

Meeting Minutes Transmittal - Comment Draft

PUREX Plant/Storage Tunnels Project Managers Meeting  
Federal Building, Room 554  
Richland, Washington

August 12, 1997  
8:00 a.m. - 9:00 a.m.

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

*Exc Per cc:mail*  
Richard X. Gonzalez, Project Manager, DOE-RL Date: 9/29/97

*[Signature]*  
Robert Julian, Project Manager, Washington State Department of Ecology Date: 9/23/97

*[Signature]*  
Lucinda L. Grant, Washington State Department of Health Date: 23 Sept 97

*[Signature]*  
Gregory J. LeBaron, PUREX Contractor Representative, BWHC Date: 23 SEP '97

*[Signature]*  
Chris P. Strand, PHMC Representative, FDH Date: 9/23/97

Purpose: Discuss PUREX Deactivation Process

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 - PUREX Deactivation Punchlist Table
- Attachment 5 - PUREX Quarterly Surveillance Summary

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**August 12, 1997  
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**- AGENDA -**

**8:00 AM - 9:00 AM INTRODUCTIONS**

**APPROVE PAST MEETING MINUTES**

**STATUS ITEMS**

- PUREX Storage Tunnels Part B
- PUREX Pre-Closure Work Plan
- PUREX Transition Status

**GENERAL TOPICS**

- Additional topics
- Action items
  - Past action items
  - New action items
- Scheduling of next meeting

**Attachment 2**

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**Summary of Discussion and Commitments/Agreements**

**INTRODUCTIONS**

There were no introductions necessary. However, Mr. C. Strand (FDH) did remind the meeting attendees that the present meeting represented the second to last project manager meeting scheduled under EM-60 management. This statement was well received by the meeting attendees.

**APPROVE PAST MEETING MINUTES**

The Unit Managers Meeting minutes of 4/08/97 were approved.

**STATUS ITEMS**

- **PUREX Storage Tunnels Part B**

Mr. Strand reported that a Class I Modification to the PUREX Storage Tunnels Part B was completed July 8, 1997. He provided meeting attendees with a copy of the RL to Ecology transmittal letter. Mr. Strand indicated that the modification consisted of replacing a number of as-built engineering drawings based on recent revisions. Mr. G. LeBaron (BWHC) inquired about necessary approval from Ecology as the modification met an Ecology expectation documented in the approval letter for the submittal of Revision 4 to the PUREX Storage Tunnels Part B. Mr. R. Julian (Ecology) provided verbal approval for the modification and indicated Ecology would issue a written approval in the near future.

- **PUREX Pre-Closure Work Plan**

Mr. Strand reported that Revision 1 to the PUREX Pre-closure Work Plan had been distributed and all issues have been resolved. The pre-closure work plan is now a completed item no longer requiring a status report.

- **PUREX Transition Status**

Mr. LeBaron provided an update to the PUREX transition status (Attachment 4). The status consisted of a table that identifies 11 remaining punchlist items to be completed. A recommendation of "no installation" was reported for the Fire Hazards Analysis.

The Memorandum of Agreement (MOA) was being started. However, it was reported that the MOA will address carryover punchlist items. The removal and disposal item was reported as complete with a confirmation letter to follow. The Safety Analysis Report (SAR) was reported in DOE-RL review. Mr. Julian questioned whether this was a SAR, an FSAR, or a Bio. Mr. L. Rogers (RL-TPD) confirmed that the document was a Bio; there is one Bio for the 202-A Building and another Bio for the storage tunnels. The Surveillance and Maintenance (S&M) Plan still required transmittal to BHI, who will then in turn submit the plan to Ecology. Mr. Julian clearly stated that the S&M Plan must be approved by Ecology prior to turnover of the PUREX Facility to BHI. Mr. LeBaron indicated that he would provide a draft copy for Mr. Julian's review that included comments received from BHI. Two Tri-Party Agreement (TPA) milestones were reported as left open. The Hazardous Waste Left in Place listing, as an attachment to the S&M Plan, was reported as complete and will be transmitted to Ecology by letter.

Mr. Julian next noted EM-60 and EM-40 differences in nuclear categories for the PUREX Facility and questioned if this issue would be resolved before turnover. Mr. Rogers provided clarification by stating the PUREX Facility was presently a Category 2 facility and will remain so until requalified. A review may change the designation to a Category 3 facility.

It was next reported that BHI will have an Operational Readiness Review performed for management responsibility. This review was not anticipated to impact the S&M phase.

The discussion next turned to when official S&M phase begins. Mr. Julian indicated compliance with the TPA milestone requires the S&M phase to begin by July of 1998. The July 1998 date is therefore the regulatory point of compliance.

Waste sites and transfer line marking and mapping was reported as ongoing with no commitment identified for this year. Coordination with BHI will continue in this area. Mr. Rogers asked if a previous issue regarding ownership of waste sites was resolved. Mr. R Gonzalez (RL-TPD) responded that this issue was indeed resolved with all waste sites having been assigned to a responsible party. It was noted that some potential remained for future negotiation in this area, but a general agreement has been reached.

Roof repairs were reported for completion by the end of October 1997. A bid award to begin the work was anticipated in the very near future. A clarification was provided to identify EM-60 as the organization financially responsible to have the roof work completed.

Mr. Julian inquired about a structural report for the PUREX canyon. Mr. LeBaron stated that based on the report the canyon will not be reroofed at this point. Mr. Rogers offered to provide Mr. Julian a copy of the draft report.

A status was provided next for the SAMCONS unit. Mr. Julian asked if the SAMCONS had been connected with U Plant. Mr. Rogers indicated that it had not. Mr. Rogers next provided a briefing on a power outage that resulted in a loss of power to the SAMCONS, which further resulted in the loss of HVAC operation at the PUREX Plant for approximately 4 hours. There was no spread of contamination. Mr. Rogers indicated that an automatic switchover to a backup power supply failed and that the cause of this was unknown at this time. This occurrence is being actively investigated and results will be provided when they become available.

Mr. LeBaron reported next that the first quarterly surveillance was performed with the results provided on a handout (Attachment 5). Among other minor items, contamination was discovered in Lab 5. This contamination was reported as minor. A hole in a wall was discovered up near the ceiling in the east end of the P&O gallery (it had been missed during deactivation); and in N-Cell, a cracked glovebox window (previously cracked but not documented) was documented and marked.

#### **GENERAL TOPICS**

- **Additional Topics**

Mr. Strand indicated he would coordinate with Mr. G. Robinson (BHI) regarding the administrative transfer of PUREX RCRA permits from FDH to BHI.

- **Action Items**

- Past Action Items.

There were no past action items.

- New Action Items.

4/08/97:3 Mr. Julian took the action to provide approval for the recent Class I modification to the PUREX Storage Tunnels Part B permit application.

- **Scheduling of Next Meeting**

All attendees agreed to a final meeting, tentatively scheduled for September 23, 1997.



**Attachment 4**

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**PUREX DEACTIVATION PUNCHLIST TABLE**

Punch list Item	BWHC Cognizant Individual	Percentage Complete	Estimated Completion Date	Status
Fire Hazards Analysis	Mark Enghusen	70%	9/15/97	HUGHES to finish analysis and report. Still need to prepare ECN on BHI comments and prepare letter to DOE on results of study with recommendation for non installation due to costs and impacts.
Memorandum of Agreement (MOA)	Lloyd Zinsli	Scheduled to start 9/1	Turnover	Discussing holding partnering session to kick off MOA development
Removal/Disposal of Radioactive, Hazardous and Mixed Waste in Accordance with State and Federal Regulations	Greg LeBaron/Marty Ellis	98%	8/15/97	Need letter to document completion of this action
S&M Phase updated Final Safety Analysis Report (SAR)	Ed Dodd	80%	Turnover	In DOE review cycle
S&M Phase updated Surveillance & maintenance (S&M) Plan	Mark Enghusen	BHI Turnover 98 %  Turnover to Ecology (GJL Action)	NA	Need to complete turnover letter to BHI.

TPA and Regulatory Commitments	Greg LeBaron	75%	8/15/97 - Turnover	Actions requiring incorporation of changes to site permits i.e. Air and Waste discharge will be included in the next issuance of the Site Permits ECD 1998. Milestones will continue to be outstanding until the S&M plan is approved by DOE and Ecology (via BHI). Revised FEMP scheduled to be issued 8/15/97
Waste Sites and Transfer Line Marking and Mapping	Chris Wollam	20%	8/31/97	Actively working, meeting with BHI 8/5/97
Roof Repairs	Rich Hobart	10%	10/31/97	Bid to be awarded this week for Annex portions. Work slated to be completed by 10/31/97 Canyon Structural report in review.
SAMCONS	Bud Blackaby	85%	8/29/97	Finalize ATP and Close End points 8/13/97 Provide Training and Documentation closeout 8/29/97
Complete outstanding audit findings -QUEST, HATS, Occurrence Reports	Lori Young	98%	Turnover	Need to perform final verification and document completion of this action
Physical property records transferred	Lloyd Zinsli	98%	Turnover	Need to perform final verification and document transfer of property to BHI

**Attachment 5**

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**PUREX QUARTERLY SURVEILLANCE SUMMARY**

ITEM	PROBLEM	AREA	RESOLUTION
Lighting System OK	Lights out	Women's Change Room 271-AB Room 212 White Room Process Blower Room P&O Gallery Racks 52 & 61, and Column 24 Column 17, 11 and 25 Lab Entrance 3 <sup>rd</sup> floor AMU 1 <sup>st</sup> floor AMU at Tanks 104 and 105. Basement AMU at Tank 108 Storage Gallery	New light bulbs have been ordered  Replace sockets  Replace bracket
Outside Structural Damage	None	Not Applicable	None Required
Occupational Hazards	None	Not Applicable	None Required
Previously Unidentified Hazards	Chemical crystals  Crystal on and below flange, (NaOH)  8 feet of green tape holding contaminated wires  Rotometers with visible water	Tk-104 (sodium nitrite) and Tk-101 (ferrous sulfamate) pump pans  Tk-201 and TK-202  P&O Gallery rack 21  P&O Gallery racks 63, 5, and 54	Small amount of crystals coming from pump seals. Contained in pump pan. Caution taped area  Need to update radiation routines  Inspected - contains insignificant volumes.
Signs Missing	"No Access" sign on door. Need Radiation Signs and Chain Posted	White Room  Lab Storage Area and Lab Air Locks	Sign removed  Installed - "Exit Survey Required" signs.
Unidentified Containers or Suspect Hazardous Material	Tube of Lube Rex	Labs	Removed to millwright's conex
Water Leaks	None	Not Applicable	None Required

ITEM	PROBLEM	AREA	RESOLUTION
Animal or Insect Intrusion	Dead Mouse  Bird Nests	Women's Change Room  210-A and 293-A East End of 202-A	Pest Control picked up mouse.
Asbestos Concerns		P & O Gallery at Racks: 29 (F-8 coils) 50	Previously verified with insulators not asbestos. Area cleaned up.
Contamination Migration	Contamination levels found above End Point survey. See survey report #A219033	Lab 5 (Existing Contamination Area)	Scheduled for decontamination to develop baseline for migration monitoring.
Doors Locked	None	Not Applicable	None Required
Electrical Hazards	None	Not Applicable	None Required
Excess Combustible Materials	None	Not Applicable	None Required
Excess Equipment or Material	Pipe on the floor	Hot Shop	Spare pipe to long to remove, secured out of the way.
Ground Subsidence (possible pipe failure)	None	Not Applicable	None Required
Housekeeping Needed	Tumbleweeds through areas listed	See Figure #1 for areas: 43, 8, 5, 47, 48, 4, 3, 49, 1, 2, 13, 47, 14, 35, 18, 6, 27, 20, 21, 22, 23, 24, 25, 26, 28, 29, 30, 31, 32, 33, 46, 19, 36, 11, 12, 9, 56.	Will be picked up prior to turnover
Inside Structural Damage	Hole in Wall  Cracks in windows of Glove Box N-4	East End of the P&O Gallery  N-Cell	Filled with RTV and covered with foil tape.  Identified previously cracked windows with blue paint marks.

Distribution:

R. W. Bailey	BWHC	S6-15*
R. C. Bowman	WMH	H6-24*
R. C. Brunke	FDH	H6-21*
R. M. Carosino	RL	A4-52*
M. Ciminera	GSSC	B1-42*
C. E. Clark	RL	A5-15
A. W. Conklin	WDOH	**
R. X. Gonzalez	RL	R3-79
L. L. Grant	WDOH	**
E. M. Greager	WMH	H6-36*
J. P. Hayfield	BWHC	S5-15*
M. N. Jaraysi	Ecology	B5-18**
W. G. Jasen	BWHC	S6-17*
R. J. Julian	Ecology	B5-18**
R. C. King	Ecology	Lacey**
P. J. Krupin	RL	A5-15*
G. J. LeBaron	BWHC	S6-19
J. J. Luke	WMH	H6-25*
E. M. Mattlin	RL	A5-15
J. E. Mecca	RL	R3-79*
M. R. Morton	BHI	X5-53*
S. M. Price	FDH	H6-23*
J. E. Rasmussen	RL	A5-15*
G. S. Robinson	BHI	H0-18*
L. E. Rogers	RL	R3-79
F. A. Ruck III	FDH	H6-22*
J. P. Sands	RL	H0-12*
C. P. Strand	FDH	H6-24
W. E. Toebe	FDH	H6-22*
B. D. Williamson	FDH	B3-15*
RCRA Files/LB	WMH	H6-23

\*cc:Mail

ADMINISTRATIVE RECORD: PUREX, TS-2-6 [Care of EDMC, (H6-08)]

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

Environmental Protection Agency Region 10, Seattle, Washington 98101, Mail  
Stop HW-070 (Records Center)

Please send comments on distribution list to C. P. Strand, FDH (H6-24),  
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