

**START**

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Meeting Minutes Transmittal

Unit Managers' Meeting  
200-BP-11 Operable Unit and 216-B-3 Main Pond TSD Unit  
2440 Stevens Center Place, Room 2200  
Richland, Washington

November 30, 1994  
3:00 p.m. - 4:00 p.m.

The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Unit Managers Meeting.

Bryan L. Foley Date: 1/4/95  
Bryan L. Foley, Unit Manager, DOE-RL

Not Present Date: \_\_\_\_\_  
Daniel L. Duncan, EPA Region 10

Jeanne J. Wallace Date: 1/4/95  
Jeanne J. Wallace, Unit Manager, Washington State Department of Ecology

Rhett K. Tranbarger Date: 1/4/95  
Rhett K. Tranbarger, 200-BP-11 Operable Unit Task Manager, IT Hanford

Purpose: Discuss 200 BP-11 Operable Unit and 216-B-3 Main Pond Work/Closure Plan and Interim Stabilization Activities

- Meeting Minutes are attached. The minutes are comprised of the following:
- Attachment 1 - Agenda
  - Attachment 2 - Summary of Discussion and Commitments/Agreements
  - Attachment 3 - Attendance List
  - Attachment 4 - Action Items
  - Attachment 5 - TPA Change Request M-20-94-06



## Attachment 1

RCRA UNIT MANAGERS' MEETING

200-BP-11 OPERABLE UNIT RFI/CMS AND  
216-B-3 MAIN POND, 216-B-63 TRENCH, AND 216-A-29 DITCH  
WORK/CLOSURE PLAN AND RELATED ACTIVITIES

2440 Stevens Center Place, Room 2200  
Richland, Washington  
November 30, 1994  
3:00 - 4:00 p.m.

## Agenda

1. Approval of October 11, 1994 RCRA UMM Minutes
2. Status of October 11, 1994 RCRA UMM Action Items
  - 10-11-94:1 ITH (R. Tranbarger) will set up a groundwater meeting with the appropriate people from the groundwater section of WHC, BHI, and Ecology to discuss corrective action of the aquifer in conjunction with the Main Pond. (Note: this action item was transferred from the 216-B-3 Expansion Ponds UMM.)
  - OPEN**
  - 10-11-94:2 ITH (R. Tranbarger) will contact EPA to determine the signature approval for the Unit Managers Meeting minutes.
    - Closed. Per Mr. Beaver, Daniel L. Duncan will be the EPA Region 10 representative and retain signature approval.**
  - 10-11-94:3 ITH (R. Tranbarger) will transmit a copy of Mr. M. Jaraysi's (Ecology) change request M-20-94-05 to Ecology and RL.
    - Closed. A copy of the subject change request was provided to the parties on October 13, 1994.**
  - 10-11-94:4 Ecology (J. Wallace) will draft a letter to RL requesting revision of the work/closure plan to incorporate the 216-A-29 Ditch, 216-B-63 Trench, and the 216-B-2-1, -2-2, and -2-3 Ditches.
    - Closed. The letter was drafted by Ms. Wallace and submitted to RL and BHI on October 31, 1994**
3. Status *200-BP-11 Operable Unit RFI/CMS and 216-B-3 Main Pond, 216-B-63 Trench, and 216-A-29 Ditch Work/Closure Plan, Draft B*

4. BHI/RL Response to Ecology Letter dated October 31, 1994 regarding: 1) a TPA change package to incorporate the 216-B-63 Trench and 216-A-29 Ditch TSD Units and the 216-B-2-1, 216-B-2-2, and 216-B-2-3 Ditches into the 200-BP-11 Operable Unit, 2) a schedule showing document development and implementation, and 3) review of Draft A of the work/closure plan.
5. Status of TPA Change Request M-20-94-06: Incorporation of the 216-B-63 Trench, 216-A-29 Ditch and 216-B-2-1, 216-B-2-2, and 216-B-2-3 Ditches into the 200-BP-11 Operable Unit.
6. New Business
  - Data Quality Objective Meeting Minutes for Draft B of Work/Closure Plan
  - Data Quality Objective Agreement Form
  - EPA Comments on Draft A of Work/Closure Plan
7. Set Next Meeting Date

**Attachment 2**

**Unit Managers' Meeting**  
200-BP-11 Operable Unit and 216-B-3 Main Pond  
2440 Stevens Center Place, Room 2200  
Richland, Washington

November 30, 1994  
3:00 p.m. - 4:00 p.m.

**Summary of Discussion and Commitments/Agreements****1. Approval of October 11, 1994 RCRA UMM Minutes**

The October 11, 1994 Unit Managers Meeting minutes are being reviewed by Ecology.

**2. Status of October 11, 1994 RCRA UMM Action Items**

Mr. R. Tranbarger (ERC) provided a status of the October 11, 1994 UMM action items. The first action item was transferred from the 216-B-3 Expansion Ponds Unit Managers Meeting to Mr. Tranbarger. The action was to set up a groundwater meeting to discuss corrective action of the aquifer in conjunction with the Main Pond. Mr. Tranbarger recommended closing the action and addressing it after completion of the review cycle of the closure plan. Ms. J. Wallace (Ecology) concurred. The remaining three action items were closed (see Attachment 4).

**3. Status 200-BP-11 Operable Unit RFI/CMS and 216-B-3 Main Pond, 216-B-63 Trench, and 216-A-29 Ditch Work/Closure Plan, Draft B**

Mr. Tranbarger stated that revision of the work/closure plan has been completed, except for Chapter 5, which is being revised. The work/closure plan is on schedule to be transmitted to RL for review and comment on December 13, 1994. Mr. Tranbarger requested that comments be received from RL and Ecology by January 20, 1995.

**4. BHI/RL Response to Ecology Letter dated October 31, 1994 regarding: 1) a TPA change package to incorporate the 216-B-63 Trench and 216-A-29 Ditch TSD Units and the 216-B-2-1, 216-B-2-2, and 216-B-2-3 Ditches into the 200-BP-11 Operable Unit; 2) a schedule showing document development and implementation; and 3) review of Draft A of the work/closure plan.**

Mr. Tranbarger stated that in response to Ecology's letter requesting the three items listed above, Bechtel drafted a letter to transmit the schedule to RL. RL will then respond to Ecology's request.

5. **Status of TPA Change Request M-20-94-06: Incorporation of the 216-B-63 Trench, 216-A-29 Ditch and 216-B-2-1, 216-B-2-2, and 216-B-2-3 Ditches into the 200-BP-11 Operable Unit.**

Mr. Tranbarger distributed copies of Change Request M-20-94-06 to Ecology and EPA (Attachment 5), and asked for comments by December 7, 1994. Mr. Tranbarger noted that the next TPA project managers meeting is scheduled for December 20, 1994, and that his intent was to put the change request on the agenda and obtain signature approval at the project managers meeting. Ms. Wallace pointed out that the agenda items for the project managers meeting are required to be submitted two weeks prior to the meeting. Mr. B. Foley (RL) acknowledged there was a two-week requirement. However, Mr. Foley stated that he discussed the issue with Mr. F. Calapristi (WHC), who indicated that if the project managers have been briefed and are satisfied with the change request, that it could be included on the agenda for approval.

6. **New Business**

**Data Quality Objective Meeting Minutes for Draft B of Work/Closure Plan**

Mr. Tranbarger stated that several weeks ago he distributed copies of the DQO meeting minutes, which contained the agreements RL, Bechtel, Ecology, and EPA had made. Mr. Tranbarger requested comments from RL, Ecology, and EPA by December 7, 1994, stating his intent was to include the DQO agreements in the work plan.

**Data Quality Objective Agreement Form**

Mr. Tranbarger indicated that following receipt of comments regarding the DQO agreements, he will be asking for signature approval.

**EPA Comments on Draft A of Work/Closure Plan**

Mr. P. Beaver (EPA) stated that his comments regarding draft A of the work/closure plan have been transmitted to RL, and he indicated those were his final comments. Mr. Beaver added that he would like to hold an informal meeting with Mr. Tranbarger to discuss a few minor issues, and he suggested that Ms. Wallace and Mr. Foley be present.

7. **Set Next Meeting Date**

The next meeting was scheduled for January 4, 1995, from 3 to 4 p.m.

## Attachment #3

Unit Managers' Meeting  
200-BP-11 Operable Unit and 216-B-3 Main Pond  
2440 Stevens Center Place, Room 2200  
Richland, Washington

November 30, 1994  
3:00 p.m. - 4:00 p.m.

## Attendance List

Name	Organization	Phone #
Joan K. Bartz	GSSC	(509) 372-2008
Paul R. Beaver	EPA	(509) 376-8665
Kathleen E. Knox	WHC	(509) 372-3596
Bryan L. Foley	DOE-RL	(509) 376-7087
George C. Henckel	ERC	(509) 376-1994
Jake R. Laws	ERC	(509) 376-7508
Ellen M. Mattlin	DOE-RL	(509) 376-2385
Andrea L. Prignano	WHC	(509) 376-1057
Rhett K. Tranbarger	ERC	(509) 372-1258
Jeanne J. Wallace	Ecology	(509) 736-3019
Donna M. Wanek	DOE-RL	(509) 376-5778



## Attachment #4

Unit Managers' Meeting  
 200-BP-11 Operable Unit and 216-B-3 Main Pond  
 2440 Stevens Center Place, Room 2200  
 Richland, Washington

November 30, 1994  
 3:00 p.m. - 4:00 p.m.

## Action Items

<u>Action Item #</u>	<u>Description</u>
10-11-94:1	<p>ITH (R. Tranbarger) will set up a groundwater meeting with the appropriate people from the groundwater section of WHC, BHI, and Ecology to discuss corrective action of the aquifer in conjunction with the Main Pond. (Note: this action item was transferred from the 216-B-3 Expansion Ponds UMM.)</p> <p>Closed. Groundwater issues will be examined during the corrective measures study for the operable unit.</p>
10-11-94:2	<p>ITH (R. Tranbarger) will contact EPA to determine the signature approval for the Unit Managers Meeting minutes.</p> <p>Closed. Per Mr. Beaver, Daniel L. Duncan will be the EPA Region 10 representative and retain signature approval.</p>
10-11-94:3	<p>ITH (R. Tranbarger) will transmit a copy of Mr. M. Jaraysi's (Ecology) change request M-20-94-05 to Ecology and RL.</p> <p>Closed. A copy of the subject change request was provided to the parties on October 13, 1994.</p>
10-11-94:4	<p>Ecology (J. Wallace) will draft a letter to RL requesting revision of the work/closure plan to incorporate the 216-A-29 Ditch, 216-B-63 Trench, and the 216-B-2-1, -2-2, and -2-3 Ditches.</p> <p>Closed. The letter was drafted by Ms. Wallace and submitted to RL and BHI on October 31, 1994</p>

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Attachment #5

Unit Managers' Meeting  
200-BP-11 Operable Unit and 216-B-3 Main Pond  
2440 Stevens Center Place, Room 2200  
Richland, Washington

November 30, 1994  
3:00 p.m. - 4:00 p.m.

TPA CHANGE REQUEST M-20-94-06

Change Number M-20-94-06	<b>Federal Facility Agreement and Consent Order                  Change Control Form</b> Do not use blue ink. Type or print using black ink.	Date December 8, 1994												
Originator <span style="float: right;">Phone</span> Rhett K. Tranbarger <span style="float: right;">372-1258</span>														
Class of Change <input type="checkbox"/> I - Signatories <input checked="" type="checkbox"/> II - Project Manager <input type="checkbox"/> III - Unit Manager														
Change Title Waste Management Unit Additions and Boundary Changes to the 200-BP-11 Operable Unit														
Description/Justification of Change  Expand the 200-BP-11 Operable Unit boundaries to incorporate the 216-A-29 Ditch and 216-B-63 Trench RCRA (Resource Conservation and Recovery Act) TSD (Treatment, Storage, or Disposal) units, and the 216-B-2-1, 216-B-2-2, and 216-B-2-3 Ditch RCRA Past-Practice Units.  This change is justified because it allows interrelated waste management units with similar physical characteristics and effluent disposal histories to be effectively investigated under one work/closure plan. Additionally, these changes will expand the scope of the corrective action at the 200-BP-11 Operable Unit which will effectively save time and budget in the overall cleanup effort at the Hanford Site.														
Impact of Change  Expanding the 200-BP-11 Operable Unit boundaries will increase the scope of the field investigation and remediation activities in the operable unit.														
Affected Documents  This change will affect the Tri-Party Agreement Appendix B, "Listing of Treatment, Storage, and Disposal Groups/Units;" Appendix C, "Prioritizing Listing of Operable Units;" and the TPA Action Plan Work Schedule.														
Approvals  <table style="width:100%; border: none;"> <tr> <td style="width:30%; border-bottom: 1px solid black;">DOE</td> <td style="width:15%; border-bottom: 1px solid black;">Date</td> <td style="width:15%; text-align: center;">___ Approved</td> <td style="width:15%; text-align: center;">___ Disapproved</td> </tr> <tr> <td style="border-bottom: 1px solid black;">EPA</td> <td style="border-bottom: 1px solid black;">Date</td> <td style="text-align: center;">___ Approved</td> <td style="text-align: center;">___ Disapproved</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Ecology</td> <td style="border-bottom: 1px solid black;">Date</td> <td style="text-align: center;">___ Approved</td> <td style="text-align: center;">___ Disapproved</td> </tr> </table>			DOE	Date	___ Approved	___ Disapproved	EPA	Date	___ Approved	___ Disapproved	Ecology	Date	___ Approved	___ Disapproved
DOE	Date	___ Approved	___ Disapproved											
EPA	Date	___ Approved	___ Disapproved											
Ecology	Date	___ Approved	___ Disapproved											

### 200-BP-11 OPERABLE UNIT BACKGROUND

The 200-BP-11 Operable Unit is located in the north-eastern portion of the 200 East Area of the Hanford Site. The operable unit currently consists of ten waste management units (WMUs), and encompasses approximately 775 acres (1.2 mi<sup>2</sup>). The 200-BP-11 WMUs are mainly associated with low level waste streams from the 221-B (B Plant) and 202-A (PUREX Plant) Buildings.

Five of the ten WMUs are Resource Conservation and Recovery Act (RCRA) Treatment, Storage, and/or Disposal (TSD) Waste Management Units (WMUs) as listed in the Tri-Party Agreement. These units are referred to as the 216-B-3 Main Pond (Main Pond), 216-B-3-3 Ditch, and the 216-B-3A, 216-B-3B, and 216-B-3C Expansion Ponds (Expansion Ponds). The Main Pond and 216-B-3-3 Ditch were decommissioned and backfilled in 1994. The three Expansion Ponds are being closed via the *216-B-3 Expansion Ponds Closure Plan*, DOE/RL-89-28, Rev. 2. The 216-B-3C Expansion Pond is the only active WMU within the operable unit.

The remaining five WMUs are RCRA Past-Practice units as listed in the Tri-Party Agreement. They are referred to as the 216-B-3-1 Ditch, 216-B-3-2 Ditch, the 216-E-28 Contingency Pond, and Unplanned Releases UN-200-E-14 and UN-200-E-92. The 216-B-3-1 and 216-B-3-2 Ditches discharged to the Main Pond in the past and have been out of service since 1964 and 1970, respectively. The 216-E-28 Pond encompasses about 30 acres and has never been used. Unplanned release UN-216-E-14 occurred when a dike broke at the 216-B-3 Pond in 1958, and unplanned release UN-216-E-92 surfaced in 1980 as a result of radioactively contaminated Russian Thistle and has since been removed.

In September of 1994, Draft A of the *200-BP-11 Operable Unit and 216-B-3 Main Pond Work/Closure Plan*, DOE/RL-93-74, was completed and submitted to the State of Washington Department of Ecology (Ecology) and the U.S. Environmental Protection Agency (EPA) in accordance with Tri-Party Agreement milestone M-13-07.

#### JUSTIFICATION FOR INCORPORATION OF THE 216-A-29 DITCH, 216-B-63 TRENCH, AND 216-B-2-1, 216-B-2-2, AND 216-B-2-3 DITCHES INTO 200-BP-11

As shown on attached Figure 1, the 216-A-29 Ditch is currently located in the 200-PO-5 Operable Unit and the 216-B-63 Trench and 216-B-2-1, 216-B-2-2, and 216-B-2-3 Ditches are located in the 200-BP-8 Operable Unit. The 216-A-29 Ditch and 216-B-63 Trench are RCRA TSD units that are scheduled to have closure plans submitted to Ecology and EPA by May 1996 per TPA milestones M-20-36 and M-20-38, respectively. The 216-A-29 Ditch discharged to the 216-B-2-2 and 216-B-2-3 Ditches during its operational period. The 216-B-63 Trench did not discharge to other waste management units, however, it did received similar effluents as those received by the WMUs in the 200-BP-11 Operable Unit. The 216-B-2-1, 216-B-2-2, and 216-B-2-3 Ditches operated

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consecutively from 1945 to 1987 by transporting effluent directly to the 216-B-3-2 and 216-B-3-3 Ditches. Rationale for incorporating these five waste management units into the 200-BP-11 Operable Unit include:

1. The 216-B-2-1, 216-B-2-2, and 216-B-2-3 Ditches fed the 216-B-3-1, 216-B-3-2, and 216-B-3-3 Ditches, which in turn discharged to the 216-B-3 Main Pond.
2. The 216-B-63 Trench is directly north of, and parallel to the 216-B-2-1, 216-B-2-2, and 216-B-2-3 Ditches. The proximity of the trench to the ditches makes it impractical to investigate these units separately.
3. The effluent received by the 216-B-2-1, 216-B-2-2, and 216-B-2-3 Ditches was similar to that of the 216-B-63 Trench.
4. The 216-A-29 Ditch has discharged to the 216-B-3-2 or 216-B-3-3 Ditch throughout its operational period.
5. All five of these WMUs have the same physical structure as the other WMUs in 200-BP-11 (i.e they are all surface impoundments) and can therefore be easily evaluated together.

The attached Figure 2 depicts the new 200-BP-11 Operable Unit boundaries that will result from incorporation of the 216-A-29 Ditch, 216-B-63 Trench, and 216-B-2-1, 216-B-2-2, and 216-B-2-3 Ditches.

**TPA CHANGES RESULTING FROM INCORPORATION OF THE 216-A-29 DITCH,  
 216-B-63 TRENCH, AND 216-B-2-1, -2-2, AND -2-3 DITCHES INTO 200-BP-11**

Appendix B. Revise the 216-A-29 Ditch and 216-B-63 Trench as follows:

<u>Treatment, Storage, and Disposal</u>			<u>Planned Action</u>	
Group Number	Group/Units	Operable Unit (if applicable)	Closure	Operating Permit
D-2-3	216-A-29 Ditch	200-BP-11	X	
D-2-6	216-B-63 Trench	200-BP-11	X	

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**Appendix C.** Revise 200-BP-11, 200-PO-5, and 200-BP-8 Operable Units as follows:

<u>Operable Unit</u>	<u>Title of Unit</u>	<u>Unit Type</u>	<u>Unit Category</u>
200-BP-11 (Source OU)	216-B-3	Pond	TSD (D-2-5)
	216-B-3-1	Ditch	RPP
	216-B-3-2	Ditch	RPP
	216-B-3-3	Ditch	TSD (D-2-5)
	216-B-3A	Pond	TSD (D-2-5)
	216-B-3B	Pond	TSD (D-2-5)
	216-B-3C	Pond	TSD (D-2-5)
	216-E-28*	Pond	RPP
	UN-200-E-14	Unplanned Release	RPP
	UN-200-E-92	Unplanned Release	RPP
	216-B-2-1	Ditch	RPP
	216-B-2-2	Ditch	RPP
	216-B-2-3	Ditch	RPP
	216-B-63	Trench	TSD (D-2-6)
	216-A-29	Ditch	TSD (D-2-3)

\* The 216-E-28 Pond was incorrectly identified as the 216-E-25 Pond.

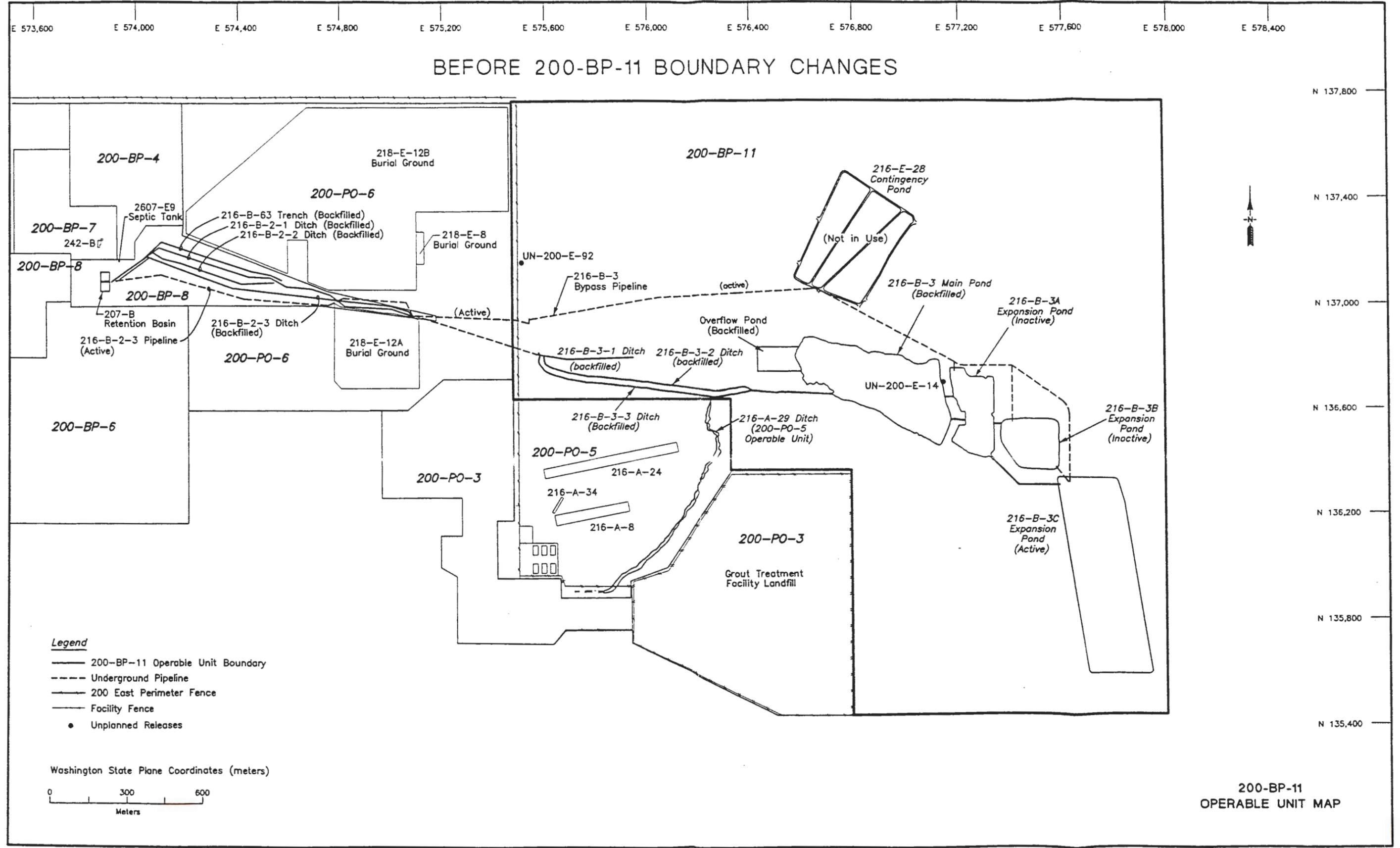
200-PO-5 Delete the 216-A-29 Ditch. Also, delete the "Unit Category" for UN-200-E-67 (it is not a TSD).

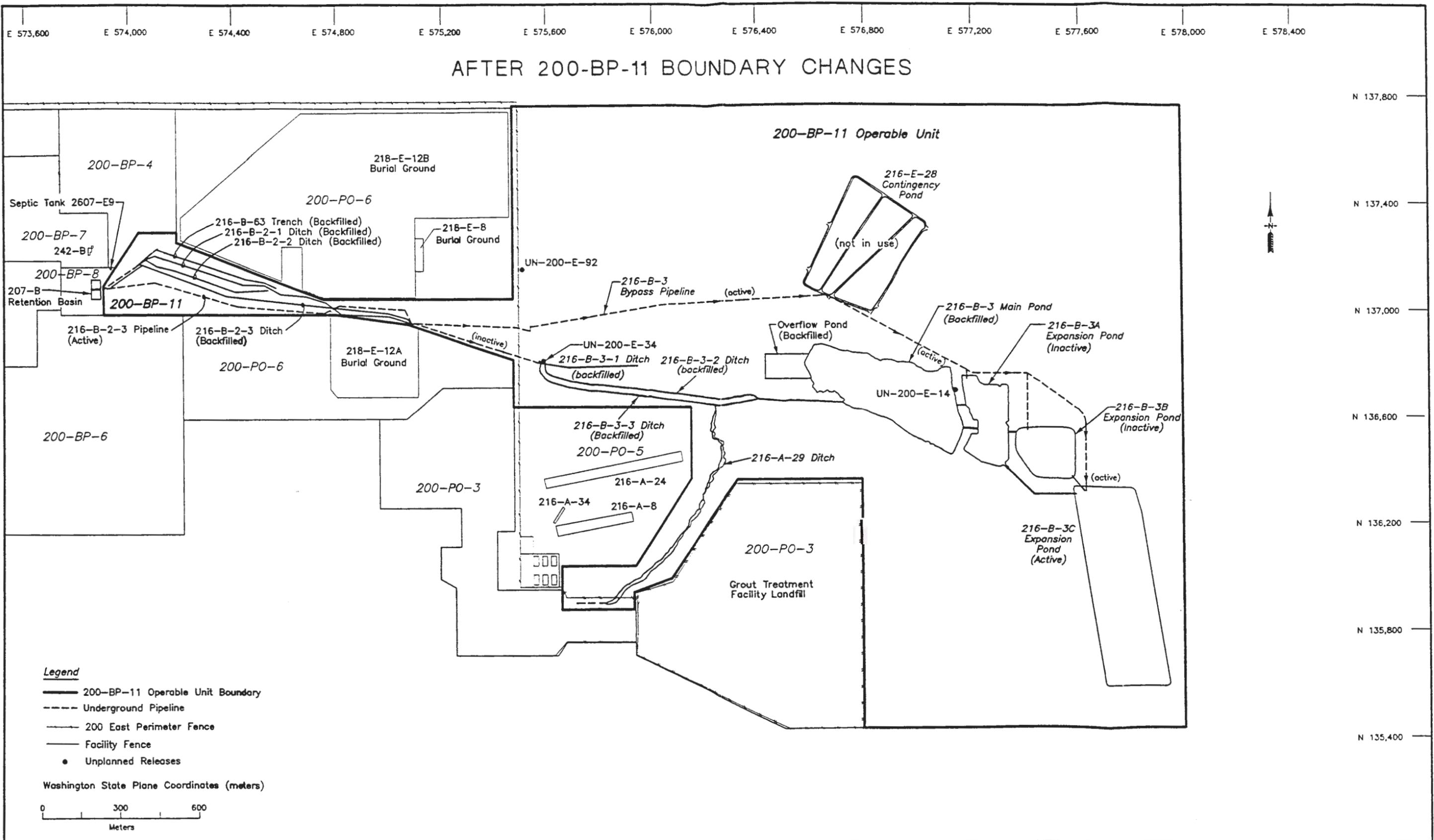
200-BP-8 Delete the 216-B-63 Trench, and the 216-B-2-1, 216-B-2-2, and 216-B-2-3 Ditches

#### TPA Action Plan Work Schedule

The TPA Action Plan Work Schedule will reflect that of a work plan, not a closure plan. The milestone date for submittal of Volume 1, Draft B of the 200-BP-11 Operable Unit Work/Closure Plan will be June 30, 1995.

Implementation of work will be conducted in accordance with the regulatory approved schedule provided in the approved version of Volume 1, Rev. 0 of the 200-BP-11 Operable Unit Work/Closure Plan.





## Distribution:

J. K. Bartz	GSSC	R3-82
P. R. Beaver	EPA	B5-01
R. M. Carosino	RL	A4-52
D. L. Duncan	EPA	HW-106 (Seattle)
L. D. Dillon	WHC	H6-29
B. L. Foley	RL	H4-83
D. O. Fredrick, Jr.	WHC	L4-93
J. R. Laws	ERC	H6-03
Z. C. Knaus	WHC	H6-23
P. J. Mackey	WHC	B3-15
E. M. Mattlin	RL	A5-15
A. K. McDowell	WHC	R1-51
P. D. Mix	WHC	H6-29
S. M. Price	WHC	H6-23
A. L. Prignano	WHC	H6-23
F. A. Ruck III	WHC	H6-23
D. L. Smith	ERC	R2-77
R. K. Tranbarger	ERC	H6-04
N. Uziemblo	Ecology	B5-18
J. L. Waite	WHC	B2-35
J. J. Wallace	Ecology	B5-18
Field File Custodian	WHC	H6-08
RCRA Files/GHL	WHC	H6-23

ADMINISTRATIVE RECORD: 216-B-3 Pond System Closure/Postclosure Plan, D-2-5; 216-B-3 Expansion Ponds, D-2-5; 216-B-63 Trench, D-2-6; and 216-A-29 Ditch, D-2-3 [Care of EDMC, WHC (H6-08)]

Washington State Department of Ecology Nuclear and Mixed Waste Hanford File, P.O. Box 47600, Olympia, Washington 98504-7600

Environmental Protection Agency Region 10, Seattle, Washington 98101, HW-074 (Record Center)

Please send comments on distribution list to K. R. Schmidli, H6-23), (509) 373-2083