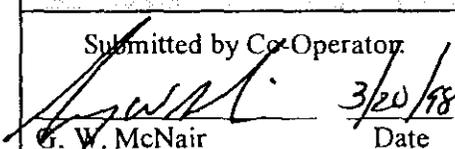
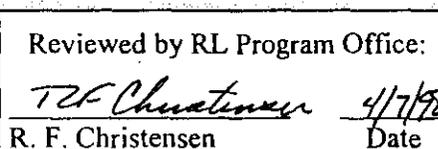
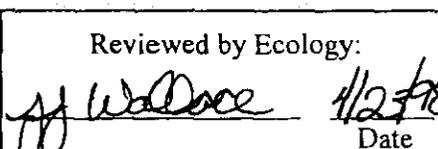
<b>Hanford Facility RCRA Permit Modification Notification Form</b>				
Unit: <b>305-B Storage Facility</b>	Permit Part & Chapter: <b>Part III [Chapter 3]</b>			
<p><u>Description of Modification:</u></p> <p>Providing complete Chapter 3. Converted document from WordPerfect 5.1, which caused all page breaks to shift. This version of Chapter 3 will be Revision 1A.</p>				
Modification Class: <sup>2 3</sup> please check one of the Classes:	Class 1 X	Class <sup>1</sup>	Class 2	Class 3
Relevant WAC 173-303-830, Appendix I Modification: A.1.				
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>				
<p>A. General Permit Provisions:</p> <p>1. Administrative and informational changes.</p>				
Submitted by Co-Operator: <i>G. W. McNair</i> G. W. McNair	Date 3/20/98	Reviewed by RL Program Office: <i>R. F. Christensen</i> R. F. Christensen	Date 4/17/98	Reviewed by Ecology: <i>Jeanne [Signature]</i> Date 4/23/98

<sup>1</sup>Class I modifications requiring prior Agency approval.

<sup>2</sup>This is only an advanced notification of an intended Class <sup>1</sup>, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup>If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>, if appropriate.

## Hanford Facility RCRA Permit Modification Notification Form

Unit:  <b>305-B Storage Facility</b>	Permit Part & Chapter:  <b>Part III [Section 3.2]</b>								
<u>Description of Modification:</u>  Page 3-4, Section 3.2, lines 14-26:  <b>3.2 WASTE ANALYSIS PLAN [C-2]</b>  This section describes the procedures used to obtain the information necessary to manage wastes in accordance with the requirements of WAC 173-303 (Ecology 1989). This section is intended to correlate with the Waste Analysis Plan submitted in the Hanford Facility Permit Application (DOE/RL-91-28). If that plan is modified, this plan will be modified to reflect those changes.  Most of the information necessary to manage wastes at 305-B is obtained from generating units without the need to perform detailed chemical, physical, and biological analysis. This approach is used for the following reasons: <ul style="list-style-type: none"> <li>• All wastes stored at 305-B are generated on the Hanford Site and/or by PNNL-PNL research programs; effective administrative control can be maintained over individual waste generating units (i.e., the same organization generates the wastes and operates the storage unit)</li> </ul>									
Modification Class: <sup>2,3</sup> please check one of the Classes:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Class 1</td> <td style="width: 25%;">Class 1<sup>1</sup></td> <td style="width: 25%;">Class 2</td> <td style="width: 25%;">Class 3</td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> </tr> </table>	Class 1	Class 1 <sup>1</sup>	Class 2	Class 3	X			
Class 1	Class 1 <sup>1</sup>	Class 2	Class 3						
X									
<u>Relevant WAC 173-303-830, Appendix I Modification:</u>									
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>									
A. General Permit Provisions: I. Administrative and informational changes.									
Submitted by Co-Operator:  G. W. McNair Date: 3/20/98	Reviewed by RL Program Office:  R. F. Christensen Date: 4/7/98	Reviewed by Ecology:  J. Wallace Date: 4/23/98							

<sup>1</sup>Class I modifications requiring prior Agency approval.

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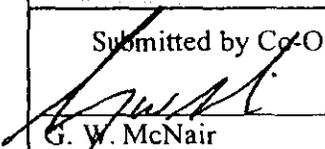
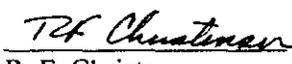
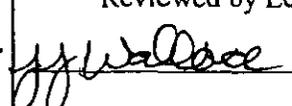
<b>Hanford Facility RCRA Permit Modification Notification Form</b>				
Unit: <b>305-B Storage Facility</b>	Permit Part & Chapter: <b>Part III [Section 3.2]</b>			
<u>Description of Modification:</u> Page 3-6, Section 3.2, lines 36-39:  <u>Transportation.</u> The labeled containers are transported to 305-B by PNNL-PNL staff. Staff responsible for transporting wastes are trained in applicable DOT requirements and emergency response. Wastes are transported using a truck or light utility vehicle. For transport on roads accessible to the public, the vehicles are placarded in compliance with DOT regulations and manifested in compliance with WAC 173-303-180, as applicable.				
Modification Class: <sup>2,3</sup> please check one of the Classes:	Class 1 X	Class <sup>1</sup>	Class 2	Class 3
Relevant WAC 173-303-830, Appendix I Modification: A.1.				
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>  A. General Permit Provisions: 1. Administrative and informational changes.				
Submitted by Co-Operator: <i>G. W. McNair</i> G. W. McNair	Date <i>3/20/98</i> Date	Reviewed by RL Program Office: <i>R. F. Christensen</i> R. F. Christensen	Date <i>4/7/98</i> Date	Reviewed by Ecology: <i>J. Wallace</i> Date

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## Hanford Facility RCRA Permit Modification Notification Form

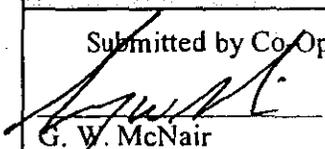
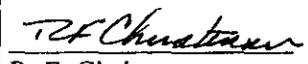
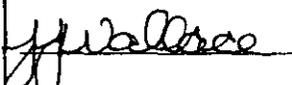
Unit:  <b>305-B Storage Facility</b>	Permit Part & Chapter:  <b>Part III [Section 3.2]</b>								
<u>Description of Modification:</u>  Page 3-7, Section 3.2, lines 41-49; and Page 3-8, lines 1-8:  <u>Waste Handling, Storage, and Tracking at 305-B.</u> Wastes received at 305-B are put into 14-13 separate hazard classifications based on building and fire code restrictions for that type of facility: <ol style="list-style-type: none"> <li>1. Nonflammable RMW</li> <li>2. Oxidizers</li> <li>3. Acids, (organic and inorganic)</li> <li>4. Poison</li> <li>5. Caustics</li> <li>6. Non-Regulated</li> <li>7. Miscellaneous (Class 9 categories)</li> <li>8. Washington State only waste (e.g., sodium chloride, sodium bicarbonate)</li> <li>9. Compressed Gases (including aerosols)</li> <li>10. Flammable Solids</li> <li>11. Flammable and combustible liquids</li> <li>12. Flammable and combustible RMW</li> <li>13. TSCA wastes (PCB and asbestos) waste</li> <li>14. Special Case wastes (organic peroxides, explosives, etc.)</li> </ol>									
Modification Class: <sup>2 3</sup> please check one of the Classes:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Class 1</th> <th style="width: 25%;">Class <sup>1</sup></th> <th style="width: 25%;">Class 2</th> <th style="width: 25%;">Class 3</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Class 1	Class <sup>1</sup>	Class 2	Class 3	X			
Class 1	Class <sup>1</sup>	Class 2	Class 3						
X									
Relevant WAC 173-303-830, Appendix I Modification: A.2									
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>  A. General Permit Provisions: 2. Correction to typographical errors									
Submitted by Co-Operator:  G. W. McNair Date: 3/20/98	Reviewed by RL Program Office:  R. F. Christensen Date: 4/7/98	Reviewed by Ecology:  J. Wallace Date: 4/23/98							

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## Hanford Facility RCRA Permit Modification Notification Form

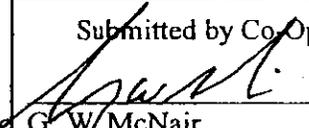
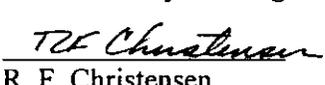
Unit:  <b>305-B Storage Facility</b>	Permit Part & Chapter:  <b>Part III [Section 3.2.5]</b>								
<u>Description of Modification:</u> Page 3-13, Section 3.2.5, lines 22-30:  <b>3.2.5 Additional Requirements for Waste Generated Offsite [C-2e]</b>  All wastes stored at 305-B are generated on the Hanford Site and/or by PNNL PNL research programs; in fact, most of the wastes stored in the unit are generated within the 300 Area. Additional requirements for wastes generated outside the 300 Area include proper manifesting (if appropriate) to 305-B and proper packaging for transport over public roadways. Although wastes generated outside of the 300 Area may be considered to be generated offsite since they are transported to 305-B on roads accessible to the public, they are under the same administrative controls as wastes which are generated onsite (i.e., in the 300 Area). There are no additional requirements, therefore, for wastes generated offsite.									
Modification Class: <sup>2,3</sup> please check one of the Classes:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Class 1</td> <td style="width: 25%;">Class <sup>1</sup>1</td> <td style="width: 25%;">Class 2</td> <td style="width: 25%;">Class 3</td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> </tr> </table>	Class 1	Class <sup>1</sup> 1	Class 2	Class 3	X			
Class 1	Class <sup>1</sup> 1	Class 2	Class 3						
X									
Relevant WAC 173-303-830, Appendix I Modification: <b>A.1</b>									
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>  A. General Permit Provisions: 1. Administrative and informational changes.									
Submitted by Co Operator:  G. W. McNair	Reviewed by RL Program Office:  R. F. Christensen	Reviewed by Ecology:  J. Wallace							
3/20/98 Date	4/7/98 Date	4/23/98 Date							

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## Hanford Facility RCRA Permit Modification Notification Form

Unit:  <b>305-B Storage Facility</b>	Permit Part & Chapter:  <b>Part III [Section 3.2.6]</b>								
<u>Description of Modification:</u> Page 3-13, Section 3.2.6, lines 32-40:  <b>3.2.6 Additional Requirements for Ignitable, Reactive, or Incompatible Wastes [C-2f]</b>  As described in Section 2.1, wastes stored at 305-B are divided into DOT hazard classes and stored in separate locations to ensure compatibility. The testing parameters identified in Table 3-2 are sufficient to properly identify the hazard class of unknown wastes and assure proper separation of incompatible wastes. The parameters in Table 3-2 are also appropriate to identify ignitable wastes to ensure that these wastes are stored in appropriate locations. The test parameters will also allow identification of those ignitable wastes which are also flammable wastes (i.e., flash point $\leq 141^{\circ}\text{F}$ or $60.5^{\circ}\text{C}$ <del>flash point less than <math>100^{\circ}\text{F}</math> or <math>38^{\circ}\text{C}</math></del> ). Identification of flammable wastes is necessary since there are restrictions on the amount of flammable liquids that can be stored in 305-B.									
Modification Class: <sup>2,3</sup> please check one of the Classes:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Class 1</td> <td style="width: 25%;">Class '1</td> <td style="width: 25%;">Class 2</td> <td style="width: 25%;">Class 3</td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> </tr> </table>	Class 1	Class '1	Class 2	Class 3	X			
Class 1	Class '1	Class 2	Class 3						
X									
Relevant WAC 173-303-830, Appendix I Modification: A.1									
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>  A. General Permit Provisions: 1. Administrative and informational changes.									
Submitted by Co-Operator:  G. W. McNair	Reviewed by RL Program Office:  R. F. Christensen	Reviewed by Ecology:  J. Wallace							
3/20/78 Date	4/7/78 Date	4/23/78 Date							

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<b>Hanford Facility RCRA Permit Modification Notification Form</b>				
Unit: <b>305-B Storage Facility</b>	Permit Part & Chapter: <b>Part III [Section 4.1.1.1]</b>			
<p><u>Description of Modification:</u></p> <p>Page 4-1, Section 4.1.1.1, lines 12-25:</p> <p><b>4.1.1.1 Description of Containers [D-1a(1)].</b> Most wastes stored at the 305-B Storage Unit are received in their original, as-procured containers. Containers of hazardous materials entering 305-B are inspected before being accepted for storage. Generating units are responsible for placing the materials in adequate containers. Repackaged materials must be placed in containers that are new and compatible with the materials to be stored.</p> <p>Containers in poor condition or inadequate for storage are not accepted at the unit. If transport is by unit personnel, such containers are not accepted for transport. See Section 6.4.1 for inspection prior to transport performed by unit personnel. "Container in poor condition or inadequate for storage" means a container which is not intact or undamaged and which is not securely sealed to prevent leakage during storage, transport and ultimate offsite disposal. Examples of acceptable packagings include laboratory reagent bottles, DOT containers, spray cans, sealed ampules, paint cans, leaking containers which have been overpacked, etc. Unit operations personnel have the authority to determine whether a container is in poor condition or inadequate for storage, using the criteria of WAC 173-303-190-199 and professional judgement whether the packaging may leak during handling, storage and/or disposal.</p>				
Modification Class: <sup>2,3</sup> please check one of the Classes:	Class 1 X	Class <sup>1</sup> 1	Class 2	Class 3
Relevant WAC 173-303-830, Appendix I Modification: A.2.				
Enter wording of the modification from WAC 173-303-830, Appendix I citation:				
A. General Permit Provisions: 2. Correction to typographical errors				
Submitted by Co-Operator: <i>G. W. McNair</i> G. W. McNair	Date: 3/20/98 Date	Reviewed by RL Program Office: <i>R. F. Christensen</i> R. F. Christensen	Date: 4/7/98 Date	Reviewed by Ecology: <i>J. Wallace</i> J. Wallace
Date: 4/27/98 Date				

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## Hanford Facility RCRA Permit Modification Notification Form

Unit:  <b>305-B Storage Facility</b>	Permit Part & Chapter:  <b>Part III [Section 4.1.1.2]</b>
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Description of Modification:

Page 4-2, Section 4.1.1.2, lines 12-31:

Lab Packing. One of the major functions of the 305-B Storage Unit is the preparation of lab packs for offsite recycling, treatment and/or disposal of small quantity lab wastes generated by DOE-RL/PNNL activities.

Lab packs are prepared in compliance with WAC 173-303-161, 49 CFR 173.12, other applicable regulations, and permit conditions of the planned receiving facility (recycler, treatment facility, or disposal facility). Permit conditions affecting preparation of lab packs might include types of absorbent materials to be used (e.g., no vermiculite).

Lab packs are prepared in the storage cell containing the hazard class(es) to be placed in the lab pack. The elephant trunk ventilator system is used to minimize respirable dusts from the absorbent material being used (usually vermiculite ~~diatomaceous earth~~). Lab packs may also be prepared in the flammable liquid bulking module if appropriate; for instance, if compatible materials from more than one storage cell are being combined in a single lab pack drum. Lab packs may be prepared in the high bay storage area if storage of the completed lab pack is permitted there per Section 4.3.2.

Partial and completed lab packs are closed, labeled, and the contents list documented. Labpacks are stored in the cell from which the containers inside were drawn, or in the high bay if appropriate.

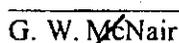
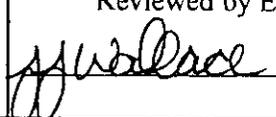
Unit personnel wear appropriate protective clothing while handling containers being placed in lab packs. At a minimum this includes labcoats, safety glasses or other protective eyewear, and chemical resistant gloves. More stringent requirements, including use of respiratory protection, may be imposed if appropriate.

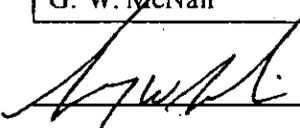
Modification Class: <sup>23</sup>	Class 1	Class <sup>1</sup> 1	Class 2	Class 3
please check one of the Classes:	X			

Relevant WAC 173-303-830, Appendix I Modification: A.1

Enter wording of the modification from WAC 173-303-830, Appendix I citation:

- A. General Permit Provisions:  
 1. Administrative and informational changes.

Submitted by Co-Operator:	Reviewed by RL Program Office:	Reviewed by Ecology:
 G. W. McNair	 R. F. Christensen	 J. Wallace
Date	Date	Date
3/20/98	4/7/98	4/23/98

 3/20/98

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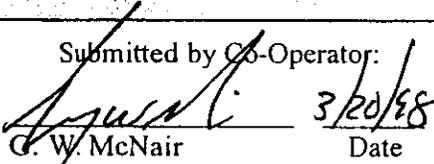
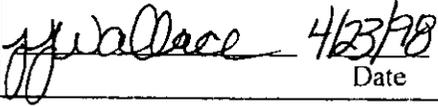
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<b>Hanford Facility RCRA Permit Modification Notification Form</b>				
Unit: <b>305-B Storage Facility</b>	Permit Part & Chapter: <b>Part III [Section 6.3.1.1]</b>			
<u>Description of Modification:</u>				
Page 6-9, Section 6.3.1.1, lines 22-42:				
<p><b>6.3.1.1 Internal Communications [F-3a(1)].</b> Internal communication systems are used to provide immediate emergency instruction to personnel in 305-B. Internal communications address general emergencies which may occur in the 300 Area as well as specific emergencies which may occur in 305-B.</p> <p>Because of the nature of activities which occur in the 300 Area, the potential exists for emergencies outside of 305-B (e.g., release of radioactive materials) which could impact operations and staff in 305-B. For this reason, the general emergency signals for the 300 Area are applicable to 305-B. These signals are summarized in Table 6-1. Fire alarm signals are located in each building throughout the 300 Area. The nearest emergency siren for "area evacuation" and "take cover" is located 300 yards southeast of 305-B, on top of the 326 Building, and is audible in all parts of 305-B. Because fissile materials are not handled in 305-B, there is no criticality alarm for the unit.</p> <p>Internal communications to provide emergency instruction in the event of an emergency in 305-B are fire alarms, public address (PA) system, and telephones. The fire alarms are to be used to provide notification for immediate evacuation of 305-B. Fire alarm pull boxes are located at all exits of the facility such that operating personnel have immediate access to one in all portions of 305-B. Four fire alarm bells are located within the 305-B and are audible at all locations within the building. The locations of the fire alarm bells are shown in Figure 6-4 and are as follows: (1) an office wing on the northeast hall; (2) an office wing next to the east entrance; (3) on the south wall of the basement; and (4) on the northwest northeast wall of the high bay. The PA system is to be used for building-wide broadcasting of verbal emergency instructions to 305-B staff. The PA system can be accessed from any unit telephone by dialing 6-1885. The PA system speakers are located in the high bay, in the basement, and in the office wing of 305-B.</p>				
Modification Class: <sup>2,3</sup> please check one of the Classes:	Class 1 X	Class <sup>1</sup> 1	Class 2	Class 3
Relevant WAC 173-303-830, Appendix I Modification: A.1				
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>				
A. General Permit Provisions: 1. Administrative and informational changes.				
Submitted by Co-Operator: <i>G.W. McNair</i> Date: <i>3/20/98</i>	Reviewed by RL Program Office: <i>R.F. Christensen</i> Date: <i>4/7/98</i>		Reviewed by Ecology: <i>J. J. [Signature]</i> Date: <i>4/23/98</i>	

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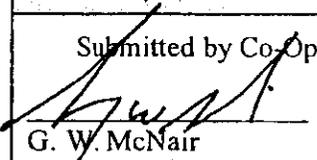
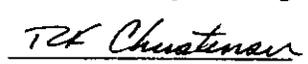
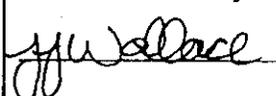
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<b>Hanford Facility RCRA Permit Modification Notification Form</b>				
Unit: <b>305-B Storage Facility</b>	Permit Part & Chapter: <b>Part III [Section 6.3.1.3]</b>			
<u>Description of Modification:</u> Page 6-10, Section 6.3.1.3, lines 18-34:  <b>6.3.1.3 Emergency Equipment [F-3a(3)].</b> Emergency equipment available for trained 305-B personnel includes portable fire extinguishers, a fire suppression system, spill response equipment, and decontamination equipment. Six portable 10-lb ABC fire extinguishers, one 15-lb (or larger) Class D fire extinguisher for combustible metals, and <del>two</del> one portable 14-lb Halon fire extinguishers are available at various locations throughout 305-B, as shown in Figure 6-4. The 10-lb ABC extinguishers are located: (1) next to the east entrance; (2) northwest end of the basement; (3) southwest end of the high bay; (4) outside of the bulking module door; (5) <del>north</del> south of Cell No. 4 entrance; and (6) north-west end of high bay. The 15-lb (or larger) class D extinguisher is located on the exterior of the organics cell wall <del>south</del> north of the entrance. The <del>two 14-lb</del> one Halon fire extinguishers <del>are</del> is located in the office area.  The facility is also equipped with an automatic fire suppression system consisting of galvanized steel, schedule 40 per ASTM A120 pipe and 150-lb malleable iron per ANSI B16.3 fittings. All components are UL-listed or FM-approved, and installation of the fire sprinkler system has been conducted in accordance with NFPA 13 for ordinary hazard. Spill cleanup supplies and equipment maintained are summarized in Table 6-2. Two emergency eye wash/showers are available for emergency personnel decontamination. The locations of the emergency eye wash/showers are shown in Figure 6-4. If needed, additional emergency equipment can be provided by the Hanford Fire Department. Emergency equipment available through the Hanford Fire Department for hazardous materials response is identified in Appendix 6A.				
Modification Class: <sup>2,3</sup> please check one of the Classes:	Class 1 X	Class <sup>1</sup> 1	Class 2	Class 3
Relevant WAC 173-303-830, Appendix I Modification: A.1				
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u> A. General Permit Provisions: 1. Administrative and informational changes.				
Submitted by Co-Operator:  G. W. McNair	3/20/98 Date	Reviewed by RL Program Office:  R. F. Christensen	4/7/98 Date	Reviewed by Ecology:  J. Wallace
Date				

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.

<b>Hanford Facility RCRA Permit Modification Notification Form</b>				
Unit: <b>305-B Storage Facility</b>	Permit Part & Chapter: <b>Part III [Section 7.4.1]</b>			
<p><u>Description of Modification:</u></p> <p>Page 7-4, Section 7.4.1, lines:</p> <p><u>Building Emergency Director (BED) (or alternate)</u></p> <ol style="list-style-type: none"> <li>1. Notify the Single Point Contact if an evacuation is needed. EXCEPTION: If only 305-B needs to be evacuated, activate the fire alarm first, then notify the Single Point Contact.</li> <li>2. Arrange for care of any injured employees, utilizing the Single Point Contact for notification of ambulance services.</li> <li>3. Notify the Single Point Contact of any need to activate the 300 Area Emergency Control Center (ECC) described in the Sitewide Emergency Plan. Activation of the ECC should be done whenever technical assistance in evaluating a spill is required, when the emergency may affect other neighboring buildings, or when otherwise deemed necessary by the BED. See Section 7.5.5.</li> <li>4. Provide for off-normal event notification in accordance with DOE Order 5000.3A, PNL-MA-11, and other established site procedures, within 30 minutes of discovery. (Normally this is done through the Single Point Contact.)</li> <li>5. Provide details on incident to Environmental, Safety, &amp; Health Directorate <del>Laboratory Safety</del> as they become available.</li> </ol>				
Modification Class: <sup>2,3</sup> please check one of the Classes:	Class 1 X	Class <sup>1</sup>	Class 2	Class 3
Relevant WAC 173-303-830, Appendix I Modification: A.1				
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>				
A. General Permit Provisions: 1. Administrative and informational changes.				
Submitted by Co-Operator:  G. W. McNair	Date: 3/20/98	Reviewed by RL Program Office:  R. F. Christensen	Date: 4/7/98	Reviewed by Ecology:  J. Wallace
Date: 4/23/98				

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>, if appropriate.

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**Hanford Facility RCRA Permit Modification Notification Forms**

**for**

**Part III, Chapter 4**

**Liquid Effluent Retention Facility & 200 Area Effluent Treatment Facility**

**Page 1 of 13**

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## Hanford Facility RCRA Permit Modification Notification Form

Unit:  Liquid Effluent Retention Facility & 200 Area Effluent Treatment Facility	Permit Part & Chapter:  Part III, Chapter 4 [Section 4.2.3]								
<u>Description of Modification:</u>  Page 4-4, Section 4.2.3, lines 21-33:  <b>4.2.3 Primary Treatment Train</b>  The primary treatment train consists of the following units processes: <ul style="list-style-type: none"> <li>● Influent Receipt/Surge tank - inlet, surge capacity</li> <li>● Filtration - for suspended solids removal</li> <li>● UV/OX - organic destruction</li> <li>● pH adjustment - waste neutralization</li> <li>● Hydrogen peroxide decomposition - removal of excess hydrogen peroxide</li> <li>● Degasification - removal of carbon dioxide</li> <li>● RO - removal of dissolved solids and radionuclides</li> <li>● IX - removal of dissolved solids and radionuclides</li> <li>● Verification - holding tanks during verification.</li> </ul>									
Modification Class: <sup>2,3</sup> please check one of the Classes:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Class 1</td> <td style="width: 25%;">Class <sup>1</sup>1</td> <td style="width: 25%;">Class 2</td> <td style="width: 25%;">Class 3</td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> </tr> </table>	Class 1	Class <sup>1</sup> 1	Class 2	Class 3	X			
Class 1	Class <sup>1</sup> 1	Class 2	Class 3						
X									
Relevant WAC 173-303-830, Appendix I Modification: A.1									
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>  A. General Permit Provisions: 1. Administrative and informational changes.									
Submitted by Co-Operator: <i>K. G. Svoboda for</i> C. G. Mattsson	Reviewed by RL Program Office: <i>H. E. Bilson</i> H. E. Bilson	Reviewed by Ecology: <i>Sheryl Shank</i> Date							
<i>3/27/98</i> Date	<i>4/8/98</i> Date	<i>4/29/98</i> Date							

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup>This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup>If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.

## Hanford Facility RCRA Permit Modification Notification Form

Unit:  Liquid Effluent Retention Facility & 200 Area Effluent Treatment Facility	Permit Part & Chapter:  Part III, Chapter 4 [Section 4.4]								
<u>Description of Modification:</u>  Page 4-15, Section 4.4, lines 12-21:  <b>4.4 TANK SYSTEMS [D-2]</b>  This section provides specific information on tank systems and process units. This section also includes, including a discussion on the types of waste to be managed in the tanks, tanks design information, integrity assessments, and additional information on the ETF tanks that treat and store dangerous and/or mixed waste. Detailed drawings of the ETF tank systems are provided in Appendix 4B. The ETF dangerous waste tanks are identified in Section 4.4.1.1, and the relative locations of the tanks and process units in the ETF are presented in Figure 4-3. The major process units and tanks include: <ul style="list-style-type: none"> <li>● Load-In Station</li> <li>● UV/OX</li> <li>● RO</li> <li>● IX/Polishers</li> <li>● Verification tanks</li> <li>● ETF evaporator</li> <li>● Thin film dryer:</li> </ul>									
Modification Class: <sup>2,3</sup> please check one of the Classes:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Class 1</td> <td style="width: 25%;">Class <sup>1</sup>1</td> <td style="width: 25%;">Class 2</td> <td style="width: 25%;">Class 3</td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> </tr> </table>	Class 1	Class <sup>1</sup> 1	Class 2	Class 3	X			
Class 1	Class <sup>1</sup> 1	Class 2	Class 3						
X									
Relevant WAC 173-303-830, Appendix I Modification: A.1									
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>  A. General Permit Provisions: 1. Administrative and informational changes.									
Submitted by Co-Operator: <i>C. G. Mattsson</i> C. G. Mattsson	Reviewed by RL Program Office: <i>H. E. Bilson</i> H. E. Bilson	Reviewed by Ecology: <i>Steven Shuck</i> Steven Shuck							
<i>3/27/98</i> Date	<i>4/8/98</i> Date	<i>4/29/98</i> Date							

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.





## Hanford Facility RCRA Permit Modification Notification Form

Unit:  Liquid Effluent Retention Facility & 200 Area Effluent Treatment Facility	Permit Part & Chapter:  Part III, Chapter 4 [Section 4.4.1.1]								
<u>Description of Modification:</u>  Page 4-17, Section 4.4.1.1, lines 21-24:  The relative location of these tanks is presented in Figure 4-2 4-3. These tanks are maintained at or near atmospheric pressure. The codes and standards applicable to the design, construction, and testing of the above tanks and ancillary piping systems are as follows:									
Modification Class: <sup>23</sup> please check one of the Classes:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Class 1</td> <td style="width: 25%;">Class <sup>1</sup>1</td> <td style="width: 25%;">Class 2</td> <td style="width: 25%;">Class 3</td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> </tr> </table>	Class 1	Class <sup>1</sup> 1	Class 2	Class 3	X			
Class 1	Class <sup>1</sup> 1	Class 2	Class 3						
X									
Relevant WAC 173-303-830, Appendix I Modification:									
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>  A. General Permit Provisions: 1. Administrative and informational changes.									
Submitted by Co-Operator: <i>K. G. Svoboda for</i> C. G. Mattsson	Reviewed by RI Program Office: <i>Allen G. Bilson</i> H. E. Bilson	Reviewed by Ecology: <i>Steve Shuck</i> Date							
<i>3/27/98</i> Date	<i>4/9/98</i> Date	<i>4/29/98</i> Date							

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup>This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup>If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.

<b>Hanford Facility RCRA Permit Modification Notification Form</b>					
Unit:  Liquid Effluent Retention Facility & 200 Area Effluent Treatment Facility		Permit Part & Chapter:  Part III, Chapter 4 [Section 4.4.4.1]			
<u>Description of Modification:</u>  Page 4-24, Section 4.4.4.1, lines 29-34:  <b>Sprinkler System.</b> The sprinkler system within the ETF supplies fire water protection to the process area and the container storage area. This system is connected to a sitewide water supply system and has the capacity to supply <del>at least 20 minutes of fire water</del> sufficient water to suppress a fire at the ETF. However, in the event of failure, the sprinkler system can be hooked up to another water source (e.g., tanker truck).					
Modification Class: <sup>2,3</sup> please check one of the Classes:		Class 1 X	Class <sup>1</sup> 1	Class 2	Class 3
Relevant WAC 173-303-830, Appendix I Modification: A.1					
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>  A. General Permit Provisions: 1. Administrative and informational changes.					
Submitted by Co-Operator: <i>K. G. Svoboda for</i> C. G. Mattsson		Reviewed by RL Program Office: <i>Allen G. Bilson</i> E. Bilson		Reviewed by Ecology: <i>Stacy Shuck</i> Date	
3/27/98 Date		4/9/98 Date		4/29/98 Date	

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class 1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.

<b>Hanford Facility RCRA Permit Modification Notification Form</b>					
Unit:  Liquid Effluent Retention Facility & 200 Area Effluent Treatment Facility		Permit Part & Chapter:  Part III, Chapter 4 [Section 4.4.5.2]			
<u>Description of Modification:</u>  Section 4.4.5.2, Page 4-29, lines 42-52 and Page 4-30, lines 1-2:  <b>Degasification System.</b> The degasification column is typically supplied aqueous waste feed by the pH adjustment tank feed pump. This pump transfers waste solution through the hydrogen peroxide decomposer, the fine filter, and the degasification column to the first RO feed tank.  The degasification column is designed for operation at a partial vacuum. A pressure sensor in the column detects the column pressure. <del>The vacuum in the column is regulated by the pressure controller that adjusts the opening of the air supply valve.</del> The vacuum in the degasification column is maintained by is exhausted to a blower connected to the vessel offgas system. <del>If extremely low pressure is developed by the column blower, a situation that could compromise column integrity, a pressure relief safety valve is activated.</del> The column is protected from extremely low pressure developed by the column blower by the use of an intake vent that is maintained in the open position during operation. The column liquid level is regulated by a flow control system with a high- and low-level alarm. A plate-type heat exchanger cools the waste solution fed to the degasification column.					
Modification Class: <sup>2 3</sup> please check one of the Classes:		Class 1 X	Class <sup>1</sup>	Class 2	Class 3
Relevant WAC 173-303-830, Appendix I Modification: A.1					
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>  A. General Permit Provisions: 1. Administrative and informational changes.					
Submitted by Co-Operator: <i>K.G. Svoboda for</i> C. G. Mattsson		Reviewed by RL Program Office: <i>Helen G. Bilson</i> H. E. Bilson		Reviewed by Ecology: <i>J. Stangor</i> Date	
3/27/98 Date		4/9/98 Date		4/29/98 Date	

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

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<sup>3</sup>If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>, if appropriate.

## Hanford Facility RCRA Permit Modification Notification Form

Unit:  Liquid Effluent Retention Facility & 200 Area Effluent Treatment Facility	Permit Part & Chapter:  Part III, Chapter 4 [Section 4.4.6]
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### Description of Modification:

Section 4.4.6, Page 4-30, lines 40-51 and Page 4-31, lines 1-12:

#### 4.4.6 Labels or Signs [D-2e]

Each piece of process equipment tank or process unit in the ETF is identified by a nameplate attached in a readily visible location. Equipment procured as a packaged unit also has a nameplate attached. Included on the nameplate are the equipment number; and the equipment title, the manufacturer and the manufacturer's model number, a serial number, and a rating (i.e., capacity, revolutions per minute, torque, range, span, etc.). Those tanks which store or treat dangerous waste at the ETF (Section 4.4.1.1) are identified with a label which reads "PROCESS WATER/WASTE". The labels are legible at a distance of at least fifty feet or as appropriate for legibility within the ETF. Additionally, these tanks bear a legend that identifies the waste in a manner which adequately warns employees, emergency personnel, and the public of the major risk(s) associated with the waste being stored or treated in the tank system(s).

Caution plates are used to show possible hazards and warn that precautions are necessary. Caution signs have a yellow background and black panel with yellow letters and bear the word "CAUTION". Danger signs show immediate danger and signify that special precautions are necessary. These signs are red, black, and white and bear the word "DANGER".

Tanks and vessels containing ~~corrosive waste~~ or corrosive chemicals are posted with black and white signs bearing the word "CORROSIVE". "DANGER - UNAUTHORIZED PERSONNEL KEEP OUT" signs are posted on all exterior doors of the ETF, and on each interior door leading into the process area. Tank ancillary piping is also labeled "PROCESS WATER" or "PROCESS LIQUID" to alert personnel which pipes in the process area contain dangerous and/or mixed waste.

~~All tank systems holding dangerous waste are marked with labels or signs to identify the waste contained in the tank. The labels or signs are legible at a distance of at least fifty feet and bear a legend that identifies the waste in a manner which adequately warns employees, emergency personnel, and the public of the major risk(s) associated with the waste being stored or treated in the tank system(s).~~

Modification Class: <sup>23</sup>

please check one of the Classes:

Class 1

Class <sup>1</sup>1

Class 2

Class 3

X

Relevant WAC 173-303-830, Appendix I Modification: A.1

Enter wording of the modification from WAC 173-303-830, Appendix I citation:

A. General Permit Provisions:

1. Administrative and informational changes.

Submitted by Co-Operator: <i>K. G. Mattsson for</i> C. G. Mattsson	Reviewed by RL Program Office: <i>John E. Bilson</i> H. E. Bilson	Reviewed by Ecology: <i>Stacy Shuck</i> Date
<i>3/27/98</i> Date	<i>4/9/98</i> Date	<i>4/29/98</i> Date

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

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<b>Hanford Facility RCRA Permit Modification Notification Form</b>					
Unit:		Permit Part & Chapter:			
Liquid Effluent Retention Facility & 200 Area Effluent Treatment Facility		Part III, Chapter 4 [Section 6.2.2.1]			
<u>Description of Modification:</u>					
Page 6-3, Section 6.2.2.1, lines 26-42:					
<p><b>6.2.2.1 Container Inspections [F-2d(1)].</b> Containers are used at the ETF to store solidified secondary waste, such as the powder waste from the thin film dryer <del>before transfer</del> and maintenance and operations waste. When containers are being held in the container storage area, the following inspection schedule is maintained:</p> <ul style="list-style-type: none"> <li>• Daily visual inspection of container storage area for leaks, spills, accumulated liquids, and open or improperly sealed containers</li> <li>• Weekly visual inspection of container labels to ensure labels are not obscured, removed, or otherwise unreadable</li> <li>• Weekly visual inspection for deterioration of containers, containment systems, or cracks in protective coating or foundations caused by corrosion, mishandling, or other factors.</li> </ul> <p>Following the inspections, an inspection datasheet is signed and dated by the inspector and supervisor.</p>					
Modification Class: <sup>2</sup>		Class 1	Class <sup>1</sup> 1	Class 2	Class 3
please check one of the Classes:		X			
Relevant WAC 173-303-830, Appendix I Modification: A.1					
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>					
A. General Permit Provisions:					
1. Administrative and informational changes.					
Submitted by Co-Operator:		Reviewed by RL Program Office:		Reviewed by Ecology:	
<i>K.G. Svoboda for</i> <u>3/27/98</u>		<i>Henry G. Bilson</i> <u>4/9/98</u>		<i>Henry G. Bilson</i> <u>4/29/98</u>	
C. G. Mattsson Date		H. E. Bilson Date		Date	

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

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## Hanford Facility RCRA Permit Modification Notification Form

Unit:  Liquid Effluent Retention Facility & 200 Area Effluent Treatment Facility	Permit Part & Chapter:  Part III, Chapter 4 [Section Table T6-2.1 (Sheet 1 of 2)]
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**Description of Modification:**

Page T6-2.1, Table 6-2 (Sheet 1 of 2), lines 17-19:

DCE/RL-97-03, Rev. D 07/97

Class 1 Modification: Quarter Ending 3/31/98

Item	Inspection	Frequency	Inspected by
1			
2			
3			
4			
5	Leak detector LAR-00801	Continuously	Computer Process Operator
6	Level alarm LAR-00802	Continuously	Computer Process Operator
7	Level alarm LAR-00803	Continuously	Computer Process Operator
8	Level alarm LAR-00804	Continuously	Computer Process Operator
9	Level alarm LAR-00805	Continuously	Computer Process Operator
10	Level alarm LAR-00806	Continuously	Computer Process Operator
11	Level alarm LAR-00807	Continuously	Computer Process Operator
12	Level alarm LAR-00808	Continuously	Computer Process Operator
13	Level alarm LAR-00809	Continuously	Computer Process Operator
14	Level alarm LAR-00810	Continuously	Computer Process Operator
15	Level alarm LAR-00811	Continuously	Computer Process Operator
16	Level transmitter LAR-00812	Continuously	Computer Process Operator
17	Level transmitter LAR-00813	Continuously	Computer Process Operator
18	Level transmitter LAR-00814	Continuously	Computer Process Operator
19	Level transmitter LAR-00815	Continuously	Computer Process Operator
20	Level transmitter LAR-00816	Continuously	Computer Process Operator
21	Level transmitter LAR-00817	Continuously	Computer Process Operator
22	Level transmitter LAR-00818	Continuously	Computer Process Operator
23	Level transmitter LAR-00819	Continuously	Computer Process Operator
24	Level transmitter LAR-00820	Continuously	Computer Process Operator
25	Level transmitter LAR-00821	Continuously	Computer Process Operator
26	Level transmitter LAR-00822	Continuously	Computer Process Operator
27	Level transmitter LAR-00823	Continuously	Computer Process Operator
28	Level transmitter LAR-00824	Continuously	Computer Process Operator
29	Level transmitter LAR-00825	Continuously	Computer Process Operator
30	Level transmitter LAR-00826	Continuously	Computer Process Operator

Modification Class: <sup>2 3</sup> please check one of the Classes:	Class 1	Class <sup>1</sup> 1	Class 2	Class 3
	X			

Relevant WAC 173-303-830, Appendix I A.1  
 Modification:

Enter wording of the modification from WAC 173-303-830, Appendix I citation:

- A. General Permit Provisions:  
 I. Administrative and informational changes.

Submitted by Co-Operator: <i>K.G. Svoboda for</i> C. G. Mattsson	Reviewed by RI Program Office: <i>John E. Bilson</i> H. E. Bilson	Reviewed by Ecology: <i>Steve Shank</i> Date
Date: <i>3/27/98</i>	Date: <i>4/9/98</i>	Date: <i>4/29/98</i>

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

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**Hanford Facility RCRA Modification Notification Forms**

**for**

**Part III, Chapter 5**

**242-A Evaporator**

**Page 1 of 4**

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## Hanford Facility RCRA Permit Modification Notification Form

Unit: 242-A Evaporator	Permit Part & Chapter: Part III, Chapter 5 [Section 2.1.2.2]								
<u>Description of Modification:</u> Page 2-4, Section 2.1.2.2, lines 1-5:  <b>2.1.2.2 Steam Service Supply.</b> Steam needed for the 242-A Evaporator process <del>currently</del> is supplied by the 200 East Area powerhouse, 284-E Building, which supplies a high-pressure steam loop serving many units in the 200 East Area 242A-BA package boiler annex. <del>A 6-inch steam line</del> The boiler annex supplies <del>1,550</del> medium pressure steam (620 kilopascals gauge pressure) and low pressure steam (69 kilopascals gauge pressure) to the 242-A Evaporator Building. <del>In the future, the 284-E Building will be shut down and steam will be provided to units in the 200 East Area (including the 242-A Evaporator) by several package boilers. The 284-E Building and the package boilers are</del> 242-BA boiler annex is not part of the 242-A Evaporator.									
Modification Class: <sup>2,3</sup> please check one of the Classes:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Class 1</td> <td style="width: 25%;">Class 1<sup>1</sup></td> <td style="width: 25%;">Class 2</td> <td style="width: 25%;">Class 3</td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> </tr> </table>	Class 1	Class 1 <sup>1</sup>	Class 2	Class 3	X			
Class 1	Class 1 <sup>1</sup>	Class 2	Class 3						
X									
Relevant WAC 173-303-830, Appendix I Modification: A.3									
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>  Equipment replacement or upgrades with functionally equivalent components (e.g., pipes, valves, pumps, conveyors, controls).									
Submitted by Co-Operator: <i>K. G. Svoboda for</i> <u>3/27/98</u> C. G. Mattsson Date	Reviewed by RL Program Office: <i>Allen E. Bilson</i> <u>4/9/98</u> H. E. Bilson Date	Reviewed by Ecology: <i>Steve Shuck</i> <u>4/29/98</u> Date							

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class 1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to 1, if appropriate.

## Hanford Facility RCRA Permit Modification Notification Form

Unit:  242-A Evaporator	Permit Part & Chapter:  Part III, Chapter 5 [Appendix 3A]
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Description of Modification:

Appendix 3A, Section 1.2, Page 1-1, lines 36-47 and Page 1-2, lines 1-8:

**1.2 SCOPE**

This WAP discusses RCRA sampling and analysis of the waste in selected DST System tanks to determine the acceptability of the waste for processing at the 242-A Evaporator. Sampling and analysis of DST System waste for other reasons, such as preparation for tank-to-tank transfers, is included in the waste analysis plan for the DST System.

RCRA sampling of the process condensate transferred to the Liquid Effluent Retention Facility (LERF) can be performed at either the 242-A Evaporator or at LERF. A discussion of process condensate sampling at the 242-A Evaporator is included in this WAP, while discussion of process condensate sampling at LERF is included in the *Waste Analysis Plan for the Liquid Effluent Retention Facility and 200 Area Effluent Treatment Facility (HNF-SD-ENV-WAP-008-Hanford Facility Dangerous Waste Permit Application, Liquid Effluent Retention Facility and 200 Area Effluent Treatment Facility (DOE/RL-97-03, Appendix 3A).*

Samples of other 242-A Evaporator waste streams, such as steam condensate, cooling water, and 242-A-81 backflush water, are taken as required for process control but are excluded from this plan because these streams have been previously characterized and determined to be nondangerous waste streams.

Modification Class: <sup>2,3</sup> please check one of the Classes:	Class 1	Class <sup>1</sup> 1	Class 2	Class 3
	X			

Relevant WAC 173-303-830, Appendix I Modification: A.1

Enter wording of the modification from WAC 173-303-830, Appendix I citation:

- A. General Permit Provisions:  
 1. Administrative and informational changes.

Submitted by Co-Operator: <i>K. G. Svoboda for</i> 3/27/98 C. G. Mattsson Date	Reviewed by RL Program Office: <i>W. E. Bilson</i> 4/9/98 W. E. Bilson Date	Reviewed by Ecology: <i>John Sluck</i> 4/29/98 Date
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<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup>This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup>If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.

<b>Hanford Facility RCRA Permit Modification Notification Form</b>				
Unit:  242-A Evaporator	Permit Part & Chapter:  Part III, Chapter 5 [Appendix 3A, Section 8.0]			
<u>Description of Modification:</u>				
Appendix 3A, Page 8-1, Section 8.0, lines 19-22:				
DOE/RL-97-03, Hanford Facility Dangerous Waste Permit Application, Liquid Effluent Retention Facility and 200 Area Effluent Treatment Facility, Revision 0, U.S. Department of Energy, Richland Operations Office, Richland, Washington				
Appendix 3A, Page 8-1, Section 8.0, lines 48-50:				
HNF-SD-ENV-WAP-008, Waste Analysis Plan for the Liquid Effluent Retention Facility and 200 Area Effluent Treatment Facility, Rust Federal Services of Hanford, Inc., Richland, Washington:				
Modification Class: <sup>2 3</sup> please check one of the Classes:	Class 1	Class <sup>1</sup> 1	Class 2	Class 3
	X			
Relevant WAC 173-303-830, Appendix I Modification:				
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation:</u>				
A. General Permit Provisions:				
1. Administrative and informational changes.				
Submitted by Co-Operator: <i>K. G. Svoboda for</i> <u>3/27/98</u> C. G. Mattsson Date	Reviewed by RI Program Office: <i>Adam G. Bilson</i> <u>4/9/98</u> H. E. Bilson Date		Reviewed by Ecology: <i>Steve Shinde</i> <u>4/29/98</u> Date	

<sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to <sup>1</sup>1, if appropriate.