

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

0060870

July 24, 2003  
2:00 P.M. - 3:00 P.M.

MEETING MINUTES TRANSMITTAL

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

Date: 11/6/03

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

Date: 11/6/03

FFTF, FH Concurrence:

*S. W. Scott for*  
S. W. Scott, Contractor Representative, FH

Date: 11/5/03

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Purpose: Project Managers Meeting

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

**RECEIVED**  
DEC 03 2003  
**EDMC**

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**MEETING MINUTES TRANSMITTAL**

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

1. Administrative Issues
  - a) Project Manager Meeting (PMM) Process and PMM Meeting Frequency  
R. Piippo briefly explained the PMM process and suggested that the PMM frequency should be determined after listening to the presentation on the FFTF project status.
  - b) Action Tracking Review. R. Piippo briefly explained the method to assign and track action items. Action items are tracked on the Action Tracking List (Attachment 1).
2. FFTF Project Status Schedule/Budget/RFP Overview – Al Farabee provided plant status. A handout was provided and used for this discussion; the handout is included as Attachment 2.
3. Milestone Status. Al Farabee discussed the milestone status. See Attachment 2. Milestones are on schedule except for M-81-14-T01. The milestone completion for M-81-14-T01 is scheduled for one month after the TPA milestone completion date. RL will continue to work to recover the schedule.
4. Sodium Change Package M-092-02-01 Status. The change package has been approved. Three M-92 milestones will be added to the agenda for future PMMs.
5. New Topics. Rod Almquist discussed the irrelevance of M-81-11 and M-81-15. Rod and Stan Scott and Doug Chapin stated that these milestones only make sense if there is a long duration between deactivation and demolition. These milestones were generated with that plan in mind. However, the new plan has the deactivation and demolition intermingled. This makes the development of the Surveillance and Maintenance Plan (M-81-15) and the End Point Criteria Document (M-81-11) unnecessary. Rick Bond agreed. Rod will revisit this in the next few months.

There was discussion about the development of the Environmental Impact Statement (EIS). Al Farabee stated that there is no urgency at this time to initiate work on the EIS as FFTF decommissioning is still several years away. In addition, the development of the EIS is dependent upon funding.

6. Next Meeting – October 23, 2003. Time – 3:00 – 4:00. Federal Building – Room G11

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**ACTION TRACKING LIST**

<b>Action</b>	<b>Assignee</b>	<b>Date Established/ Due Date</b>	<b>Status</b>
Add M-92 milestones to agenda.	R. Piippo	July 24 2003/Oct. 2003	Open

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**Attachment 2: Presentation Materials**

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**Attachment 3: Attendee List**

**ATTENDEES**

R. A. Almquist	RL	A3-04
J. M. Ayres	Ecology	B5-18
F. W. Bond	Ecology	B5-18
D. H. Chapin	RL	A3-04
E. B. Dagan	RL	A5-15
G. P. Davis	Ecology	B5-18
O. A. Farabee	DOE	A3-04
D. Nielson	FH	N2-53
R. E. Piippo	FH	A4-25
S. T. Ritts	FH	A4-25
S. W. Scott	FH	N2-57

**U.S. Department of Energy  
Richland Operations Office  
Fast Flux Test Facility (FFTF) Deactivation**

**Project Managers Meeting  
July 24, 2003**

**Tri-Party Agreement  
M-81-00 Series Milestones and  
Related M-20-29B Milestone**

# 7/03 Status of FFTF Deactivation TPA M-81-00 Milestones and Related M-20-29B Milestone

<b>Milestone</b>	<b>Milestone Description</b>	<b>Due Date</b>	<b>Status</b>
M-81-00A	Complete FFTF Facility Transition and Initiate the Surveillance and Maintenance Phase	2/28/11	On Schedule
M-81-00-T01	Complete Reactor Defueling	9/30/95	Completed 4/19/95
M-81-00A-T02	Complete Transfer of Unirradiated Fuel to Secure Onsite Storage	3/31/09	On Schedule
M-81-00A-T03	Complete Transfer of Irradiated Fuel to Secure Onsite Storage	3/31/09	On Schedule
M-81-00A-T04	Complete Transfer of Special Fuel to DOE's Idaho National Engineering Laboratory for Consolidated Storage	3/31/09	On Schedule
M-81-00A-T05	Complete Auxiliary Plant Systems Shutdown	2/28/11	On Schedule
M-81-01	Initiate Sodium Storage Facility Construction	2/28/97	Completed 10/9/95
M-81-02	Complete Sodium Storage Facility Startup	7/31/98	Completed 1/97

# 7/03 Status of FFTF Deactivation TPA M-81-00 Milestones and Related M-20-29B Milestone

<b>Milestone</b>	<b>Milestone Description</b>	<b>Due Date</b>	<b>Status</b>
M-81-10-T01	Submit Final Sodium Disposition Report	9/30/05	On Schedule
M-81-11	Submit FFTF End Point Criteria Document	8/31/05	On Schedule
M-81-12	Initiate FFTF Sodium Drain	6/30/03	Completed 4/7/03
M-81-13	Complete Reactor and Heat Transport System Sodium Drain	6/30/05	On Schedule
M-81-14-T01	Complete Fuel Storage Facility Sodium Drain	4/30/07	Schedule Slip 8/07
M-81-14-T02	Initiate Interim Decay Storage Vessel Sodium Drain	6/30/08	On Schedule 3/08
M-81-14	Complete FFTF Sodium Drain	9/30/09	On Schedule (11/08)
M-81-15	Submit FFTF Surveillance and Maintenance Plan	6/30/10	On Schedule
M-20-29B	Submit Sodium Storage Facility and Sodium Reaction Facility Closure Plan or Request for Procedural Closure to Ecology as Defined in Agreement Section 6.3.3	6/30/03	Completed 6/12/03

# **Significant Accomplishments**

## **(7/03)**

- **Reinstatement of TPA M-81-00 Series Milestones and Related M-20-29B Milestone**
  - The Change Request re-establishing the subject milestones and target dates for the FFTF deactivation was approved by the Tri-Party agencies in 5/03.
- **Fuel Offload**
  - On 4/28/03, approval was received from the FH Authorization Authority to begin fuel offload activities.
  - Three Interim Storage Casks (ISC) have been loaded and transferred to the Interim Storage Area (ISA).
  - The ISC procurement contract has been awarded.

# Significant Accomplishments

## (7/03, Continued)

### ■ **M-81-12 Completed**

- Sodium drain from the secondary sodium loops to the Sodium Storage Facility was initiated on 4/7/03. Drain of the secondary loops was completed on 4/16/03.

### ■ **M-20-29B Completed**

- DOE-RL submitted a Resource Conservation and Recovery Act (RCRA) procedural closure request to Ecology for the Sodium Storage Facility/Sodium Reaction Facility (per Section 6.3.3 of the TPA) on 6/12/03.
- Ecology has reviewed and agrees closure is appropriate. Public comment period scheduled 8/4/03 through 9/18/03. Final decision to be communicated within 30 days following public comment.

# **Significant Planned Actions (Next six months)**

## ■ **Fuel Offload**

- 9 more ISCs will be loaded and transferred to either the ISA or PFP, for a total of 12 ISCs (81 fuel assemblies) being dispositioned by 1/22/04.
- Preparation will begin for special fuel disassembly in the Interim Examination and Maintenance (IEM) Cell.
- Planning and preparations are underway to transfer unirradiated fuel to the Plutonium Finishing Plant.

## ■ **Sodium Drain**

- The Intermediate Heat Exchanger (IHX) secondary-side drains will be completed (possibly by the end of this fiscal year).
- Work is in progress on procuring the reactor vessel drain pump.

# Schedule/Cost Performance Fiscal Year to Date Status (\$000s)

## FYTD Schedule/Cost Performance (\$000)

		Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
RL-CP04	<b>FFTF Project</b>	28,194	27,252	27,740	-943	-3%	-488	-2%	38,151

Status through June 2003 month end

### **Schedule Variance Analysis (-\$0.9M):**

The schedule variance is within the established threshold (+/- 10% or \$1M).

### **Cost Variance Analysis (-\$0.5M):**

The cost variance is within the established threshold (+/- 10% or \$1M).

# Project Issues/Summary

- A lifecycle project rebaseline was completed 6/30/03 based on \$43.8 million in FY04 and \$46.1 million thereafter.
  - Resulted in a schedule slip for target milestone M-81-14-T01 (Complete FSF Sodium Drain)
- The project is currently on track to meet all enforceable milestones reinstated by the Tri-Party agencies in 5/03.

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D. H. Chapin	RL	A3-04
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G. P. Davis	Ecology	B5-18
O. A. Farabee	DOE	A3-04
M. L. Goldstein	EPA	B5-01
D. A. Faulk	EPA	B5-01
J. B. Hebdon	RL	A5-15
D. B. Klos	FH	N2-51
D. Nielson	FH	N2-53
R. E. Piippo	FH	A4-25
S. W. Scott	FH	N2-57

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).