

0051053

Meeting Minutes Transmittal

324 REC/HLV
Project Managers' Meeting
Federal Building/Room 590-A
Richland, Washington

May 27, 1999
2:30 p.m. to 3:30 p.m.

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

David W Templeton Date: 7-01-99
David W. Templeton, Project Manager, RL

A. B. Stone Date: 7-01-99
A. B. Stone, Project Manager, Washington State Department of Ecology

324 REC/HLV Closure Plan, BWHC Concurrence

David E Rasmussen Date: 7/01/99
D. E. Rasmussen, Contractor Representative, BWHC

Purpose: Discuss Permitting Process

Meeting Minutes are attached. The minutes are comprised of the following:

- Attachment 1 - Agenda
- Attachment 2 - Summary of Discussion and Commitments/Agreements
- Attachment 3 - Attendance List
- Attachment 4 - 300 Area Stabilization Project, Milestone TPA-M-89, IAMIT Meeting May 25, 1999



Attachment 1

324 REC/HLV
Project Managers' Meeting
Federal Building/Room 590-A
Richland, Washington

May 27, 1999
2:30 p.m. to 3:30 p.m.

Agenda

1. Introduction
2. Previous meeting minutes - 324 PMM
3. 324 REC/HLV Closure Plan
 - a. TPA M-89-00/M-89-02 Change Package status
 - b. Project status tracking, schedule mid-month meeting as appropriate
4. B-Cell cleanout project status
 - a. Recent progress/highlights
5. Action item review
 - a. Focus sheet for TPA M-89-00
6. Other topics/discussions
 - a. Other topics
7. Schedule next meeting

Attachment 2

324 REC/HLV
Project Managers' Meeting
Federal Building/Room 590-A
Richland, Washington

May 27, 1999
2:30 p.m. to 3:30 p.m.

Summary of Discussion and Commitments/Agreements

1. Introductions

Ed Ham (BWHC) was introduced as a 324 Building engineer working on the liquid waste handling system.

2. Previous Meeting Minutes - 324 PMM

The March 4, 1999 324 REC/HLV meeting minutes were approved and signed.

3. 324 REC/HLV Closure Plan

a. TPA M-89-00/M-89-02 Change Package Status.

A. Stone (Ecology) commented that M-89-02 has already been signed and does not require further inclusion on the agenda.

A. Stone reported that no DOE or public comments regarding M-89-00 have been received to date. Comments are due by June 10, 1999.

b. Project Status Tracking, schedule mid-month meeting as appropriate.

A mid-month meeting was scheduled with A. Huckaby (Ecology) for June 2, 1999.

4. B-Cell Cleanout Project Status

a. Recent progress/highlights

D. Rasmussen (BWHC) reported that the rack 1A size reduction activities have been continuing. The rack 1A size reduction corresponds to approximately seven grout containers, and 1.5 grout containers worth of material was reduced last week. Only one item is left to size reduce, which will be completed after the rack 2A is moved away from the wall.

D. Templeton (DOE-IRL) commented that a crane outage is scheduled for next week in order to replace the hoist on the three-and-a-half ton crane, which will reduce it to a three-ton crane and provide a more efficient working system for moving around the cell.

A. Stone requested that Ecology be involved in the plan for potential transfer of material (grout containers) from B-Cell to C-Cell. A. Huckaby acknowledged that Ecology was being involved through waste designations and the white paper. A. Stone emphasized the importance of Ecology involvement regarding problems with space in B-Cell and the proper waste designation of the B-Cell waste, and how these issues will be resolved to make up for the lack of progress. D.

Templeton responded that sample results are due back from the 222-S laboratory by the end of July 1999. These results will provide the technical data to be factored into plant procedures. D. Templeton estimated that the TRU/low-level waste determinations would be resolved by September 1999 at the earliest.

5. Action item review

a. Focus sheet for TPA M-89-00

A. Stone stated the focus sheet item has been fulfilled.

6. Other topics/discussions

a. 324 Liquid Waste Handling System

E. Ham stated that the contract for preliminary and definitive design is being prepared for issue. E. Ham emphasized that preliminary design is to be completed by the end of July 1999, and that Ecology involvement prior to that time is important. A. Stone responded that A. Huckaby would be the main contact. An informational meeting was scheduled for June 2, 1999.

b. 324 Cleanout Funding

A. Stone noted that if funding for 324 cleanout and associated TPA milestones is not made available, that a compliance action may be pursued by Ecology.

c. 300 Area Stabilization Project May 25, 1999 IAMIT meeting presentation is attached (Attachment 4).

7. Schedule next meeting

The next meeting is scheduled for July 1, 1999.

Program Manager's Assessment

Since last quarterly review

Environmental - *Satisfactory*

Currently, major risk reduction activities at 324 Building B-Cell are focusing on removal of processing racks. 1A Rack Size Reduction began in November 1998. 1A Rack size reduction is nearing completion (See enclosed schematic). Pipe Trench jumper removal for the 2A Rack has been completed. The jumper removal is the final preparatory step required prior to removing the 2A Rack from the wall and initiating size reduction.

Approximately 2/3 of the 1A Rack materials have been sent to the 222-S Laboratories for analyses. Sample Analysis status is: 5 samples analyzed, 9 samples awaiting analysis at the 222-S Laboratory, 3 samples awaiting sectioning, and 4 samples remain to be taken. Sample analyses received during this past quarter may require that the samples be reanalyzed. Evaluation of the sample analysis methodology is in process.

Independent review of the waste characterization documentation for the waste materials generated in the B-Cell was completed. Resolution of comments is near.



Safety - *Excellent*

All activities related to completion of the M-89 milestones have been conducted safely during the most recent quarter. Cutting operations, crane repairs, and airlock entries have all been conducted safely.

Facility Stabilization Project Reducing Risks

Major Accomplishments

in last three months

M-89-00

- A proposed due date for completion of closure activities has been established as 10/31/05, replacing the TBE date status for Major Milestone M-89-00. A "Focus Sheet" was prepared for public comment prior to formalizing the proposed change. The 45 day public comment period began April 26, 1999 and ends June 10, 1999.

M-89-02

- Baseline Change Request BCR-FSP-99-017 was approved by the FDH Change Board on April 29, 1999 and is presently being routed through RL for approval. BCR-017 recognizes the need for a modified approach to management of the waste generated by B-Cell size reduction activities.
- 1A Rack Size Reduction activities continued. Progress is shown on the attached figure.
- 2A Rack jumper removal was completed. The jumper removal is the final preparatory step required prior to removing the 2A Rack from the wall and initiating size reduction.
- Progress has been made in the preparation of B-Cell Dispersibles and Decontamination Technical Trade Studies. Annotated outlines have been prepared for both studies. Draft versions of both reports are scheduled for completion in June. Final reports are scheduled for issue in August.
- A Deployment Plan for the ASTD Proposal for "Deploying a Robot Work Platform for Large Hot Cell Deactivation" has been approved. Funding from EM-50 (\$1.544 Million) is expected to be available by the end of May. A Request for Information was issued in February. A Draft Request for Proposals (RFP) has been prepared. The RFP is scheduled for issue in July. Deployment is currently scheduled for September 2000.

Facility Stabilization Project Reducing Costs

300 Area Stabilization Project

Milestone
TPA-M-89

IAMIT Meeting May 25, 1999
Tri-Party Agreement Milestone
Status Report

Ecology Project Manager - AB Stone
DOE-RL Program Manager - DW Templeton
FDH Environmental Sponsor - AM Hopkins

FACILITY SANITIZATION PROJECT REDUCING RISKS

1A Rack Early Photo



TK-113 in 1A Rack;
2A Rack in background



E-115 Condenser



FACILITY SANITIZATION PROJECT REDUCING COSTS

Baseline Performance

FY 1999 Schedule Variance -

Summary Variance Analysis -The B-Cell project continues to lag two months behind schedule. New sample results and characterization method changes will most likely designate some of the current and future B-Cell dunnage material as Remote Handled-Transuranic (RH-TRU). Handling capability for this volume and category of waste does not currently exist on the Hanford Site. Delays in finalizing the dose characterization methodology and challenges in receipt of meaningful sample results have hindered progress. Heightened Senior Management attention is expected to lead to resolution during the coming month.

Inconsistent crane operations have also contributed to delays in B-Cell Size Reduction activities. Continued focus is being provided by the Crane Team that was assigned early in this reporting period. Improvements have been seen in the amount of time taken to return the crane to service following a failure. Additional maintenance trouble-shooting "simulator" training is scheduled to be performed by the crane vendor in early June.

FY 1999 Cost Variance

Summary Variance Analysis -. Following approval of BCR-FSP-99-017, costs for work completed to date will be within required reporting limits. Costs are tracking closely with the work being performed. Baseline Change Request (BCR) BCR-FSP-99-017 was submitted by FDH to RL on April 29, 1999. An Advanced Work Authorization has been approved to allow proceeding with key components of work in the BCR. Delay of work scope into FY-00 will increase costs in FY-00 by an estimated \$1.8 M.

The B-Cell cost variance is attributable to delays associated with additional costs for sample analyses, waste characterization/shipping and delays and increased maintenance/overtime associated with crane downtime.

Program Manager's Assessment

Since last quarterly review

Schedule - *Marginal*

BCR-FSP-99-017 adds work scope to initiate preparation of RH-TRU storage capability in the CWC, update the Special Case Waste Study, complete a Waste Management Strategy, add additional sampling, and prepare for interim storage of Grout Containers in the 324 Building C-Cell. The BCR delays shipment of TRU and Low Level Waste to FY-00, delays transfer of fuel from B-Cell to A-Cell, and provides time to finalize TRU/LLW characterization criteria. The revised schedule supports completion of the M-89-02 milestone, but with less contingency.

Concerns with existing waste characterization have caused re-evaluation of current and future B-Cell dunnage material as RH-TRU. Handling capability for this volume and category of waste does not currently exist on the Hanford Site. Resolving the dose characterization methodology and challenges in receipt of meaningful sample results have hindered progress. Characterization methodology has been reviewed and agreement established on the Path Forward by BWHC and WMH; the agreement was concurred with by FDH.

Continued focus is being provided by the Crane Team that was assigned early in this reporting period. Improvements have been seen in the amount of time required to return the crane to service following a failure. Additional maintenance trouble-shooting "simulator" training is scheduled to be performed by the crane vendor in early June.

Facility Stabilization Project Reducing Risks

Issues

Issue: The issue regarding TRU/LLW designation of Grout Containers in B-Cell continues to hinder progress in the packaging and shipment of B-Cell generated waste materials.

- **Impact** Legacy grout containers in B-Cell cannot be shipped to 200 Area Burial Grounds until waste designation is confirmed. Newly generated grout containers cannot be shipped at this time due to questions regarding the TRU/LLW designation. This could impact B-Cell clean-out due to inadequate storage causing a stop to work.
- **Corrective Action** -
 - An FDH, BWHC, and WMH Team completed an evaluation of the dose methodology and calculations for TRU/LLW content determination that have been recently proposed. Comment resolution is continuing. Final resolution is expected within the coming month.
 - Plans are proceeding to use C-Cell as an interim storage location for Grout Containers in order to free space in B-Cell for additional grout containers to allow Rack Size Reduction.
 - Alternate shipping/storage options are being explored that would allow for shipment/storage of TRU/LLW materials. RH-TRU storage capacity is being installed in the 200 West CWC to allow RH-TRU to be shipped out of the 324 Building.

Facility Stabilization Project Reducing Costs

Project Summary

Baseline Change Request (BCR) BCR-FSP-017 has been prepared to identify a path for successful achievement of milestone M-89-02. The BCR recognizes increased work scope due to radiological waste characterization methodology changes and sample analyses uncertainties. Recommendation from other studies directed by the BCR are expected to improve overall B-Cell efficiencies such that on-time completion of the M-89-02 milestone is achievable. Implementation of the BCR has been initiated via approval of an Advanced Work Authorization, pending final RL approval of the BCR.

Resolution of Waste Characterization has been elevated to senior management levels within BWHC, WMH, and FDH. Documentation of the process for identification of TRU/LLW is expected within the next month.

Facility Stabilization Project Reducing Risks

Active Milestone Overview

Milestone M-89-00 Interim Milestones and Target Dates

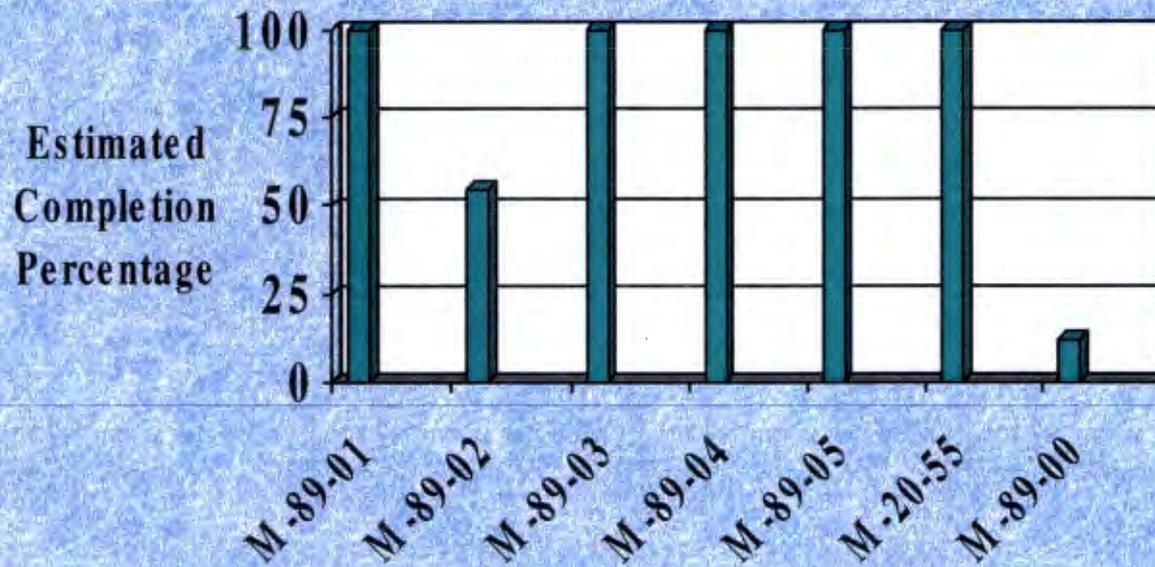
Milestone	Description	Target Date	Status
M-89-00	Complete closure of non-permitted mixed waste units in the 324 Building REC B-Cell, REC D-Cell, and the High-Level Vault.	10/31/05*	In progress
M-89-02	Complete removal of 324 Building REC B-Cell MW and equipment.	11/30/00	In progress

*Pending approval of Hanford Federal Facility Agreement and Consent Order Change Control Form, Change Number M-89-98-04, dated October 20, 1998. A Focus Sheet has been drafted to support the public involvement process required to change the date for M-89-00 from "TBE" to October 31, 2005. The Focus Sheet has been issued by RL. The 45 day public comment period began April 26, 1999 and ends June 10, 1999.

Facility Stabilization Project Reducing Costs

Facility Mobilization Project Reducing Risks

Milestone Completion Status



Facility Mobilization Project Reducing Costs

Issue: Progress towards completion of the M-89-02 milestone continues to lag 2 months behind schedule.

- **Impact** - If not recovered, could delay completion of Phase I Closure Activities.
- **Status/Corrective Actions** - Actions completed are:
 - TRU/LLW characterization issue is being solved
 - Storage capacity for RH-TRU is being installed
 - Formation of a dedicated Crane Improvement Team. The Team activities have reduced the time required to return failed cranes to service.
 - Enhanced troubleshooting "simulator" training by the crane vendor is scheduled for May.
 - Replacement of the B-Cell 3 1/2-Ton Crane hoist will be completed in the next month.
 - Projected funding for FY00 remains below levels needed for successful achievement of the M-89 milestones; funding is expected to be available, but has not been confirmed. These decisions will be reflected in the FY00 MYWP. The MYWP is expected to be available for review by the end of August.
 - Integration of the ASTD Robotics Deployment will be included in the FY00 MYWP. The 300 Area Project PMP will also be updated during the FY00 budget preparation process.

FACILITY SANITIZATION PROJECT REMAINING COSTS

Issues

Issue: The issue regarding TRU/LLW designation of Grout Containers in B-Cell continues to hinder progress in the packaging and shipment of B-Cell generated waste materials.

- **Impact** Legacy grout containers in B-Cell cannot be shipped to 200 Area Burial Grounds until waste designation is confirmed. Newly generated grout containers cannot be shipped at this time due to questions regarding the TRU/LLW designation. This could impact B-Cell clean-out due to inadequate storage causing a stop to work.

- **Corrective Action**

- An FDH, BWHC, and WMH Team completed an evaluation of the dose methodology and calculations for TRU/LLW content determination that have been recently proposed. Comment resolution is continuing. Final resolution is expected within the coming month.
- Plans are proceeding to use C-Cell as an interim storage location for Grout Containers in order to free space in B-Cell for additional grout containers to allow Rack Size Reduction.
- Alternate shipping/storage options are being explored that would allow for shipment/storage of TRU/LLW materials. RH-TRU storage capacity is being installed in the 200 West CWC to allow RH-TRU to be shipped out of the 324 Building.

FACILITY SANITIZATION PROJECT REMEDIATING RISKS

Project Summary

Baseline Change Request (BCR) BCR-FSP-017 has been prepared to identify a path for successful achievement of milestone M-89-02. The BCR recognizes increased work scope due to radiological waste characterization methodology changes and sample analyses uncertainties. Recommendation from other studies directed by the BCR are expected to improve overall B-Cell efficiencies such that on-time completion of the M-89-02 milestone is achievable. Implementation of the BCR has been initiated via approval of an Advanced Work Authorization, pending final RL approval of the BCR.

Resolution of Waste Characterization has been elevated to senior management levels within BWHC, WMH, and FDH. Documentation of the process for identification of TRU/LLW is expected within the next month.

FACILITY SANITIZATION PROJECT REMEDIATING RISKS

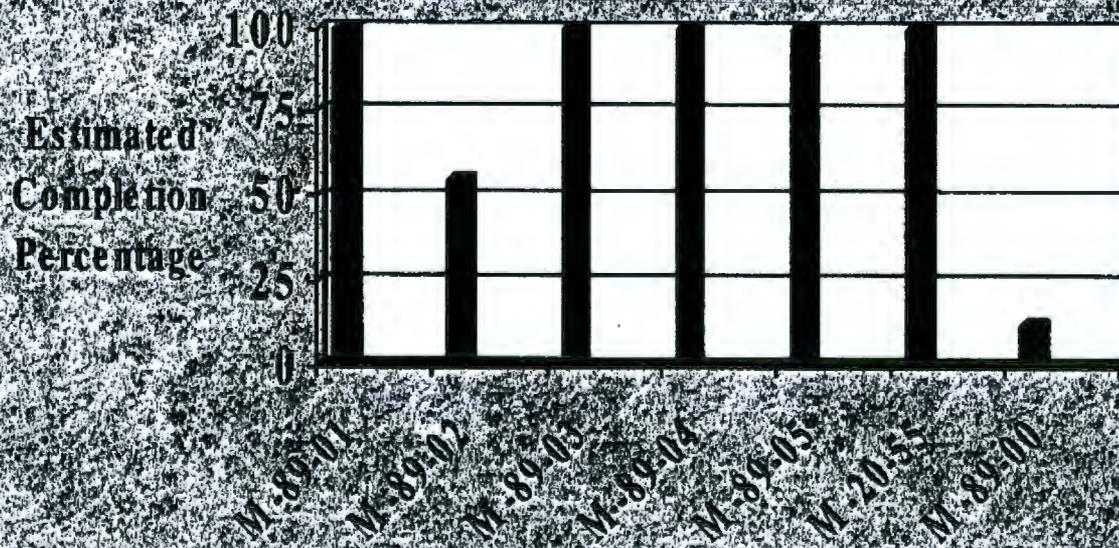
Active Milestone Overview

Milestone M-89-00 Interim Milestones and Target Dates

Milestone	Description	Target Date	Status
M-89-00	Complete closure of non-permitted mixed waste units in the 324 Building REC B-Cell, REC D-Cell, and the High-Level Vault.	10/31/05*	In progress
M-89-02	Complete removal of 324 Building REC B-Cell MW and equipment.	11/30/00	In progress

*Pending approval of Hanford Federal Facility Agreement and Consent Order Change Control Form, Change Number M-89-98-04, dated October 20, 1998. A Focus Sheet has been drafted to support the public involvement process required to change the date for M-89-00 from TBE to October 31, 2005. The Focus Sheet has been issued by RL. The 45 day public comment period began April 26, 1999 and ends June 10, 1999.

Milestone Completion Status



Issue: Progress towards completion of the M-89-02 milestone continues to lag 2 months behind schedule

- **Impact** - If not recovered, could delay completion of Phase I Closure Activities.
- **Status/Corrective Actions** - Actions completed are:
 - TRU/LLW characterization issue is being solved
 - Storage capacity for RH-TRU is being installed
 - Formation of a dedicated Crane Improvement Team. The Team activities have reduced the time required to return failed cranes to service.
 - Enhanced troubleshooting "simulator" training by the crane vendor is scheduled for May.
 - Replacement of the B-Cell 3 1/2-Ton Crane hoist will be completed in the next month.
 - Projected funding for FY00 remains below levels needed for successful achievement of the M-89 milestones; funding is expected to be available, but has not been confirmed. These decisions will be reflected in the FY00 MYWP. The MYWP is expected to be available for review by the end of August.
 - Integration of the ASTD Robotics Deployment will be included in the FY00 MYWP. The 300 Area Project PMP will also be updated during the FY00 budget preparation process.

FACILITY SANITIZATION PROJECT REMAINING COSTS

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J. G. Riddelle	BWHC	L1-02 *
A. B. Stone	Ecology	B5-18
D. W. Templeton	RL	L5-65
J. J. Wallace	Ecology	B5-18
M. S. Wright	BWHC	L1-02 *

ADMINISTRATIVE RECORD (two copies): 324 REC/HLV Closure Plan, S-3-4
[Care of EDMC, (H6-08)]

Washington State Department of Ecology Nuclear and Mixed Waste Hanford
Files, PO Box 47600, Olympia, Washington 98504-7600

Please send comments on distribution list to A. L. Prignano (H6-24),
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* electronic copy only

Attachment 4

324 REC/HLV
Project Managers' Meeting
Federal Building/Room 590-A
Richland, Washington

May 27, 1999
2:30 p.m. to 3:30 p.m.

300 Area Stabilization Project
Milestone TPA-M-89
IAMIT Meeting May 25, 1999

Issues

Issue: Progress towards completion of the M-89-02 milestone continues to lag 2 months behind schedule.

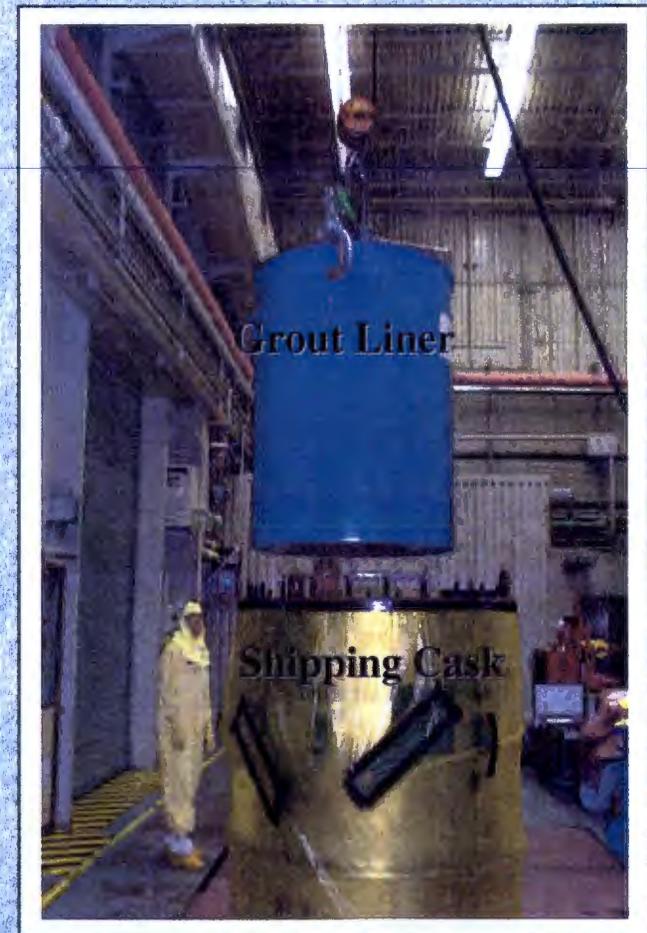
- **Impact** - If not recovered, could delay completion of Phase I Closure Activities.
- **Status/Corrective Actions** - Actions completed are:
 - TRU/LLW characterization issue is being solved
 - Storage capacity for RH-TRU is being installed
 - Formation of a dedicated Crane Improvement Team. The Team activities have reduced the time required to return failed cranes to service.
 - Enhanced troubleshooting "simulator" training by the crane vendor is scheduled for May.
 - Replacement of the B-Cell 3 1/2-Ton Crane hoist will be completed in the next month.
 - Projected funding for FY00 remains below levels needed for successful achievement of the M-89 milestones; funding is expected to be available, but has not been confirmed. These decisions will be reflected in the FY00 MYWP. The MYWP is expected to be available for review by the end of August.
 - Integration of the ASTD Robotics Deployment will be included in the FY00 MYWP. The 300 Area Project PMP will also be updated during the FY00 budget preparation process.

Planned Accomplishments

Next Three Months

M-89-02

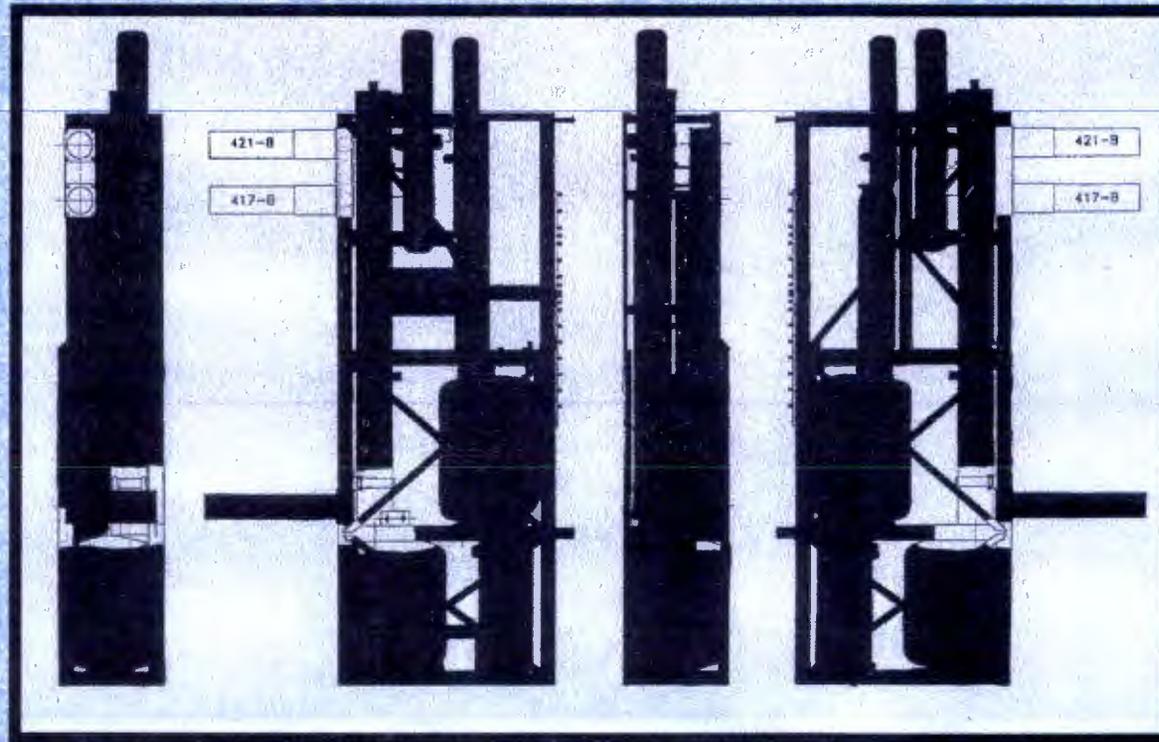
- 1A Rack Size Reduction will be completed. The associated B-Cell waste will be placed in Grout Containers and moved to C-Cell for interim storage.
- Preparations for shipment of the Grout Containers to the Burial Grounds will continue. Note: Grout container shipment is pending resolution of the TRU/LLW grout container designation.
- Resolution of TRU/LLW characterization/sample methodologies will be completed.
- Design and fabrication of equipment to enable transfer of Spent Nuclear Fuel equipment from the B-Cell to the A-Cell will be completed.
- Replacement of the B-Cell 3 1/2-Ton Crane hoist will be completed.
- Engineering studies for the B-Cell decontamination and dispersible collection/vacuuming will be nearing completion.
- Repair of the 30-ton crane will be completed.
- Update of the Special Case Waste Study will be completed.
- The Robotics ASTD Proposal Request for Proposals (RFP) will be issued, and the Project Management Plan (PMP) will be drafted.



Facility Stabilization Project Reducing Risks

1A Rack Size Reduction

(Shaded Areas Indicate Items Removed Between November 17, 1998 and May 17, 1999)



Facility Stabilization Project Reducing Costs

Program Manager's Assessment

Since last quarterly review

Cost - Satisfactory

Baseline Change Request (BCR) BCR-FSP-99-017 was approved by the FDH Change Board on April 29, 1999 and is presently being routed through RL for approval.

An Advanced Work Authorization has been approved to allow proceeding with key components of work in the BCR. The authorized activities are to prepare for bulk Remote Handled-Transuranic (RH-TRU) storage capability in the CWC, added additional sampling analyses, and 3 additional engineering studies.

The B-Cell Cost Variance (\$773K) is primarily attributable to delays associated with waste characterization/shipping and delays in completing the Rack 1A Size Reduction.



