

0060389

PFP Project Managers Meeting
Federal Building/Room 248
Richland, Washington

August 14, 2003
3:30 p.m. - 4:30 p.m.

Meeting Minutes Transmittal

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



S. L. Charboneau, PFP Project Manager, DOE-RL

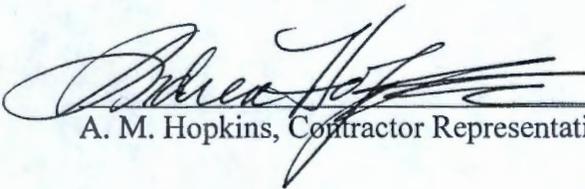
Date: 9/8/03



F. W. Bond, Project Manager,
Washington State Department of Ecology

Date: 9/8/03

PFP, FH Concurrence:



A. M. Hopkins, Contractor Representative, FH

Date: 9/8/03

Purpose: Project Managers Meeting

- Attachment 1: Agenda, Action Item List and Summary of Discussions
- Attachment 2: Presentation Materials
- Attachment 3: Attendee List

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Attachment 1: Agenda, Action Tracking List & Summary of Discussions

1.0 Administrative Issues

- a. Action Tracking Review. Action Tracking List was reviewed by participants. See Action Tracking List included at the end of these minutes for updates. Note that 2 old items were removed and one additional item was added.

2.0 PFP Project Item Status. R. Piippo explained the PMM process to new personnel in attendance. This status is typically provided by the PFP RL Project Manager; however, this was the first PMM for the new Project Manager. S. Charboneau was introduced as the new Project Manager and agreed to provide status at the next PMM.

3.0 Milestone Status

- M83-21 SUBMIT TO THE WASHINGTON STATE DEPARTMENT OF ECOLOGY A PFP RESIDUAL CHEMICAL HAZARDS ASSESSMENT AS A PRIMARY DOCUMENT **DUE 12/31/02.**

Status: Complete – It was agreed to remove this item as it has been completed. This will be reflected in the agenda for the next PMM.

- M83-30 SUBMIT TO ECOLOGY A CLOSURE PLAN AS A PRIMARY DOCUMENT FOR THE 241-Z WASTE TREATMENT FACILITY (TSD UNIT) AND GLOVEBOX HA-20MB **DUE 7/31/03.**

Status: Steve Norton. The closure plans were submitted to Ecology ahead of schedule. Ecology is reviewing the plan; the initial review has identified only minor issues to date. Although allowed 90 days to review, they anticipate they will be done sooner. EPA Dave Bartus has provided some comments to Ecology that need further evaluation. Steve provided a handout shown as Attachment 2, Item 1.

- M83-20 SUBMIT FACILITY TRANSITION END POINT CRITERIA DOCUMENT AS A PRIMARY DOCUMENT TO ECOLOGY PURSUANT TO AGREEMENT ACTION PLAN SECTION 8.5.3 **DUE 9/30/03.**

Status: Andrea Hopkins. On schedule. Document is being reviewed by RL.

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- M83-12 –T01 SUBMIT PFP LEGACY PU HOLDUP REMOVAL PLAN TO ECOLOGY DUE 12/31/03.

Status: Jim Lilly. Jim provided a handout shown as Attachment 2, Item 3. On schedule for possible early submittal to Ecology. Currently under RL review as a new set of comments has been received.

- M83-13 COMPLETE REPACKAGING OF PFP RESIDUES AND SHIPMENT TO CENTRAL WASTE COMPLEX DUE 4/30/04.

Status: Caroline Sutter. Caroline provided a handout shown as Attachment 2, Item 4. She reported that the DNFSB milestone for completion of residues repackaging was completed on August 6, several months ahead of schedule. She noted that the TPA milestone includes additional residues material that are not included in the residues DNFSB milestone, and this work is also progressing ahead of schedule. In that additional group of material are 86 items which contain greater than 450 grams of plutonium. Based on additional review of the material, it is recommended that those items be processed to 3013s instead of through the Residues Project. A second handout, Attachment 2, Item 5, provides the reasoning for this request.

Andrea Hopkins requested that Rick Bond consider a request to store a limited number of POC's containing a specific category of the repackaged residues at PFP for an interim period due to national security requirements. Rick Bond took the action to discuss the request with Ecology management. Rob Piippo took the action to coordinate the development of the text and document the following agreement in the minutes:

Due to national security requirements, the Parties agreed by signature of these meeting minutes to the storage of a limited number of a specific category of mixed waste residues in POC's within the PFP protected area instead of at CWC. The POC's have been/will be repackaged at PFP to meet the acceptance criteria of WIPP, and will be stored until the POC's can be transported to WRAP. Additionally, to facilitate shipping, POCs may be staged in room 235D for up to two weeks prior to shipping. This will allow POCs for two shipments to be prepared concurrently.

Rick Bond discussed the agreement with Laura Cusack and both approved of the language documented above.

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This is consistent with TPA M/S M-083-13 language that the agencies discussed through negotiations and came to agreement that, the locations of waste management activities may be changed through agreement of the Parties. This request is shown on the Action Tracking List as a new action and is assigned to Rick Bond.

- M83-31 DISCONTINUE WASTE DISCHARGES FROM 241-Z TANKS TO TANK FARMS VIA EXISTING LINES **DUE 6/30/05.**

Status: Steve Norton. Steve provided a handout shown as Attachment 2, Item 1. Planning to begin work in October. Work includes pit, cell, and tank cleaning. B. Heineman provided detail on project coordination with Tank Farms.

- M83-40 COMPLETE TRANSITION AND DISMANTLEMENT OF THE 232-Z BLDG INCINERATOR TO SLAB-ON-GRADE (PENDING ENVIRONMENTAL DETERMINATION) **DUE 9/30/06.**

Status: Steve Norton. Ahead of schedule. Steve provided a handout shown as Attachment 2, Item 2. All preparations are ready. DOH approval of NOC is critical path; approval is required sufficiently in advance to support start of work in mid September 2003. S. Charboneau is working on the NOC issue. EECA is under Ecology review and is tied to resolution of M-91 issues.

- M83-14 COMPLETE 100% OF THE LEGACY PU HOLDUP REMOVAL AS DEFINED IN THE LEGACY PU HOLDUP REMOVAL PLAN FOR PFP REQUIRED BY MX-83-12-T01 **DUE 9/30/06.**

Status: Jim Lilly. Jim provided a handout shown as Attachment 2, Item 3.

4. New Topics. None.
5. Next Meeting – September 11, 2003, 3:30 to 4:30, Federal Building, Room 248.

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ACTION TRACKING LIST

Action	Assignee	Date Established/ Due Date	Status
Contact the Nez Perce regarding interest in providing input to the End Point Criteria document.	R. Bond	September 18, 2002/ September 30, 2003	Being routed through DOE and is on track.
Status scope of chemical mitigation activities	A. Hopkins J. Lilly	February 19, 2003	J. Lilly provided Attachment 2, Item 5 for status. Progress to be reported quarterly (e.g. August, November etc.)
IPMP update	B. Heineman	Due August, 2003	On schedule for August submittal. All PMPs to be rolled into one Project Execution Plan for all FH scope.
New Action: A. Wright to set up a milestone review meeting on underground structures on May 16.	A. Wright	May 16, 2003	Remove from Action Tracking List for October PMM. This is a dead issue.
Rick Bond will discuss the following with Ecology Mgt. Due to national security requirements, the Parties agreed to the storage of a limited number of a specific category of mixed waste residues in POC's. The POC's have been repackaged at PFP to meet the acceptance criteria of WIPP, and will be stored in the protected area of PFP until the POC's can be transported to WRAP.	R. Bond	August 14, 2003	Open.

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Attachment 2: Presentation Materials

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Attachment 3: Attendee List

ATTENDEES:

J. Ayres, Ecology
R. Bond, Ecology
S. Charboneau, RL
K. Hadley, FH
B. Heineman, FH
A. Hopkins, FH
J. Lily, FFS
E. Mattlin, RL
S. Norton, FH
J. Perry, FH
R. Piippo, FH
S. Ritts, FH
C. Rodriguez, WTEC
C. Sutter, FH

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Attachment 2: Presentation Materials

Attachment 2: Item 1

PFP August 14, 2003 PMM
Status of M83-30 & M83-31
Jerry Johnston
FH PM for 241-Z Transition

M83-30

Scope

Submit to Ecology a closure plan as a primary document for the 241-Z Waste Treatment Facility (TSD Unit) and Glovebox HA-20MB – Due 7/31/03

Status for 241-Z:

- Milestone Complete - Closure Plan transmitted to Ecology on July 28, 2003.

Status for HA-20MB:

- Milestone Complete - Closure Plan transmitted to Ecology on July 28, 2003.
-

M83-31

Scope

Discontinue waste discharges from 241-Z Tanks to Tank Farms via existing lines - Due 6/30/05

Status

- Formal comments from WDOH on Revision 1 of the 241-Z NOC were received by RL on July 8, 2003. RL and FH had a meeting on 8/1/03 with WDOH to review the proposed comment resolutions. WDOH was satisfied with comment resolutions but would not estimate a turnaround time on approval of Revision 2 due to backlog of work. Revision 2 of the NOC was formally transmitted to RL on 8/8/03. Approval of NOC requested by 9/1/03 to support the M83-31 schedule.
- EPA approval of alternative monitoring plan for the 241-Z stack requested by 9/1/03 to support the M83-31 schedule.
- The 241-Z terminal clean out work is currently scheduled to start in October of 2003.

M83-40 COMPLETE TRANSITION AND DISMANTLEMENT OF THE 232-Z BLDG
INCINERATOR TO SLAB-ON-GRADE (PENDING ENVIRONMENTAL DETERMINATION)
DUE 9/30/06

1. Project is currently on schedule to complete transition and dismantlement of 232-Z on or before 9/30/06.
2. Project is currently in the pre-start-up phase. Environmental documentation is undergoing regulator review.
3. Environmental & Safety Documentation
 - a. Categorical Exclusion for activities except demolition approved by DOE 11/12/02
 - b. Documented Safety Analysis (DSA) for all project work approved by DOE 12/24/02, implemented 6/4/03.
 - c. Criteria Air Emissions New Source Review (NSR) approved by Ecology 12/18/02
 - d. Radioactive Air Emissions Notice of Construction (NOC) transmitted to Ecology, EPA & WDOH 11/7/02. WDOH & EPA approval requested 12/17/02.
 - (1) 11/07/02 initial NOC to WDOH, 12/17-18/02 WDOH mtg, 12/17/02 WDOH comments provided
 - (2) 1/27/03 revised NOC to WDOH, 1/29/03 WDOH meeting, 2/7/03 WDOH comments provided
 - (3) 2/27/03 revised NOC to WDOH, 3/11/03 WDOH meeting, 3/17/03 WDOH requests written responses to list of comments
 - (4) 3/23/03 written responses to WDOH, 3/28/03 WDOH comments on responses
 - (5) 4/6/03 revised written responses to WDOH, 4/18/03 revised NOC to DOE, was transmitted to WDOH 5/12/03.
 - (6) 6/16, 7/21&31/03 C&L transmitted to DOE. 8/8/03 DOE responded to WDOH requesting extension to 8/22/03 for response on C&Ls. Resolution of C&Ls issues and approval of the NOC required sufficiently in advance to support start of work in mid September 2003.
 - e. Engineering Analysis/Cost Evaluation (EE/CA) initiated 10/15/02. EE/CA has been revised with EPA, Ecology & DOE-RL comments. 7/01/03 EE/CA transmitted to Ecology/EPA for review and issuance for public comment. Approval required 4/30/04 to support demolition start up activities and potential acceleration.
4. Initial D&D activity is planned to start mid September 2003 based upon a FH Readiness Assessment and FH authorization of start up.
 - a. Pre D&D work (housekeeping and utility isolation) required for Process Equipment Removal have been completed.
 - (1) Magnehelics have been calibrated and replaced
 - (2) All glovebox gloves have been regloved
 - (3) Electrical isolation work has been completed & temporary power/lights installed.
 - b. Work package has been prepared for first D&D activity, glove box process equipment removal & is in final approval process.
 - c. Pre readiness assessment training and dry runs in progress.

Attachment 2: Item 3

PFP August 14, 2003 PMM
Jim Lilly
Legacy Holdup

M83-12-T01

Scope

Submit PFP Legacy Pu Holdup Removal Plan to Ecology – Due 12/31/03

Status of PFP Legacy Pu Holdup Removal Plan:

- Removal Plan is under review by RL.
- Document preparation processes currently on track for an early submittal.

M83-14

Scope

Complete 100% of the legacy Pu holdup removal as defined in the legacy Pu holdup plan for PFP required by M-83-12-T01 - Due 9/30/06

Status

- Legacy holdup removal field crews completed the final cleanout activities of glovebox HC-7C in 234-5Z. NDA was issued the end of March.
 - Removal activities have generated twenty –55 gallon containers of debris which has been forwarded to CWC.
- Legacy field crews staging for 236-Z building MT glovebox holdup removal
 - Glovebox holdup removal activities continued this month with MT-5 and MT-6 isolations.
 - Removal activities have started in MT-5, with two barrels of debris removed to date.
- Legacy field crews began removal activities on Glovebox HC-9B.
 - Initial glovebox sweeps completed on low, middle and upper glovebox floors.
 - Crew preparing for removal of exterior glovebox equipment.
- Documentation for 234-5Z building glovebox HA-7A holdup removal ongoing for a planned November start of Field work.

Attachment 2: Item 4

PFP Residues Stabilization Project

August 14, 2003

Production Status

Residues Oxide/MOX

Repackaging was completed April 1, 2003.
Last of items packaged into POC on August 6, 2003
179 POCs of oxide/MOX shipped to CWC.

1500kg Oxide/MOX

Repackaging initiated on April 2, 2003.
Repackaged 224 of the 403 items.
Repackaging was suspended to repackage DNFSB milestone items.

Remaining Residues

Repackaging completed on May 30, 2003.
All items measured and packed into POCs.
Completed August 6, 2003.

Reduction Residues

Repackaging completed on May 30, 2003.

Group 2 Alloys

Repackaging completed on July 3, 2003.
All items measured and packed into POCs.
Completed August 6, 2003.

900kg Oxide/MOX

Scheduled for end of August.

Legacy Holdup Material

Feed shift review for processing legacy holdup material complete.
Ready to initiate processing.

Attachment 2: Item 4

NDA Equipment

Total of seven calorimeters.

Calorimeter software modified to an earlier prediction of the measurement results. Counting time will drop from approximately 17 hours per item to 5-6 hours per item. Initiated use on 4 of the 7 calorimeters. Additional data needed to implement on the remaining calorimeters.

Other Activities

1. The qualification paper on the ash standards was approved. Approval of the paper will address the issue on the measurement of 57 billet cans of Rocky Flats ash. This will allow acceptance of the measurements and avoid return the items to PFP for remeasurement.
2. The annual Waste Isolation Pilot Plant (WIPP) recertification audit was conducted during the week. The audit included visual examination technique, Nondestructive Assay (NDA) by Segmented Gamma Scan Assay System (SGSAS), NDA by calorimetry, and solid sampling at the Plutonium Finishing Plant (PFP). There were two recommendations and no Corrective Action Reports (CARs) associated the PFP programs from the audit.
3. Procedures and equipment are in place to performed required WIPP sampling of Hanford ash and Rocky Flats ash. This sampling is required to complete the characterization of the ash waste streams for shipment to WIPP.
4. Shipment of SS&C to WIPP is underway. Oxide/MOX are being scheduled to be shipped.

Reconsideration of the Disposition Path for Select MOX Items 10-30wt% Pu

- All MOX items originally planned for packaging into 3013 cans.
- Based on DOE/HQ Guidance, PFP re-evaluated plans for some MOX and identified possible path for WIPP disposal for MOX <30 wt% Pu.
- Discard methodology determined and procedures put in place to allow discard as TRU waste
 - MOX 10-30 wt% requires processing to lower the Pu assay to less than 10% to meet Safeguards requirements
- Disposition path changed last year for this material

Closer examination of some of the MOX 10-30wt% suggests that thermal stabilization/packaging into 3013 containers is preferred.

Items with highest Pu per item most valuable

- Greater than 450 grams/items

All leftover material from FFTF fuel manufacture – all high purity mixed oxide pellets, powders.

Identical to material already packaged in 3013 cans and that in unirradiated FFTF fuel

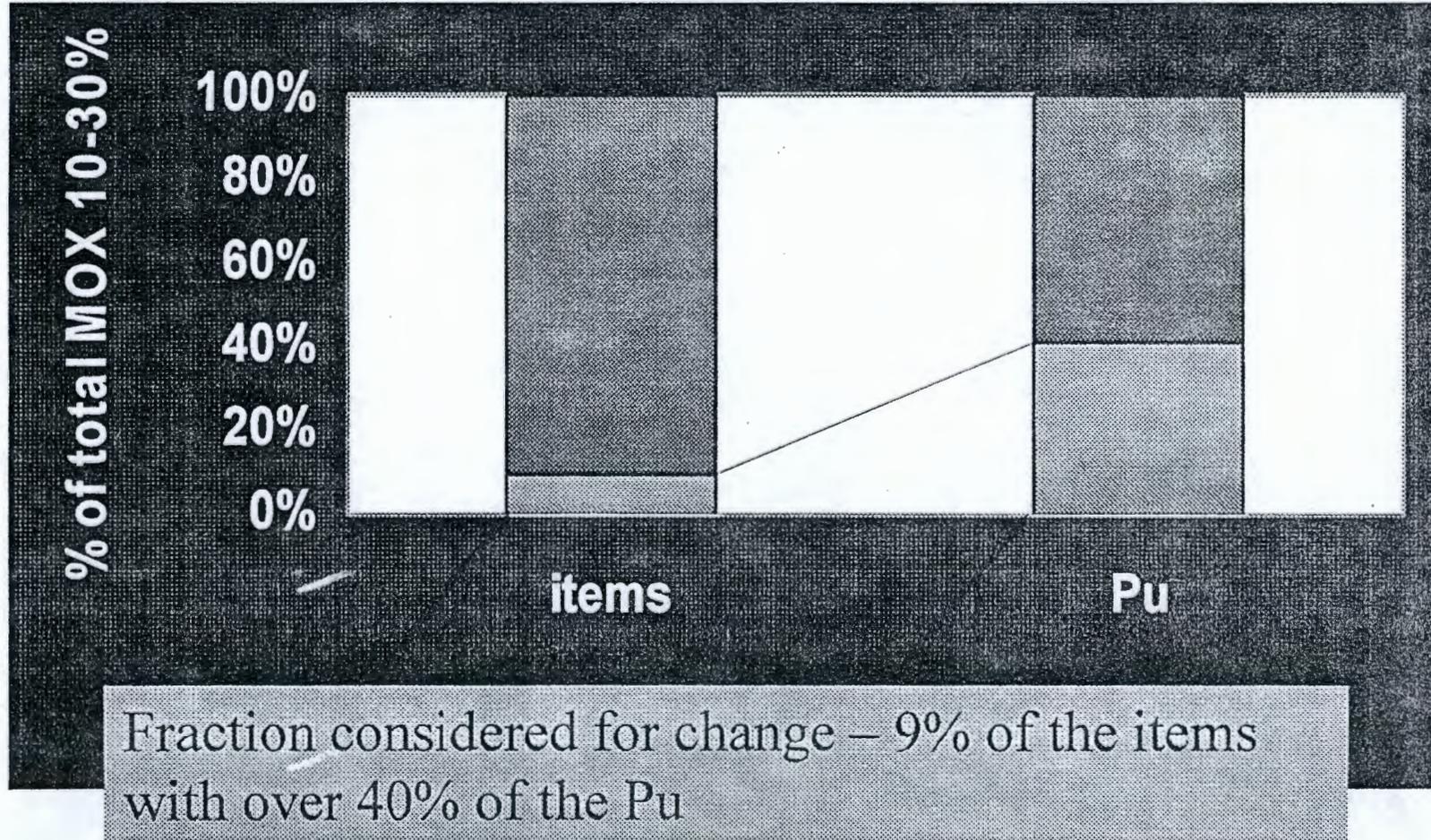
- Pu/EU MOX and MOX>30wt% Pu already in 3013 cans

Material considered high-purity by 3013 standard

- 3013 cutoff is 30wt% (Pu+U)

Material will be included with 3013 containers planned for shipment to SRS for disposition

Portion considered for change has a large fraction of Pu in a small number of items



Other considerations favoring 3013 packaging for this material

- Discard will involve additional processing and worker exposure to lower assay to less than 10wt%
- Material exceeds current residue process operational Pu limits
 - Requires re-analysis and development of higher Pu limits
- 3013 limits result in less “packages”
 - Result in 75 –3013 cans versus 325 Pipe Overpack Containers
 - Less overall handling and exposure
- Less shipment required to move material offsite
 - 1 3013 shipment (SST) versus 12 TRUPAC shipments
- 3013 packaging quickest route to fully a compliant, safe and stable package

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Please send comments on distribution list to Rob Piippo, A4-25 (373-3285).