

FFTF Project Managers Meeting
Federal Building/Room G11
Richland, Washington

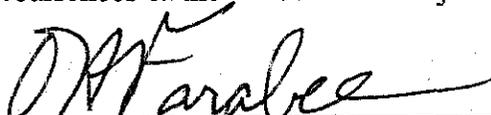
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August 5, 2004
2:30 p.m. - 3:30 p.m.

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MEETING MINUTES TRANSMITTAL EDMC

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: 11/2/04



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

Date: 11/2/04

FFTF, FH Concurrence:



D. L. Polzin, Contractor Representative
Fluor Hanford

Date: 11/2/04

Purpose: Project Managers Meeting

Attachment 1: Agenda, Action Tracking List, and Summary of Discussions
Attachment 2: List of Attendees at the May 13, 2004, PMM

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MEETING MINUTES TRANSMITTAL

Attachment 1

Agenda, Action Tracking List, and Summary of Discussions

1.0 Administrative Issues

- PMM meetings to be held bi-monthly. Next PMM will be held on October 21, 2004.
- The minutes from the May 13, 2004, PMM were approved.
- The Action Tracking List was reviewed. An action to provide a tour for Ecology is still open and being scheduled.

2.0 FFTF Project Status Schedule/Budget/RFP Overview.

Al Farabee provided an update on FFTF deactivation:

Major accomplishments

PRIMARY SODIUM DRAIN: Following completion of all preparations last week (including signoff of a Readiness Checklist), Phase 1 of primary sodium drain is continuing essentially as planned. Following the initial transfer of ~2,000 gallons of sodium from the primary sodium storage tank (T-43) to the Sodium Storage Facility (SSF), the reactor vessel sodium level was reduced to approximately 11 feet below the normal level and the first two loops (including pumps and Intermediate Heat Exchangers) were drained last week. One of the large vertical tanks in SSF is now approximately 68% filled with primary sodium (54,100 gallons). Drain of the third (final) loop is currently in progress; reactor vessel level will be reduced another five feet as part of this evolution. Phase 1 of primary sodium drain should be completed this week.

SODIUM FLUSH OF IN-CONTAINMENT NaK LOOPS: Preparations for sodium flush of the two in-containment NaK loops are complete. Mechanical installation of the primary cold trap and IDS NaK loop cross connects is complete, the loops have been refilled, and the EM pumps returned to operation. The EM pumps have been running and the loops have been heated to well within the desired operating range. Trace heat and insulation have been installed on the cross connects and checkout is complete. The flush procedure is fully approved and signoff of Readiness Checklist items is complete. Sodium flush of the two in-containment NaK loops was completed last week. Following the flushes, the loops were drained to the maximum extent possible. The residual sodium in the loops will remain frozen under an inert gas blanket pending disposition with all of the sodium residuals later in the project.

**FFTF Project Managers Meeting
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**August 5, 2004
2:30 p.m. – 3:30 p.m.**

MEETING MINUTES TRANSMITTAL

FSF NaK DRAIN: Drain and transfer of the FSF NaK into the storage vessel sodium was successfully completed. Approximately 60 gallons of NaK was removed from the loop low point (in-vessel cooler) via insertion of a flexible hose. Subsequent testing confirmed that a flow path had been created, thus the loop is now in a condition that allows safe and efficient cleaning of the residuals. All of the accessible NaK (approximately 360 gallons) was transferred from the NaK storage tank into the sodium; 20-25 gallons remain in the storage tank (to be cleaned at a later time). Removal of the temporary portion of the NaK transfer tubing used for this work is planned for later this week.

IEM CELL: The disassembly of fuel assembly MFF-1 and loading the of fuel pins into Ident 69 pin containers and pin baskets completed on July 9, 2004 (22 days ahead of schedule). The FFTF DOE RL Facility Representative Ben Burton has reviewed the above activity and is in agreement that the above scope has been completed as stated. Preparations are underway to resume fuel washing activities and prepare for the processing of fuel assembly PO-4.

FUEL OFFLOAD: The 3rd of 5 recycled ISCs was shipped to the 200 Area ISA last week. Preparations are in progress to ship the 4th of 5 recycled ISCs this week. ISC #11 of the 22 already loaded ISCs was shipped to the 200 Area ISA last week and preparations are in progress to ship ISC #12 this week.

NE LEGACIES PROGRAM: Neutralization of the concentrated caustic from cleaning the CRCTA vessel is in progress and transfer to TEDF should complete this week. Preparations are being made for the transfer of several sodium/NaK wetted components to Sandia National Laboratory (for use in an experimental lithium loop). Identification/qualification of an acceptable shipping container has become an issue but efforts are continuing. A contract is in place for transferring the 337 Building sodium cold trap to Creative Engineers Incorporated; we are still waiting for approval of the required DOT shipping exemption but we have been assured that we will receive it this week.

ISC PROCUREMENT Fabrication efforts continued as summarized below: FFTF engineers traveled to ABW at Arlington, WA to view ISC Unit #31 that fell off the truck in route to Yakima Precast, Inc.(YPI) in Yakima. The confinement boundary and steel structures for the first new ISC (Unit 31) had been completed and while in route on July 19 for fabrication of the concrete portion of the ISC, the steel core portion of ISC Unit #31 fell off of a transport truck and was damaged. The accidental drop occurred while rounding a corner at an intersection at relatively low speeds. The status of ISC Unit #31 is currently being assessed. All components except the internal impact limiters have been received by TN for the first group of ten casks. The containment boundary for ISC Unit #32 has been on hold since ~6/23/04 due to damaged thread in the top flange discovered during inspection. ABW Technologies, the subcontractor

**FFTF Project Managers Meeting
Federal Building/Room G11
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performing the fabrication activities for Transnuclear (TN) has been attempting to justify a “use-as-is” disposition, however on 8/9/04, TN directed ABW to implement a “repair”. The repair plans have not yet been received by FH. Unit #33 was completed and shipped to Yakima Precast (and arrived safely) on 8/9/04. Fabrication work is progressing on assembly of additional units. The other seven units are in various stages of fabrication. Concrete fabrication traveler is in process of comment incorporation and final review. ISC concrete forms were loaded on Friday June 11, 2004 for shipment to YPI for use in fabrication of the new 22 casks.

Two minor 1st aid incidents occurred at the facility.

Rick Bond requested an update on sending sodium to the Waste Treatment Plant. Al stated Office of River Protection is still planning to take FFTFs sodium as feed to the Waste Treatment Plant. No known change is currently planned.

Budget - The Gen II submittal has been prepared and Al has signed off on the field budget submittal. No issues have arisen on the projects funding.

RFP – Selection date for the new FFTF contractor is 10-1-2004. FH will be retained until RL feels that the new contractor is ready to take over the FFTF scope of work. The procurement is on schedule.

FFTF Closure Project Contract: DOE is currently evaluating an impending Request for Proposal (RFP) No. DE-RP06-04RL14600 and contract award for the FFTF Closure Project, defined as completion of deactivation and decommissioning of the FFTF and designated support facilities on the Hanford Site. DOE is currently engaged in the permanent deactivation of the FFTF consistent with the 5/95 FFTF Shutdown Environmental Assessment (EA) and Finding of No Significance (FONSI), and the 1/26/01 ROD for the Nuclear Infrastructure Programmatic Environmental Impact Statement (EIS). Major deactivation activities underway at this time include: washing the FFTF fuel to remove sodium, placing the fuel into dry cask storage, draining sodium systems, and deactivating auxiliary plant systems. The FFTF fuel, which includes sodium-bonded fuel, is being managed and dispositioned consistent with previous applicable DOE NEPA decisions.

FFTF Decommissioning EIS (DOE/EIS-0364): DOE is planning to prepare an EIS (DOE/EIS-0364) for the proposed decommissioning of the FFTF and its designated support facilities on the Hanford Site. DOE's purpose and need is to reduce long-term risks associated with the deactivated FFTF and its designated support facilities, and to reduce surveillance and maintenance costs. In order to meet this purpose and need, DOE proposes to decommission the deactivated FFTF and its support facilities by 9/12, consistent with the aforementioned, ongoing

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RFP No. DE-RP06-04RL14600 for the FFTF Closure Project. The EIS will assess the range of reasonable alternatives to accomplish this proposed action regarding DOE's need for decommissioning the FFTF, and a No Action alternative. DOE's current proposed alternatives include No Action, entombment, and removal. Other reasonable alternatives that may arise during public scoping and preparation of the draft EIS would also be considered. Because DOE has made a programmatic NEPA decision (i.e., the 1/26/01 ROD for the Nuclear Infrastructure Programmatic EIS) to permanently shutdown and deactivate FFTF, and is currently performing deactivation activities consistent with this decision, restart of the FFTF is not considered a reasonable decommissioning alternative. The preferred alternative for decommissioning would be identified in the EIS and DOE's decision would be announced in a ROD.

On 7/16/04, DOE awarded the FFTF Decommissioning EIS preparation contract to Battelle Memorial Institute. DOE plans to publish the EIS Notice of Intent (NOI) in the Federal Register on Friday, 8/13/04, which begins the formal EIS process and the EIS public scoping comment period. DOE plans to end the public scoping comment period on Friday, 10/8/04. Comments postmarked after the 10/8/04 date will be considered by DOE to the extent practicable. DOE's present planning schedule for the EIS and Record of Decision (ROD) preparation process is to publish/issue the draft EIS in 2/05, the final EIS in 9/05, and the EIS ROD in 12/05.

3.0 Milestone Status

- M-81-00A – *COMPLETE FFTF FACILITY TRANSITION AND INITIATE THE SURVEILLANCE AND MAINTENANCE PHASE (Due 2/28/11)*
 - **Status:** On schedule

- M-81-00A-T03 – *COMPLETE TRANSFER OF IRRADIATED FUEL TO SECURE ONSITE STORAGE (Due 3/31/09)*
 - **Status:** On schedule

- M-81-00A-T04 – *COMPLETE TRANSFER OF SPECIAL FUEL TO DOE'S IDAHO NATIONAL ENGINEERING LABORATORY FOR CONSOLIDATED STORAGE (Due 3/31/09)*
 - **Status:** On schedule

- M-81-00A-T05 – *COMPLETE AUXILIARY PLANT SYSTEMS SHUTDOWN (Due 2/28/11)*
 - **Status:** On schedule

**FFTF Project Managers Meeting
Federal Building/Room G11
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**August 5, 2004
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MEETING MINUTES TRANSMITTAL

- M-81-10-T01 - *SUBMIT FINAL SODIUM DISPOSITION REPORT (Due 9/30/05)*
 - **Status:** On schedule.
- M-81-11 - *SUBMIT FFTF END POINT CRITERIA DOCUMENT (Due 8/31/05)*
 - **Status:**
- M-81-13 - *COMPLETE REACTOR AND HEAT TRANSPORT SYSTEM SODIUM DRAIN (Due 6/30/05)*
 - **Status:** On schedule
- M-81-14-T01 - *COMPLETE FUEL STORAGE FACILITY SODIUM DRAIN (Due 4/30/07)*
 - **Status:** On schedule
- M-81-14-T02 - *INITIATE INTERIM DECAY STORAGE VESSEL SODIUM DRAIN (Due 6/30/08)*
 - **Status:** On schedule
- M-81-14 - *COMPLETE FFTF SODIUM DRAIN (Due 9/30/09)*
 - **Status:** On schedule
- M-81-15 - *SUBMIT FFTF SURVEILLANCE AND MAINTENANCE PLAN (Due 6/30/10)*
 - **Status:** On schedule
- 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:** On schedule
- M-92-10 - *SUBMIT HANFORD SITE SODIUM DISPOSITION EVALUATION REPORT TO ECOLOGY (Due 9/30/05)*
 - **Status:** On schedule

**FFTF Project Managers Meeting
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**August 5, 2004
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- *MX-92-11-T01 - COMPLETE DISPOSITION OPTIONS FOR ALL HANFORD NON-RADIOACTIVE SODIUM (Due 9/30/04)*

Status: On schedule pending DOT waiver approval.

4.0 New Topics

None

5.0 Next Meeting

- October 21, 2004

ACTION TRACKING LIST

Action	Assignee	Date Established/ Due Date	Status
Arrange FFTF tour for Ecology	D. Chapin	TBD	Open

**FFTF Project Managers Meeting
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Richland, Washington**

**August 8, 2004
2:30 p.m. – 3:30 p.m.**

MEETING MINUTES TRANSMITTAL

Attachment 2

**List of Attendees
FFTF PMM
May 13, 2004**

R. A. Almquist	RL	A3-04
J. Ayres	Ecology	B5-18
F. W. Bond	Ecology	B5-18
D. H. Chapin	RL	A3-04
M. E. Eby	FH	A4-25
O. A. Farabee	RL	A3-04
R. E. Piippo	FH	A4-25
D. L. Polzin	FH	N2-01
D. Teimouri	FH	A4-25
M. T. York	FH	N2-02

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Distribution:

R. A. Almquist	RL	A3-04
J. M. Ayres	Ecology	B5-18
F. W. Bond	Ecology	B5-18
W. W. Bowen	DFSH	N2-53
D. H. Chapin	RL	A3-04
E. B. Dagan	RL	A5-15
G. P. Davis	Ecology	B5-18
M. E. Eby	FH	N2-57
O. A. Farabee	DOE	A3-04
M. L. Goldstein	EPA	B5-01
D. A. Faulk	EPA	B5-01
J. B. Hebdon	RL	A5-15
S. V. Doebler	FH	N2-33
R. E. Piippo	FH	A4-25
D. L. Polzin	FH	N2-01
M. T. York	FH	N2-02

ADMINISTRATIVE RECORD (two copies): A4-25

Debbi Isom (two copies): H6-08

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