

**FFTF Project Managers Meeting
Federal Building
Richland, Washington**

October 31, 2006

MEETING MINUTES TRANSMITTAL

Distribution:

R. A. Almquist	RL	A3-04
F. W. Bond	Ecology	HO-57
D. H. Chapin	RL	A3-04
J. E. Hyatt	FH	H8-40
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M. E. Eby	FH	N2-57
O. A. Farabee	RL	A3-04
A. B. Joy	RL	A6-39
R. E. Piippo	FH	H8-12
D. L. Polzin	FH	N2-01
M. T. York	FH	N2-02

ADMINISTRATIVE RECORD FFTF PMM: (two copies): H6-08

Please send comments on distribution list to Rob Piippo, 373-3285 (H8-40)

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Richland, Washington**

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



O. A. Farabee, FFTF Project Manager
DOE-RL


Date: Jan. 18, 2007



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

Date: Jan. 18, 2007

FFTF, Fluor Hanford Concurrence:



D. L. Polzin, Contractor Representative
Fluor Hanford

Date: 1-18-07

Purpose: Project Managers Meeting

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

Attachment 2: List of Attendees

Attachment 3, Item 1, 2 and 3

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Attachment 1

Agenda, Action Tracking List, and Summary of Discussions

1. Administrative Issues

- Next PMM will be held on January 18, 2006.
- The minutes from the Sept 10, 2006, PMM were approved.
- The Action Tracking List was reviewed and three actions that have been completed will be removed. A new action was established to provide Ecology a plan on the projects future path to be due at the January PMM.

2. FFTF Project Status Schedule/Budget Overview

Rod Almquist provided a handout on FFTF's status and the group reviewed accomplishments in 2006, budget performance metrics, and 2007 workscope activities. The handout is included in item attachment 3, item 1. Rod stated that the component core pots drain has been successfully completed. The project is also wrapping up the inspection of the T3 cask. Future scope of work includes shipping 87 sodium bonded fuel pins from PFP to FFTF. The project will continue T3 SARP activities and is working on the RCRA permit. Rick inquired as to the specifics on shipping fuel pins to Idaho. Rod stated that 12 shipments are planned to send the fuel from FFTF to Idaho INEEL. The shipments encompass 3 green fuel transfers and 9 irradiated fuel transfers for a total of 12 shipments. The fuel pins will be shipped beginning September 07 and conclude during the spring of 08. Rick inquired as to the status of gaining HQ approval to ship the fuel pins. Rod stated that the project needed to gain approval of the SARP addendum with a draft going to headquarters EM60 in March 07 and the license is planned to be granted in August 07. Al Farabee pointed out that the project is draining 9 valves that each has 100 gallons of sodium. The project will have to suck out the remaining sodium in the valves and a small amount of residual sodium will still remain. This activity is a major task to be performed next year. Doug Chapin pointed out that this is a major activity and RL has established a performance incentive for the contractor to remove the sodium from the valves. Al reminded staff that this remaining sodium residual is part of the 3,600 gallons that the project had rough estimated would remain. Doug Chapin mentioned that "a sodium disposition report was being developed with FHI to fulfill the TPA M-81-10-T01 target date and the M-92-10 interim milestone". It was agreed that the initial internal, predecisional draft of this report would be prepared by January 18, 2007 for presentation and review at the next PMM to be scheduled in January 2007."

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3. Milestone Status

- M-92-10 - *SUBMIT HANFORD SITE SODIUM DISPOSITION EVALUATION REPORT TO ECOLOGY (Due 7/31/07)*
 - **Status:**
- M-81-10-T01 - *SUBMIT FINAL SODIUM DISPOSITION REPORT (Due 7/31/07)*
 - **Status:**
- M-81-14-T02 – *INITIATE INTERIM DECAY STORAGE VESSEL SODIUM DRAIN (Due 6/30/08)*
 - **Status:**
- M-81-00A-T04 – *COMPLETE TRANSFER OF SPECIAL FUEL TO DOE'S IDAHO NATIONAL ENGINEERING LABORATORY FOR CONSOLIDATED STORAGE (Due 3/31/09)*
 - **Status:**
- M-92-09 - *ESTABLISH MILESTONES FOR AND/OR TARGET DATES IF NEEDED FOR ACQUISITION OF NEW FACILITIES, MODIFICATION OF EXISTING FACILITIES, AND/OR MODIFICATIONS OF PLANNED FACILITIES NECESSARY FOR STORAGE, TREATMENT/PROCESSING, AND DISPOSAL OF HANFORD SITE SODIUM (Due 7/30/09)*
 - **Status:**
- M-81-14 - *COMPLETE FFTF SODIUM DRAIN (Due 9/30/09)*
 - **Status:**
- M-81-15 - *SUBMIT FFTF SURVEILLANCE AND MAINTENANCE PLAN (Due 6/30/10)*
 - **Status:**

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- M-81-00A-T05 – *COMPLETE AUXILIARY PLANT SYSTEMS SHUTDOWN (Due 2/28/11)*
 - **Status:**
- M-81-00A – *COMPLETE FFTF FACILITY TRANSITION AND INITIATE THE SURVEILLANCE AND MAINTENANCE PHASE (Due 2/28/11)*
 - **Status:**

4. New Topics

Doug Chapin submitted two letters to document actions that were agreed to in the August PMM to be stated in the October PMM. The letters are included in attachment 3, item 2.

Rod Almquist provided proposed text on what constitutes completion of interim milestone M-81-14. The group reviewed the text and agreed that Rick Bond, Rod Almquist and Rob Piippo should jointly finalize the text and then have it added to the meeting minutes. The agreement is included in attachment 3, item 3.

5. Next Meeting

January 18, 2007

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ACTION TRACKING LIST

Action	Assignee	Date Established/ Due Date	Status
"Prepare by 01/18/07, an initial internal, predecisional draft Sodium Disposition Report (10-12 page letter report) that will be potentially used to fulfill the TPA M-81-10-T01 and M-92-10 milestones.	Doug Chapin	October 31, 2006 January 18, 2006	

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Attachment 2

**List of Attendees
FFTF PMM**

R. A. Almquist	RL	A3-04
F. W. Bond	Ecology	B5-18
W.W. Bowen	FH	N2-53
D.H. Chapin	RL	A3-04
M.E. Eby	FH	N2-57
O. A. Farabee	RL	A3-04
M.E. Mills	Ecology	H0-57
S. L. Moore	FH	H8-40
J.P. Neath	RL	A3-04
R. E. Piippo	FH	H8-12
D. Polzin	FH	N2-01
M. T. York	FH	N2-02

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Attachment 3

Item 1

Project status handout

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Attachment 3

Item 2

Two letters

Request for 30-day extension to the 90-day accumulation period mixed waste in the 400 Area of the Hanford Facility

Request for Ecology concurrence on RCRA permitting approach for storage of dangerous or mixed waste at the Hanford FFTF



0071464

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

3100 Port of Benton Blvd • Richland, WA 99354 • (509) 372-7950

October 11, 2006

Mr. Keith A. Klein
Richland Operations Office
United States Department of Energy
P.O. Box 550, MSIN: A7-50
Richland, Washington 99352

Re: Request for 30-Day Extension to the 90-Day Accumulation Period for Mixed Waste in the 400 Area of the Hanford Facility

Dear Mr. Klein:

We have reviewed your letter requesting the 30-day extension to the 90-day accumulation period for mixed waste in the 400 Area of the Hanford Facility, and we approve the extension. This extension changes the end date for the 90-day accumulation period that began on July 19, 2006, from October 17, 2006, to November 16, 2006. In accordance with the Washington Administrative Code 173-303-200(1)(a), we agree that the 30-day extension is necessary as a result of unforeseen circumstances that occurred in the 400 Area, due to unexpected radiological dose rates on the mixed waste in question. This created difficulties in transferring mixed waste to an existing treatment, storage, and disposal unit.

We request that you document the approval of the extension in the October 2006 FFTF Project Manager Meeting.

We appreciate the support the United States Department of Energy and its contractors provide with this permitting action. If you have any questions, contact me at 509-372-7885, or Matt Mills at 509-372-7917.

Sincerely,

Rick Bond
Transition Project Manager
Nuclear Waste Program

pll

cc: See next page

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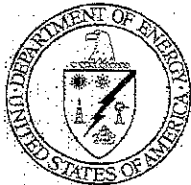
Mr. Keith A. Klein

October 11, 2006

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cc: Nick Ceto, EPA
Doug Chapin, USDOE
Al Farabee, USDOE
Tony McKarns, USDOE
William Bowen, DFSH
Richard Engelmann, FH
Tony Miskho, FH
Dave Polzin, FH
Stuart Harris, CTUIR
Gabriel Bohnee, NPT
Russell Jim, YN
Todd Martin, HAB
Ken Niles, ODOE
Administrative Record: FFTF, TSD: S-4-2
Environmental Portal

0070801



Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

06-AMRC-0349

SEP 14 2006

Ms. Jane A. Hedges, Program Manager
Nuclear Waste Program
State of Washington
Department of Ecology
3100 Port of Benton Boulevard
Richland, Washington 99354

Dear Ms. Hedges:

REQUEST FOR ECOLOGY CONCURRENCE ON RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) PERMITTING APPROACH FOR STORAGE OF DANGEROUS AND/OR MIXED WASTE AT THE FAST FLUX TEST FACILITY (FFTF) ON THE HANFORD SITE

Over the last few weeks, discussions have occurred between representatives from the U.S. Department of Energy, Richland Operations Office (RL) and the Washington State Department of Ecology (Ecology) on an emerging Resource Conservation and Recovery Act (RCRA) permitting need for storage of dangerous and/or mixed waste which would include elemental sodium (D001, D003, WSC2) and sodium hydroxide (D002), as well as debris (i.e., piping, equipment, and components) contaminated with dangerous and/or mixed waste. From the understandings reached through the meetings held jointly with Ecology staff, RL has prepared a permitting approach for this effort and is seeking Ecology concurrence with this approach prior to implementation.

RL is planning on using an existing structure(s) within the Hanford Facility 400 Area protected area to store the aforementioned waste until a permitted treatment process can be provided. Storage in the 200 Area Central Waste Complex is also being evaluated. RL is requesting Ecology concur on the following points:

- Establishing a new Treatment, Storage, and/or Disposal (TSD) unit in the 400 Area for storage of the aforementioned waste by converting portions of an existing structure(s) into TSD unit storage area(s) does not trigger the Notice of Intent (NOI) requirements in WAC 173-303-281(2).
- Ecology will issue a 180-day Temporary Authorization for the safe storage of the aforementioned waste under WAC 173-303-830(4)(e), after RL submits a Part A Permit Application for the new TSD unit, identify a schedule for submittal of the Part B Permit Application, and outline how the waste will be safely stored during the development of the Part B Permit. The Temporary Authorization will approve the Part A Permit Application for the storage of the waste.

Ms. J. A. Hedges
06-AMRC-0349

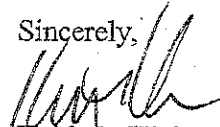
- 2 -

SEP 14 2006

- RL will submit an uncertified draft Part B Permit Application for Ecology review, resolve any Ecology comments, and submit a certified Part B Permit Application in a timely manner. Ecology will review the certified Part B Permit Application to determine if Notice of Deficiency comments are warranted.
- If necessary, Ecology will issue a second 180-day temporary authorization, as authorized by WAC 173-303-830(4)(e)(iv), to allow time for completion of public involvement and finalization of the permit modification to incorporate the new TSD unit into the Hanford Facility RCRA Permit.
- Following completion of the Tank Closure and Waste Management Environmental Impact Statement and issuance of its Record of Decision, RL and Ecology will determine the regulatory path for treatment and/or disposal of remaining FFTF Project waste.

RL appreciates Ecology's willingness to discuss the permitting approach related to storage of waste elemental sodium. If Ecology agrees, please respond in writing and RL will begin the permitting effort by preparing and submitting a certified Part A Permit Application. If you have any questions, please contact me, or your staff may contact Joe R. Franco, Assistant Manager for the River Corridor, on (509) 376-4343.

Sincerely,



Keith A. Klein
Manager

AMRC:OAF

cc: F. W. Bond, Ecology
W. W. Bowen, DFSH
N. Ceto, EPA
S. B. Cherry, FHI
G. P. Davis, Ecology
S. V. Doebler, FHI
M. E. Eby, FHI
R. H. Engelmann, FHI
J. E. Hyatt, FHI
M. E. Mills, Ecology
A. G. Miskho, FHI
R. E. Piippo, FHI
D. L. Polzin, FHI
R. R. Skimmarland, Ecology
S. A. Thompson, FHI
J. F. Williams, FHI
M. T. York, FHI
Administrative Record, H6-08 (FFTF, TSD: S-4-2)
Environmental Portal, A3-01

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Attachment 3, Item 3

Completion agreement for TPA interim milestone M-81-14 Complete sodium drain

FFTF TPA milestones were negotiated and agreed upon with the assumption that an estimated 3,600 gallons of sodium residuals would remain in the plant following completion of the M-81-14 sodium drain activities. Completed TPA interim milestone M-81-13, titled "Complete reactor and heat transport system sodium drain," states "Remaining sodium residuals (est. 3600 "gallons") will be solid in form (adhering to the surfaces of the system components, small pockets inherent to the reactor design, and in heat transport systems cold traps and valves)." Following completion of actual reactor systems sodium drain evolutions, it is now estimated, however not quantifiable, that approximately 7,000 gallons of sodium residuals will remain in the FFTF drained sodium systems. The majority of the additional 3,400 gallons consists of residual sodium that will remain in the miles of small bore piping at the facility. This additional sodium is estimated as 10% of the volume of the small bore piping. The remainder of the additional sodium was determined by adding additional sodium amounts from the Fuel Storage Facility fuel storage tubes and from the Core Component Pots. Rick Bond and Laura Cusack (per Rick Bond) understand the systems have been drained to the maximum extent practicable and agree that the estimated volume of remaining sodium is not essential to the completion of the M-81-14 Interim Milestone. They suggest the estimated volume of remaining sodium not be identified in the milestone completion letter. The parties are in agreement that the M-81-14 interim milestone will be considered complete when the systems are drained to the maximum extent practicable.