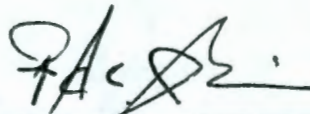


Meeting Minutes Transmittal


**M-91 Project Meeting
Ecology Interface Meeting
2704HV/Rm. G229/600 Area
Hanford, Washington
May 3, 2001**

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



Fred Jamison, Project Manager, Ecology

Date: 06-28-01.



Project Manager Representative, RL *Todd Schroeder*

Date: 28 June 2001



Project Manager Representative, FH WMP

Date: 6/28/01

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**M-91 PROJECT MEETING
Project Managers Meeting
2704HV/Rm. G229/600 Area
Hanford, Washington**

May 3, 2001

Attendance List

Name	Organization	Phone Number	MSIN
Julie Stitt	FH	2-0300	
KEND HADEN	FH	372-3201	G1...
PAUL J. CRANE	FH	372-3477	T4-04
Todd Shrader	RL-WMD	376-2725	H0-12
Rick Engelman	FH	376-7485	G1-30
Ziglar G. Gable	FH	372-0761	
FRED C. JAMISON	ECOLOGY	736-3022	BS-18
Jenni Stutz	FH	376-7846	

M-91 PROJECT MEETING MINUTES
Project Managers Meeting
2704HV/G229/600 Area
Hanford, Washington

May 3, 2001

- I. Approval of March 22, 2001 M-91 Project Meeting Minutes (Ecology/DOE-RL/FH)

- II. Milestone Status
 - A. Todd Shrader (RL) gave a status of the M-91 milestones and provided a handout of his presentation to Ecology.

- III. General Discussion
 - A. Todd Shrader asked Fred Jamison (Ecology) if the format of the presentation was what he was looking for in future meetings. Fred Jamison stated the format was acceptable. It was agreed that a similar format would be used for milestone reporting for the other projects.

- IV. Next M-91 Project Meeting
 - A. Next meeting is scheduled for May 24, 2001.

M-91 TPA MILESTONES STATUS REPORT

May 3, 2001

TPA MILESTONE	DESCRIPTION	TPA DATE	PROPOSED DATE
M-91-01	<p><i>COMPLETE THE ACQUISITION OF NEW FACILITIES, MODIFICATION OF EXISTING FACILITIES, AND/OR MODIFICATION OF PLANNED FACILITIES NECESSARY FOR STORAGE, AND TREATMENT/PROCESSING PRIOR TO DISPOSAL OF ALL HANFORD SITE POST 1970 TRU/TRUM.</i></p> <p>** THE DATE FOR COMPLETION OF M-91-01 WILL BE DETERMINED AFTER REQUIRED TECHNOLOGY HAS BEEN DETERMINED THROUGH THE TRU/TRUM PMP, BUT WILL BE NO LATER THAN DECEMBER 2000.</p> <p>Status: TBE date in dispute at Project Managers' level until May 22, 2001.</p> <p>Progress: Proposed date change was not included in recently submitted Draft Change Request for M-91-03 PMP due to an oversight. Proposed date will correspond to date for M-91-08-T01.</p>	<p>TO BE ESTABLISHED** (BUT NO LATER THAN 12/31/2000)</p>	9/30/2012
M-91-03	<p><i>SUBMIT HANFORD SITE TRU/TRUM WASTE PROJECT MANAGEMENT PLAN (PMP) TO ECOLOGY PURSUANT TO AGREEMENT SECTION 11.5.</i></p> <p><i>THE HANFORD SITE TRU/TRUM WASTE PMP WILL INCLUDE ALL PLAN ELEMENTS REQUIRED BY AGREEMENT ACTION PLAN SECTION 11.5. APPROVAL OF THE TRU/TRUM PMP AND ACCOMPANYING AGREEMENT CHANGE REQUESTS WILL ESTABLISH ALL MAJOR PROJECT TASKS AND DELIVERABLES FOR TREATMENT/STORAGE OF HANFORD SITE TRU/TRUM INCLUDING COMMERCIAL SECTOR MANAGEMENT, MODIFICATION OF EXISTING FACILITIES, AND CONSTRUCTION OF NEW FACILITIES.</i></p> <p>Status: In dispute at Project Managers' level until May 22, 2001.</p> <p>Progress: Ecology has submitted 5 comments on the most recently submitted M-91-03 PMP. RL/FH and Ecology have met to clarify the comments. Comment resolution and changes to PMP are being completed. A meeting to discuss the proposed resolution is proposed for the week of May 7, 2001.</p>	6/30/2000	5/22/2001

M-91 TPA MILESTONES STATUS REPORT

May 3, 2001

<p>M-91-05-T01</p>	<p><i>COMPLETE AND SUBMIT TRU/TRUM RETRIEVAL AND PROCESSING FACILITY ENGINEERING STUDY/FUNCTIONAL DESIGN CRITERIA STUDY TO ECOLOGY.</i></p> <p><i>THE TRU/TRUM ENGINEERING/FUNCTIONAL DESIGN CRITERIA STUDY WILL COVER ACTIVITIES/FACILITIES NOT CONSIDERED COMMERCIALY VIABLE AS DOCUMENTED IN THE APPROVED TRU/TRUM PMP AND ASSOCIATED AGREEMENT CHANGE REQUESTS.</i></p> <p>Status: Completion date in dispute at Project Managers' level until May 22, 2001.</p> <p>Progress: Change to decouple Engineering Study and Functional Design Criteria proposed in Draft Change Request submitted with M-91-03 PMP. New completion date proposed in Draft Change Request submitted with M-91-03 PMP based on Site needs.</p> <p>Proposed new target: Complete and submit TRU/TRUM processing facility Engineering Study to Ecology.</p> <p>The TRU/TRUM engineering study will cover activities/facilities not considered commercially viable as documented in the approved TRU/TRUM PMP and associated Agreement change requests.</p>	<p>12/31/2002</p>	<p>9/30/2005</p>
<p>M-91-06-T01</p>	<p><i>AWARD NECESSARY PRIVATIZED CONTRACTS FOR PROCESSING REMOTE HANDLED (RH) AND LARGE SIZE TRU/TRUM.</i></p> <p>Status: Completion date in dispute at Project Managers' level until May 22, 2001.</p> <p>Progress: New completion date proposed in Draft Change Request submitted with M-91-03 PMP based on Site needs.</p>	<p>9/30/2003</p>	<p>9/30/2006</p>
<p>M-91-07</p>	<p><i>COMPLETE PROJECT W-113 FOR POST 1970 CH TRU/TRUM RETRIEVAL.</i></p> <p>Status: In Jeopardy.</p> <p>Progress: Funding has been provided for retrieval of remaining uncovered drums (approximately 600) and for development of Authorization Basis Documents for covered drum retrieval. RL has approved Authorization Basis development plan. Resumption of the retrieval of uncovered drums scheduled to begin in June 2001. Current year activities are on schedule.</p>	<p>9/30/2004</p>	

M-91 TPA MILESTONES STATUS REPORT

May 3, 2001

<p>M-91-08-T01</p>	<p><i>COMPLETE CONSTRUCTION AND INITIATE HOT OPERATIONS OF RH AND LARGE SIZE TRU/TRUM PROCESSING FACILITY (A FINAL ACQUISITION SCHEDULE FOR THIS FACILITY WILL BE ESTABLISHED AS AN INTERIM MILESTONE NO LATER THAN DECEMBER 2000).</i></p> <p>Status: Completion date in dispute at Project Managers' level until May 22, 2001.</p> <p>Progress: Change to clarify deliverable proposed in Draft Change Request submitted with M-91-03 PMP based on anticipated use of T Plant. New completion date proposed in Draft Change Request submitted with M-91-03 PMP based on Site needs.</p> <p>Proposed new milestone: Initiate hot operations of RH and large size TRU/TRUM processing facility.</p>	<p>6/30/2005</p>	<p>9/30/2012</p>
<p>M-91-10</p>	<p><i>SUBMIT HANFORD SITE LLMW AND GREATER THAN CLASS C (GTC3) WASTE PROJECT MANAGEMENT PLAN (PMP) TO ECOLOGY PURSUANT TO AGREEMENT ACTION PLAN SECTION 11.5.</i></p> <p><i>THE HANFORD SITE LLMW/GTC3 PMP WILL INCLUDE ALL PLAN ELEMENTS REQUIRED BY AGREEMENT ACTION PLAN SECTION 11.5. APPROVAL OF THE LLMW/GTC3 PMP AND ACCOMPANYING AGREEMENT CHANGE REQUESTS WILL ESTABLISH ALL MAJOR TASKS AND DELIVERABLES FOR TREATMENT/STORAGE/DISPOSAL OF HANFORD RH AND LARGE CONTAINER CH LLMW, AND STORAGE OF GTC3 WASTE INCLUDING COMMERCIAL SECTOR MANAGEMENT ACTIVITIES, CONSTRUCTION OF NEW FACILITIES, AND MODIFICATION OF EXISTING FACILITIES.</i></p> <p>Status: Complete.</p> <p>Progress: Ecology has submitted comments. Comments may be discussed after completion of M-91-03 PMP dispute resolution.</p>	<p>6/30/1999</p>	<p>Complete</p>
<p>M-91-12</p>	<p><i>COMPLETE THERMAL TREATMENT AND DISPOSAL OF AN ADDITIONAL 360 CUBIC METERS OF CONTACT HANDLED LLMW. THIS BRINGS THE CUMULATIVE TOTAL TO AT LEAST 600 CUBIC METERS OF CONTACT HANDLED LLMW THERMALLY TREATED AND DISPOED OF.</i></p> <p>Status: Milestone changed during dispute process.</p>	<p>12/31/2005</p>	

M-91 TPA MILESTONES STATUS REPORT

May 3, 2001

	<p>Progress: The contracted treatment unit (ATG) continues with its Shakedown Testing utilizing Hanford's mixed low-level waste. The Demo-Tests are anticipated to begin in early June with final operational approvals later that month. No thermal treatment other than ATG is currently planned.</p> <p>The WERF incinerator thermally treated 20 m³ and thus far, ATG has thermally treated 10 m³ for a total of 30 m³ or 5% of the required cumulative volume (600 m³). None of the treated waste residues have been disposed to date.</p> <p>An additional 100 m³ of LLMW has been shipped to ATG and is awaiting treatment with an additional 30 m³ planned for shipment this fiscal year.</p>		
M-91-12A	<p><i>COMPLETE THERMAL TREATMENT AND DISPOSAL OF AT LEAST 240 CUBIC METERS OF CONTACT HANDLED LLMW.</i></p> <p>Status: Milestone changed during dispute process.</p> <p>Progress: The contracted treatment unit (ATG) continues with its Shakedown Testing utilizing Hanford's mixed low-level waste. The Demo-Tests are anticipated to begin in early June with final operational approvals later that month. No thermal treatment other than ATG is currently planned.</p> <p>The WERF incinerator thermally treated 20 m³ and thus far, ATG has thermally treated 10 m³ for a total of 30 m³ or 13% of the required cumulative volume (240 m³). None of the treated waste residues have been disposed to date.</p> <p>An additional 100 m³ of LLMW has been shipped to ATG and is awaiting treatment with an additional 30 m³ planned for shipment this fiscal year.</p>	12/31/2002	
M-91-14-T01	<p><i>AWARD COMMERCIALIZATION CONTRACT(S) FOR TREATMENT OF RH AND LARGE SIZE LLMW PER APPROVED LLMW/GTC3 PMP AND ASSOCIATED AGREEMENT CHANGE REQUESTS.</i></p> <p>Status: On schedule but discussion with Ecology may be initiated after resolution of M-91-03 PMP dispute process.</p> <p>Progress: The original M-91-10 PMP submittal did not propose to change the completion date. However, the Waste Management Strategic Plan indicates the actions of this milestone are not required until the proposed date. A formal change request has not been submitted for a proposed change in the completion date.</p>	10/31/2003	9/30/2009

M-91 TPA MILESTONES STATUS REPORT

May 3, 2001

<p>M-91-15</p>	<p><i>COMPLETE ACQUISITION OF FACILITIES AND INITIATE TREATMENT OF RH AND LARGE CONTAINER (CH) LLMW.</i></p> <p>Status: On schedule but discussion with Ecology may be initiated after resolution of M-91-03 PMP dispute process.</p> <p>Progress: The original M-91-10 PMP submittal did not propose to change the completion date. However, the Waste Management Strategic Plan indicates the actions of this milestone are not required until the proposed date. Milestone clarification may be required. A formal change request has not been submitted for a proposed change in the completion date.</p>	<p>6/30/2008</p>	<p>9/30/2015</p>
<p>M-91-16A</p>	<p><i>SUBMIT TO ECOLOGY AN ANNUAL REPORT OF THE PROGRESS OF ACTIVITIES DESCRIBED IN THE TRU/TRUM PROJECT MANAGEMENT PLAN.</i></p> <p><i>THIS MILESTONE WILL BE RENEWED ANNUALLY AND BE DUE ON 10/31 OF EACH YEAR.</i></p> <p>Status: Proposed as part of M-91-03 PMP.</p> <p>Progress: Milestone under negotiation.</p>		<p>10/31/2002</p>
<p>M-91-17-T01</p>	<p><i>COMPLETE AND SUBMIT TRU/TRUM RETRIEVAL AND PROCESSING FACILITY FUNCTIONAL DESIGN CRITERIA STUDY TO ECOLOGY.</i></p> <p><i>THE TRU/TRUM FUNCTIONAL DESIGN CRITERIA STUDY WILL COVER ACTIVITIES/FACILITIES NOT CONSIDERED COMMERCIALY VIABLE AS DOCUMENTED IN THE APPROVED TRU/TRUM PMP AND ASSOCIATED AGREEMENT CHANGE REQUESTS.</i></p> <p>Status: Proposed as part of M-91-03 PMP.</p> <p>Progress: Target under negotiation. Change to decouple Engineering Study and Functional Design Criteria proposed in Draft Change Request submitted with M-91-03 PMP. Completion date proposed in Draft Change Request submitted with M-91-03 PMP based on Site needs.</p>		<p>9/30/2006</p>

M-91 TPA MILESTONES STATUS REPORT

May 3, 2001

<p>M-91-18</p>	<p><i>TRANSMIT THE T PLANT SLUDGE STORAGE CONCEPTUAL DESIGN DOCUMENT (CDD) TO THE WASHINGTON STATE DEPARTMENT OF ECOLOGY</i></p> <p><i>THE CDD WILL DEFINE THE T PLANT SLUDGE STORAGE SCOPE (AND ASSOCIATED COST AND SCHEDULE ESTIMATES) NECESSARY TO PREPARE T PLANT FOR RECEIPT OF K BASIN SLUDGE, AND FOR SLUDGE STORAGE IN COMPLIANCE WITH APPLICABLE REGULATIONS INCLUDING WASHINGTON'S HAZARDOUS WASTE MANAGEMENT ACT. ON RECEIPT, THE CDD WILL BE UTILIZED IN ESTABLISHING ADDITIONAL M-91 COMPLIANCE MILESTONES, LEADING UP TO THE READINESS OF T PLANT TO RECEIVE K BASINS SLUDGE.</i></p> <p>Status: On schedule.</p> <p>Progress: CDD has been submitted to RL. RL is reviewing prior to submittal to Ecology. RL will request a meeting with Ecology prior to submittal to discuss the CDD and the associated change request. The sludge has been declared to not be a hazardous nor dangerous waste.</p>	<p>6/29/2001</p>	
<p>M-91-19-T01</p>	<p><i>COMPLETE PHYSICAL ACTIVITIES AT T PLANT NECESSARY TO STORE FLOOR AND PIT SLUDGE.</i></p> <p><i>THIS TARGET IS COMPLETE UPON THE DECLARATION OF COMPLETION OF MODIFICATIONS REQUIRED TO STORE FLOOR AND PIT SLUDGE IN T PLANT.</i></p> <p>Status: On schedule.</p> <p>Progress: Six out of thirteen deck sections have been cleared. ^{Five} Four additional deck sections to be cleared by September 2001. The four cells required for storage have been selected with cleanout activities scheduled to begin May 2001 with completion by September 2001. Canyon de-posted as a High Radiation Area. Definitive Design for the T Plant modifications for the storage of the floor and pit sludge is scheduled to be completed by December 2001. Modifications will include video cameras, alpha/beta CAMS, liner/rack/leak detection system and crane hook load cell modifications. Procurement for the Rack/liner system is expected by June 2002 with installation expected by no later than September 2002. RL has approved the Authorization Basis development plan. The sludge has been declared to not be a dangerous waste. Final characterization letter sent to regulators indicating sludge is</p>	<p>9/30/2002</p>	

M-91 TPA MILESTONES STATUS REPORT
May 3, 2001

	not a Hazardous Waste. Comments have been received for the Environmental Assessment with a final decision required for Environmental Assessment by September 2001. Heat transfer and Criticality Studies will be completed by September 2001		
M-91-20	<p><i>T PLANT IS READY TO RECEIVE THE FIRST CANISTER OF K BASINS FLOOR AND PIT SLUDGE.</i></p> <p><i>THIS INTERIM MILESTONE WILL BE COMPLETE WHEN ALL T PLANT READINESS ACTIVITIES HAVE BEEN COMPLETED TO ACCEPT PIT AND FLOOR SLUDGE. READINESS IS DEFINED AS THE ISSUANCE OF THE READINESS TO PROCEED LETTER BY THE APPROVAL AUTHORITY.</i></p> <p>Status: On schedule.</p> <p>Progress: The final Contractor Plan of Action for Shippingport Fuel removal, which will review some activities required for floor and pit storage as well, is under development. The physical modifications are described for M-91-19-T01. The Plan of Action for the Shippingport Fuel Removal and Source Term Inventory Increases Operational Readiness Review has been submitted to RL for approval. Some of the readiness activities associated with fuel and inventory increases will be utilized for sludge storage. The level of readiness for dry sludge storage is anticipated to be a standard startup review, with readiness activities to be performed from October 1, 2002 through December 31, 2002. Submittal of the authorization basis to RL for approval is expected in July 2002 with approval required by August 2002. RL approval of the dry sludge storage level of readiness is expected in early 2002.</p>	10/31/2002	
M-91-21-T01	<p><i>COMPLETE PHYSICAL ACTIVITIES AT T PLANT NECESSARY TO CANISTER AND FUEL WASH SLUDGE.</i></p> <p><i>THIS TARGET IS COMPLETE UPON THE DECLARATION OF COMPLETION OF MODIFICATIONS REQUIRED TO STORE CANISTER AND FUEL WASH SLUDGE IN T PLANT.</i></p> <p>Status: On schedule.</p> <p>Progress: The critical activity for this deliverable is the removal of the Shippingport Fuel from the Cell 2R storage pool. The Fuel removal activities are on schedule with initiation of Fuel removal in November 2001. Contractor readiness activities for Fuel removal will begin in May. Authorization Basis document approval by RL for</p>	11/29/2003	

M-91 TPA MILESTONES STATUS REPORT

May 3, 2001

	<p>Fuel removal is anticipated in May. The design for upgrades to T Plant for the storage of the fuel wash sludge stream in Cell 2R will be initiated on October 1, 2001 and completed by June 2002. This design will include necessary fire protection upgrades to the canyon and 271-T. All installations including the FP upgrades for the wet stored sludge are expected by November 2003. The updated Authorization Basis is expected to be submitted to RL by July 2002.</p>		
<p>M-91-22</p>	<p><i>T PLANT IS READY TO RECEIVE CANISTER AND FUEL WASH SLUDGE FROM K BASINS.</i></p> <p><i>THIS INTERIM MILESTONE WILL BE COMPLETE WHEN ALL T PLANT READINESS ACTIVITIES HAVE BEEN COMPLETED TO ACCEPT CANISTER AND FUEL WASH SLUDGE. READINESS IS DEFINED AS THE ISSUANCE OF THE READINESS TO PROCEED LETTER BY THE APPROVAL AUTHORITY.</i></p> <p>Status: On schedule.</p> <p>Progress: The critical activity for this deliverable is the removal of the Shippingport Fuel from the Cell 2R storage pool. The Fuel removal activities are on schedule with the initiation of Fuel removal in November 2001. Completion of Fuel removal is expected in 2002. The physical modifications are described for M-91-21-T01. The level of readiness will be determined in 2002.</p>	<p>2/29/2004</p>	

WASTE MANAGEMENT OPERATIONAL STATUS REPORT

May 3, 2001

M-91 Milestones

M-91-01: TBE to be determined as part of M-91-03 PMP dispute resolution.
M-91-03: Project Managers' dispute resolution period extended to May 22, 2001.
M-91-05-T01: Proposed change to completion date and clarification of deliverable in M-91-03 PMP Draft Change Request.
M-91-06-T01: Proposed change to completion date and clarification of deliverable in M-91-03 PMP Draft Change Request.
M-91-07: In Jeopardy.
M-91-08-T01: Proposed change to completion date and clarification of deliverable in M-91-03 PMP Draft Change Request.
M-91-10: Complete. PMP may be revisited.
M-91-12: Renegotiated.
M-91-12A: Added as part of M-91-12 renegotiation process.
M-91-14-T01: On schedule. May be revisited with M-91-10 PMP.
M-91-15: On schedule. May be revisited with M-91-10 PMP.
M-91-16A: New milestone proposed in M-91-03 Draft Change Request.
M-91-17-T01: New milestone proposed in M-91-03 Draft Change Request.
M-91-18: On schedule.
M-91-19-T01: On schedule.
M-91-20: On schedule.
M-91-21-T01: On schedule.
M-91-22: On schedule.

M-91 PROJECT MEETING
2704HV/Rm. G229/600 Area
Richland, Washington
May 3, 2001
12:00 p.m. to 12:30 p.m.

Agenda

- I. Milestone Status
- II. General Discussions
- III. Status of Action Items
- IV. New Action Items
- V. Next Project Managers Meeting