

Section C:2

River Corridor

PROJECT MANAGERS

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SUMMARY

The River Corridor Project (RCP) consists of the following projects: 300 Area Liquid Effluent Facility (LEF) WBS 1.2.3.2, Project Baseline Summary (PBS) WM05; B-Plant, WBS 1.4.1, PBS TP01; 300 Area/Special Nuclear Materials, WBS 1.4.4, PBS TP04; Transition Project Management, WBS 1.4.6, PBS TP12; Accelerated Deactivation, WBS 1.4.8, PBS TP10; 324/327 Facility Transition, WBS 1.4.10, PBS TP08; and Hanford Surplus Facility Program (300 Area Revitalization), WBS 1.4.11, PBS TP14.

PBS WM05 is divided between WBS 1.2.3.1, Liquid Effluents (200 LEF) and WBS 1.2.3.2, 310 TEDF/340 Facility (300 LEF). The 310 TEDF/340 Facility work scope is now included in the River Corridor Project, whereas the Liquid Effluents (200 LEF) work scope has remained in Waste Management Project. For the purpose of performance analysis, PBS WM05 is reported in its entirety in the Waste Management Project, which has the majority of the work scope and funding incorporated in their baseline.

NOTE: Unless otherwise noted, the Safety, Conduct of Operations, Milestone Achievement, and Cost/Schedule data contained herein is as of December 31, 2000. All other information is as of January 22, 2001.

During this report period the 324 Building Deactivation Project staff shipped two additional steel waste disposal boxes (SWDBs) to compliant storage for a total of six out of the twelve to fourteen SWDBs estimated to complete B Cell cleanout. Following its planned 30-day maintenance outage, the 30-ton crane was successfully returned to service on December 29, 2000, 7 days ahead of schedule. In addition, grout container-88 was unloaded and prepared for potential re-use, resulting in a reduction in the amount of mixed waste to be shipped from the B Cell.

While in min-Safe mode, the 327 Building Deactivation Project staff completed the annual HEPA filter testing (scheduled for November 2000) on January 3, 2001. All required notifications were made regarding the delay. A work package to replace the 3 failed HEPA filters is complete and work is scheduled to begin by the end of January.

The 300 Area Treated Effluent Disposal Facility (TEDF) treated 6.3 million gallons of wastewater for the month of December. In addition, process simulation tests run to assess wastewater from the PNNL Environmental Molecular Science Laboratory chilled water system were successfully completed 1 day early on January 20, 2001.

The Accelerated Deactivation Project has received materials for the fabrication of the Uranium billet boxes with the first twenty boxes targeted to be available the week of January 22, 2001. Progress toward preparation for billet repackaging, targeted to begin the week of February 5, 2001 continued during the report period. Activities included the approval and issuance of the startup review plan and associated assessment forms. In addition, the development and approval of the draft remote entry work plan for 224-T, and the 209-E stack flow test and 209 exhaust HEPA aerosol challenge test were successfully completed.

NOTABLE ACCOMPLISHMENTS

324 Building Deactivation Project —

- Two additional steel waste disposal boxes (SWDBs) were shipped to compliant storage for a total of six out of the twelve to fourteen SWDBs estimated to complete B Cell cleanout
- The 30-ton crane was returned to service December 29, 2000, 7 days ahead of schedule, following the planned 30-day maintenance outage
- Grout container-88 was unloaded and prepared for potential re-use, which results in a significant waste savings by reducing the amount of mixed waste to be shipped
- Grout containers-157 and 159 were filled and transferred to A Cell
- Rectangular grout container-119 was filled, including the last of the high-level vault filters
- The Facility Evaluation Board field assessment was completed and a draft report issued

327 Building Clean up —

- The annual HEPA filter testing that was scheduled to be complete by November 2000, was completed on January 3, 2001. All required notifications were made regarding the delay
- A work package to replace 3 failed HEPA filters is complete and the field work scheduled to begin by the end of January
- The FY 2001 working schedule which included contingency schedule for deactivation scope as resources become available was issued
- The Facility Evaluation Board field assessment was completed and a draft report issued

300 Area Treated Effluent Disposal Facility (TEDF) —

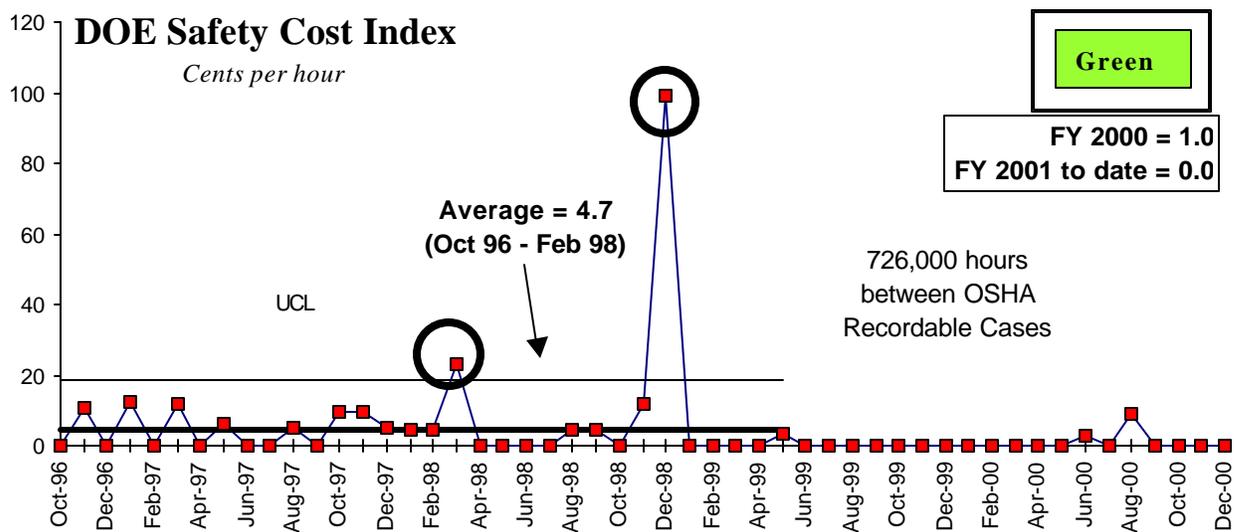
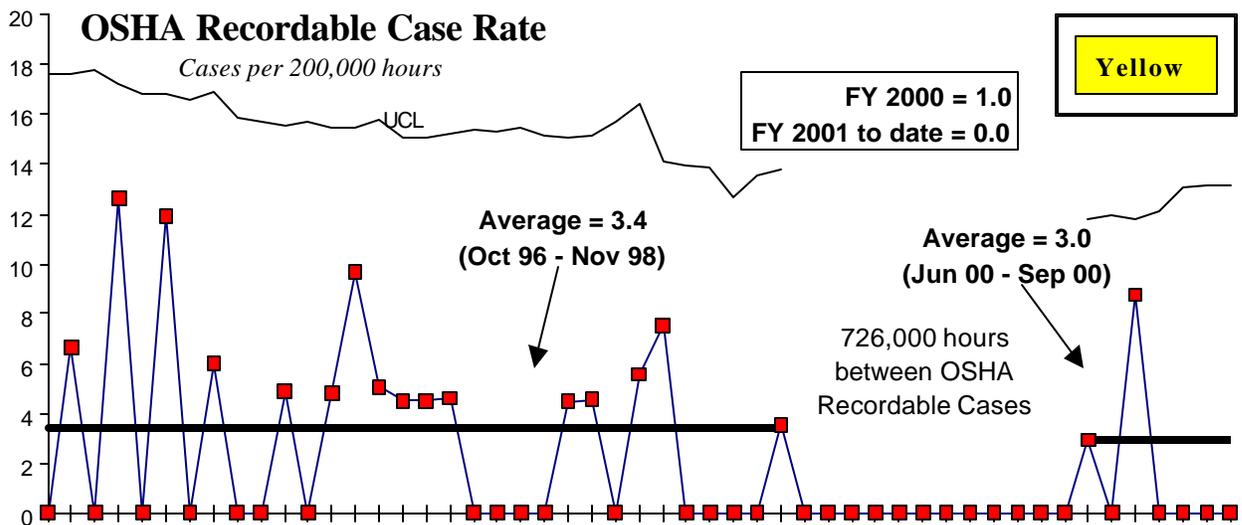
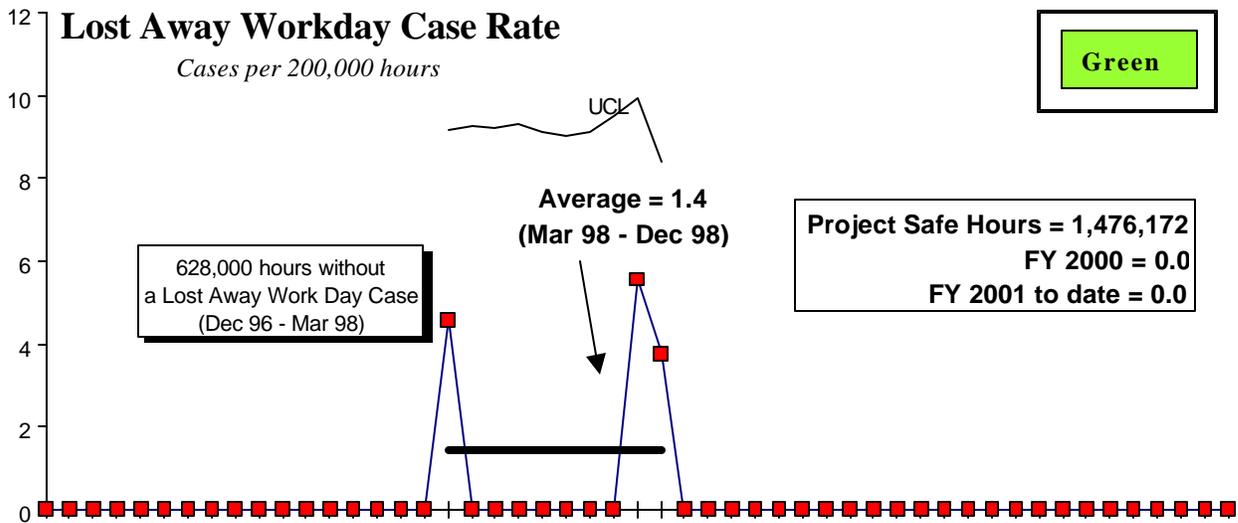
- TEDF treated 6.3 million gallons of waste water for the month of December
- Process simulation tests run to assess wastewater from the PNNL Environmental Molecular Science Laboratory chilled water system were successfully completed 1 day early on January 20, 2001
- The Facility Evaluation Board field assessment was completed and a draft report issued

Accelerated Deactivation Project —

- Materials for Uranium billet box fabrication have been received. The first twenty boxes are targeted to be available the week of January 22, 2001
- Progress continued to prepare for billet repackaging including the approval and issuance of the startup review plan and associated assessment forms. Billet repackaging is targeted to begin the week of February 5, 2001
- Completed development and approval of draft remote entry work plan for 224-T
- Successfully completed 209-E stack flow test and 209 exhaust HEPA aerosol challenge test
- The memorandum of agreement to allow for funds transfer from PNNL to FH has been finalized and is being routed for final approval between PNNL, FH and DOE
- The Facility Evaluation Board field assessment was completed and a draft report issued

SAFETY

The River Corridor Project (RCP) is approaching 1.5 million safe work hours since their last lost away workday case. A new baseline for the RCP OSHA Recordable Case Rate was established at 3.0 cases per 200,000 hours due to a peak in cases in the summer of 2000, but there have been no new OSHA recordable cases in the past 4 months.

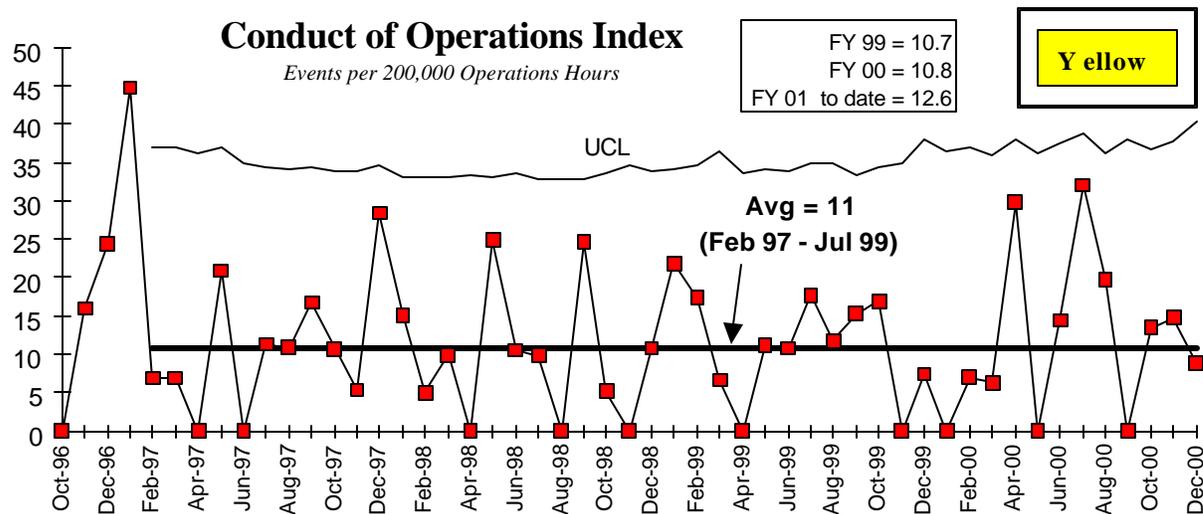


ISMS STATUS

The Facility Evaluation Board assessment has been completed. The report on grading is being finalized.

The RCP ISMS Sustain and Maintain process is in place. There are no new ISMS events to report.

CONDUCT OF OPERATIONS



The River Corridor Project (RCP) is continuing to evaluate the appropriate action(s) to address the number of Management Problems reported.

BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

Breakthroughs

Green

300 Area Accelerated Closure Plan (ACP) — The ACP provided the basis for the new “Done-in-a-Decade” closure project saving over \$1.0 billion. A Baseline Change Request (BCR) has been issued to prepare the Area 1 Engineering Evaluation & Cost Analysis (EE/CA) and to begin skyline reduction activities during FY 2001, with incremental funding provided by RL.

Technical Reviews of 327 Hot Cell Removal — Technology Management, in conjunction with RCP, has submitted a draft proposal for conducting a review of the feasibility of intact removal of hot cells from the 327 facility. The topic and scope of this proposal was accepted by 327 Facility management; the review began January 22, 2001.

Remote Size Reduction System — FH has been notified that the Remote Operations Size Reduction System (ROSRS), a remote glove box size reduction system designed and fabricated for use at Rocky Flats, will not be utilized. FH, in conjunction with RL, Rocky Flats, and EM-50, is leading an effort to evaluate the redeployment of the ROSRS to Hanford. The recommendation is targeted to be completed by August 2001.

Value Engineering for Configuration Management — River Corridor Project is planning a Configuration Management (CM) Value Engineering (VE) Study March 5 - 9, 2001. The team that will participate in the CM VE Study includes personnel from the RCP, FH Project Operations Center, other FH Projects, RL, and Bechtel Hanford, Inc. The purpose of the VE Study is to seek out cost-effective CM methods that can be applied to facilities that are either transitioning to deactivation or in a deactivation mode. HNF-PRO-1794 defines four distinct facility condition designators. Facilities designated as Condition III-Reserve or Condition IV-Deactivated are candidates for a modified approach to configuration management. The limited remaining life represents a value opportunity in the management of CM documentation and costs.

Opportunities for Improvement

324 Project Planning / Execution — On November 7, 2000, FH provided formal notification to RL that Tri-Party Agreement milestone M-89-02 ("Complete removal of 324 Building Radiochemical Engineering Cell B Cell Mixed Waste and Equipment"), due to technical and operational issues, would miss its November due date. FH, in concert with RL and the Washington State Department of Ecology (Ecology), prepared a revised schedule that factored in the lost schedule, and also predicted future schedule impacts. FH has finalized the schedule and is now working to due dates of March 30, 2001, for mixed waste dispersible shipments and low-level waste removal from B Cell, and July 31, 2001 for B Cell low-level waste shipment. *(No further status to be provided.)*

Yellow

Billet Safety Analysis Report for Packaging (SARP) — The Unirradiated Uranium Billet Safety Analysis Report for Packaging (SARP) is required to support shipment of uranium billets off-site. The current uranium billet SARP, Revision K, and the associated Certificate of Compliance (COC), allows shipment of only three billet boxes per trailer instead of five boxes per trailer as were analyzed for the revision. Shipping five boxes instead of three will save approximately \$200K of the billet transportation cost. DOE-HQ is aware of the impact and a revised SARP has been prepared to allow for the five billet boxes per trailer. The revised SARP and COC are targeted to be issued by January 31, 2001.

Green

Value Engineering Crane Maintenance — A value engineering study to determine alternatives and solutions to reduce 324 Building crane downtime and personnel dose was completed on January 12, 2001. A multi-disciplined team comprised of both internal and external experts was utilized. Operations, design and maintenance of the cranes were thoroughly evaluated. A broad range of recommendations was provided to RCP management in the following categories: work management, maintenance, training, operations, engineering and spares management. 324 Building management is currently evaluating the recommendations and making preparations to implement many of them. In addition to the recommendations, gains are expected in organizational dynamics due to working relationships developed between bargaining unit and engineering/management during the study.

Green

UPCOMING ACTIVITIES

Tri-Party Agreement Milestone M-89-02 — A date for completing the mixed waste removal and shipment scope of the milestone, "Complete removal of 324 Building Radiochemical Engineering Cell (REC) B Cell Mixed Waste (MW) and Equipment," is set for March 30, 2001. Removal of the low-level waste is targeted by July 31, 2001.

324 Authorization Basis — Implement technical update of 324 Authorization Basis (Safety Analysis Report) by January 27, 2001.

327 Authorization Basis — Implement technical update of 327 Authorization Basis (Basis of Interim Operation) by end of FY 2001. This has been slipped from May 2001 due to resource limitations of the facility after transitioning to a minsafe mode.

Uranium Disposition — Complete shipment of ~235 metric tons of excess uranium billets and ~five metric tons of uranium dioxide to the DOE Portsmouth Site in Ohio, by March 30, 2001, and disposition of ~140 metric tons of surface-contaminated uranium fuel by June 30, 2001. Additionally, disposition thorium materials located in the 303-K Facility by September 30, 2001.

224-T — Begin 224-T initial entry and characterization by mid-April 2001. This six-week slip from the original March 2001 date is a result of the Criticality Safety Evaluation Report requiring more time than expected.

300 Area Skyline Initiative — Demolish 3902A, 3902B, and 303-K by September 30, 2001.

Robotics System — The robotic system procured from Cybernetix to support 324 Building in-cell cleanout is scheduled for delivery in March 2001.

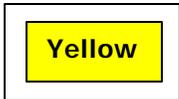
MILESTONE ACHIEVEMENT

| MILESTONE TYPE | FISCAL YEAR-TO-DATE | | | | REMAINING SCHEDULED | | | TOTAL FY 2001 |
|-----------------------|---------------------|--------------------------|-------------------|---------|---------------------|----------------------------|------------------|---------------------|
| | Completed Early | Completed On Schedule | Completed Late | Overdue | Forecast Early | Forecast On Schedule | Forecast Late | |
| Enforceable Agreement | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| DOE-HQ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RL | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 4 |
| Total Project | 0 | 0 | 0 | 1 | 0 | 4 | 0 | 5 |

Only TPA/EA milestones and all FY2001 overdue and forecast late milestones are addressed in this report. Milestones overdue are deleted from the Milestone Exception Report once they are completed. The following chart summarizes the FY2001 TPA/EA milestone achievement and a Milestone Exception Report follows. The last milestone table summarizes the first six months of FY 2002 TPA/EA milestones.

FY 2001 Tri-Party Agreement / EA Milestones as of January 26, 2001

| Number | Milestone Title | Status |
|--------------------------------|--|---|
| M-89-02 | "Complete Removal of 324 Building Radiochemical Engineering Cells (REC) B Cell Mixed Waste (MW) and Equipment," | Due 11/30/00 — Progress continues to be made in accomplishing the milestone work scope, however due to technical and operational issues the milestone was not met. A revised schedule was developed with the support of RL and Ecology. The scheduled date for the removal and shipment of mixed waste from B Cell is now March 30, 2001. The date for shipment of low-level waste remains at July 31, 2001, as agreed to with the regulators. |
| DNFSB Commitments | | |
| Nothing to report at this time | | |



MILESTONE EXCEPTION REPORT

| <u>Number/WBS</u> <u>Level</u> | <u>Milestone Title</u> | <u>Baseline Date</u> | <u>Forecast Date</u> |
|--------------------------------|------------------------|----------------------|----------------------|
|--------------------------------|------------------------|----------------------|----------------------|

Overdue – 1

| | | | | |
|-------------------|-----------|---|----------|----------|
| TRP-99-901 | EA | Complete Removal of 324 Radio-chemical Engineering Cells (REC) B Cell Mixed Waste (MW) & Equip. | 11/30/00 | 03/30/01 |
|-------------------|-----------|---|----------|----------|

Cause: Technical and operational issues have delayed completion of this work scope.

Impact: Completion date of TPA milestone M-89-02 was not met.

Corrective Action: A revised schedule was developed with the support of RL and Ecology.

FY 2000 Overdue – 1

| | | | | |
|-------------------|-----------|--|----------|----------|
| TRP-99-933 | RL | Containerize Dispersible Under 2A Rack | 04/30/00 | 03/30/01 |
|-------------------|-----------|--|----------|----------|

Cause: It has been determined it is more efficient to complete dispersible collection after the waste containers in the cell are removed.

Impact: No impact. This milestone will be completed by March 30, 2001.

Corrective Action: No corrective action is required.

FY 2002 Tri-Party Agreement / EA Milestones

| Number | Milestone Title | Status |
|---------------------------------|---|--|
| MX-92-06-T01 | "Complete Disposition for all Site Unirradiated Uranium" | Due 12/31/00 — Complete as scheduled. |
| DNFSB Commitments | | |
| Nothing to report at this time. | | |

PERFORMANCE OBJECTIVES

| Outcomes | Performance Indicator | Status |
|--|--|---|
| Restore the River Corridor for Multiple Uses | FHI-M8 – 300 Area Cleanup | |
| | Measure 1: Accelerate 300 Area Cleanup | |
| | Expectation 1: Deactivate 324/327 Buildings | |
| | Base: Complete 26.5% remaining 324/327-baseline work. | 3.0% of the remaining low-level scope has been completed through 12/00. |
| | Base: Complete B Cell cleanout and shipment of B Cell waste to 200 Area Burial Grounds. | 6 of the planned 12 to 14 steel waste disposal box (SWDB) shipments of B Cell waste have been made. |
| | Stretch: Complete additional 2.5% remaining 324/327-baseline work. | No additional work scope has been performed to date. |
| | Expectation 2: Disposition surplus facilities | |
| | Base: Disposition 3902A, 3802B & 303-K by 9/30/01. | Planning has been initiated for demolition of the 3 structures. |
| | Stretch: Disposition 377 Bldg. by 6/30/02. | No work scope has been performed to date. |
| | Expectation 3: Disposition uranium billets, uranium dioxide, scrap materials in 200/300 Areas, and 303-K thorium-232 by 9/30/01. | Preparation continues to initiate shipment of the uranium billets and uranium dioxide to the DOE Portsmouth site in the second quarter of FY 01. |
| Measure 2: Support RCP Contract Transition | | |
| Expectation 1: | | |
| Stretch: Support RCP contract transition by 7/1/02. | A plan for development of a plan will be prepared by 2/15/01. | |
| Transition Central Plateau to support long-term waste management | FHI-M3 – 200 Area Facility Disposition | |
| | Measure 1: Disposition Surplus Buildings and Rolling Stock | |
| | Expectation 1: | |
| | Base: Decontaminate & Decommission (D&D) 233-S & 233-SA Facilities by 9/30/04. | Work will not be initiated until 7/01/02. |
| | Stretch: D&D 233-S & 233-SA by 6/30/04. | Work will not be initiated until 7/01/02. |
| | Expectation 2: Complete installation of new roofs on PUREX & B Plant by 9/30/02. | Work will not be initiated until 2/01/02. |
| | Expectation 3: | |
| | Base: Disposition contaminated railcars by 6/30/06. | Efforts continue to disposition one rail car in FY 01. Detail planning for the total PI work scope has been initiated. A project management plan will be issued in February 2001. |
| | Stretch: Disposition contaminated railcars by 8/31/05. | Nothing to report. |
| | Super stretch: Disposition contaminated railcars and heavy equipment by 9/30/03 | Nothing to report. |

FY 2001 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES CUMULATIVE TO DATE STATUS – (\$000)

Green

| By PBS | FYTD | | | | | | | | | |
|---|------------------|-----------------|-----------------|-------------------|-------------|-----------------|------------|------------------|------------------|--|
| | BCWS | BCWP | ACWP | SV | % | CV | % | PEM | EAC | |
| PBS TP01 B-Plant WBS 1.4.1 | \$ - | 0 | \$ 0 | \$ - | 0% | \$ (0) | 0% | \$ - | \$ - | |
| PBS TP04 300 Area/ Special Nuclear WBS 1.4.4 Materials | \$ 590 | \$ 586 | \$ 587 | \$ (4) | -1% | \$ (1) | 0% | \$ 2,751 | \$ 4,090 | |
| PBS TP12 Transition Program WBS 1.4.6 Management | \$ 1,568 | \$ 1,567 | \$ 1,337 | \$ (0) | 0% | \$ 231 | 15% | \$ 6,791 | \$ 6,622 | |
| PBS TP10 Accelerated Deactivation WBS 1.4.8 | \$ 797 | \$ 815 | \$ 904 | \$ 19 | 2% | \$ (89) | -11% | \$ 2,911 | \$ 3,626 | |
| PBS TP08 324/327 Facility Transition WBS 1.4.10 | \$ 7,650 | \$ 6,372 | \$ 6,737 | \$ (1,278) | -17% | \$ (365) | -6% | \$ 34,912 | \$ 35,457 | |
| PBS TP14 Hanford Surplus Facility WBS 1.4.11 Program (300Area Revitalization) | \$ 98 | \$ 94 | \$ 75 | \$ (4) | -4% | \$ 19 | 20% | \$ 416 | \$ 1,313 | |
| Total | \$ 10,702 | \$ 9,434 | \$ 9,640 | \$ (1,268) | -12% | \$ (206) | -2% | \$ 47,782 | \$ 51,108 | |

Notes: RL-Directed costs (steam and laundry) are included in the PEM BCWS. 310 TEDF/340 Facility performance data is reported under PBS WM05 (Waste Management).

Authorized baseline as per the Integrated Planning Accountability, and Budget System (IPABS) – Project Execution Module (PEM).

FY TO DATE SCHEDULE / COST PERFORMANCE:

The unfavorable schedule variance was primarily due to steel waste disposal boxes (SWDBs) waste loading and shipment delays. Further information at the PBS level can be found in the following Schedule Variance Analysis.

The unfavorable cost variance is within established threshold. Further information at the PBS level can be found in the following Cost Variance Analysis.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, Fiscal Year to Date (FYTD) Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

Schedule Variance Analysis: (-\$1.3M)

324/327 Facility Transition – 1.4.10/TP08

Description and Cause: The unfavorable schedule variance was primarily due to the Steel Waste Disposal Boxes (SWDB) "hot spots" issue (delaying their shipment) and the effect of plant work being put on hold while plant personnel were retrained and procedures strengthened.

Impact: TPA milestone M-89-02 work scope not completed as scheduled.

Corrective Action: Initial briefings with Ecology and RL have been completed. Revised schedule has been developed that moves completion of TPA milestone scope to March 2001. The work is on schedule for the revised target date.

All other PBS variances are within established thresholds.

Cost Variance Analysis: (-\$0.2M)

324/327 Facility Transition — 1.4.10/TP08

Description and Cause: The unfavorable cost variance was a result of cost increase for delay in waste shipments and unplanned crane maintenance.

Impact: No Impact.

Corrective Action: Cost variance is expected to be mitigated by efficiencies during the year.

Accelerated Deactivation — 1.4.8/TP10

Description and Cause: The unfavorable cost variance was primarily a result of labor overruns in the 2714U Waste Drum Characterization activity due to a more complex than planned drum opening, sampling, and repackaging.

Impact: Being evaluated.

Corrective Action: Discussions are ongoing between RCP and Waste Management to determine cause for overrun and to establish a resolution.

Transition Project Management — 1.4.6/TP12

Description and Cause: The favorable cost variance was primarily due to time phasing of planned contract and fee assessment accruals.

Impact: No Impact.

Corrective Action: Contract costs and fee assessment accruals are expected to increase later in the year.

Hanford Surplus Facility Program — 1.4.11/TP14

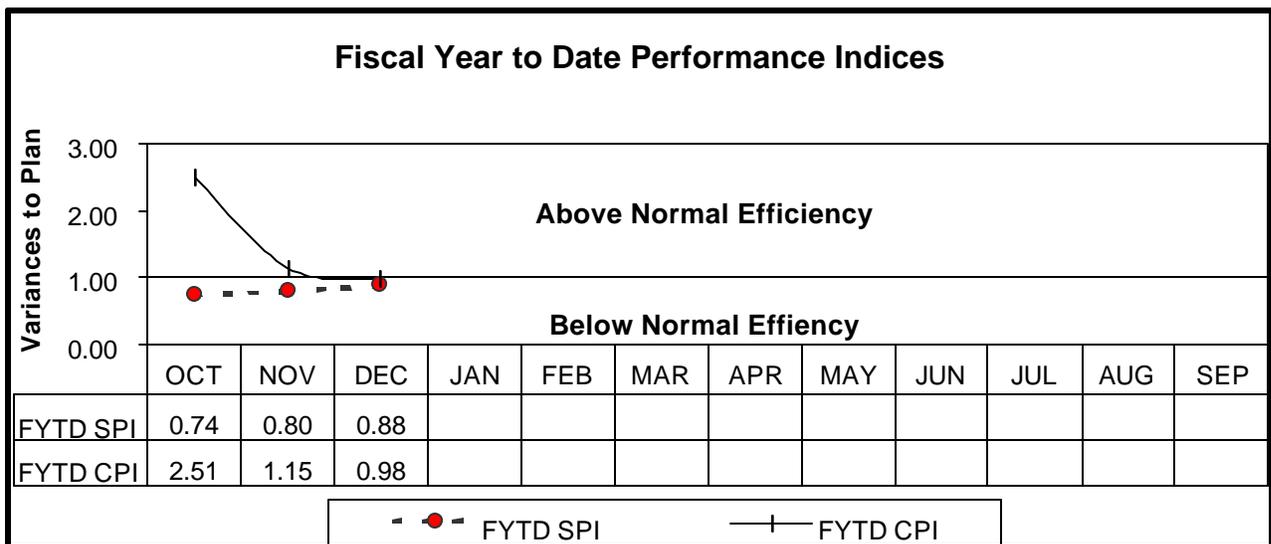
Description and Cause: The favorable cost variance was due to costs for contract support not being incurred as planned.

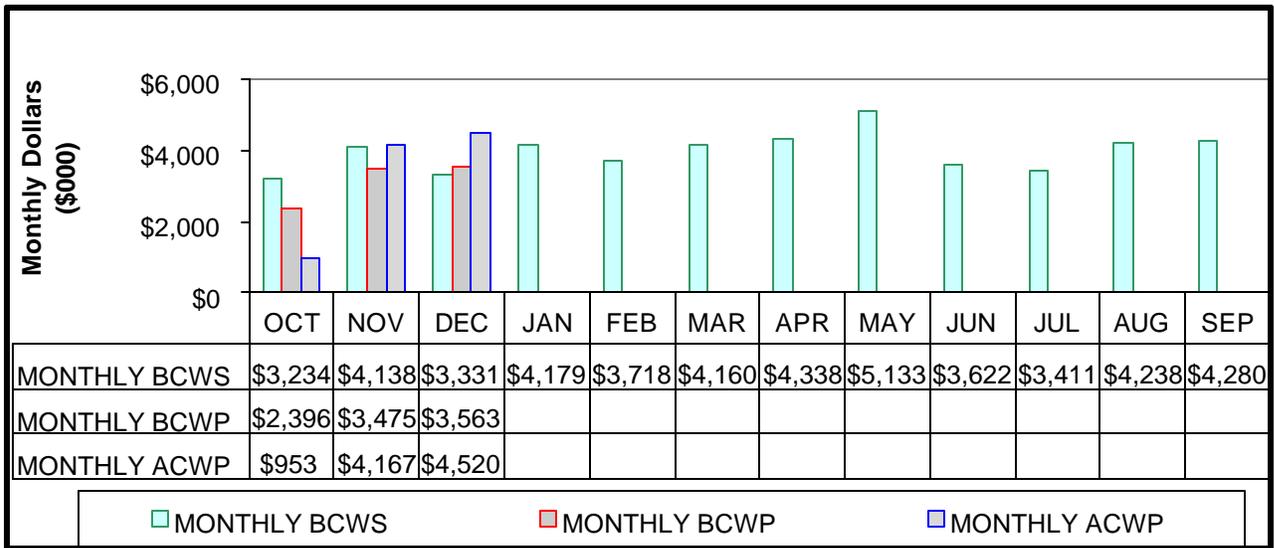
Impact: No Impact.

Corrective Action: The full contract costs are expected later in FY 2001.

All other PBS variances are within established thresholds.

SCHEDULE / COST PERFORMANCE (MONTHLY AND FYTD)





FUNDS MANAGEMENT FUNDS VS SPENDING FORECAST (\$000) FY 2001 TO DATE

| | Project Completion * | | | Post 2006 * | | | Line Items * | | |
|---------------------------------------|----------------------|-----------|----------|-------------|----------|----------|--------------|------|----------|
| | Funds | FYSF | Variance | Funds | FYSF | Variance | Funds | FYSF | Variance |
| The River | | | | | | | | | |
| 1.4 River Corridor | | | | | | | | | |
| TP01,TP04,TP08,TP10,TP12,TP14,WM05 | | | | | | | | | |
| Line Item | | | | | | | | | 0 |
| Total River Corridor Operating | \$ 49,706 | \$ 49,601 | \$ 105 | \$ 5,637 | \$ 5,551 | \$ 86 | | | |
| Total River Corridor Line Item | | | | | | | \$ - | \$ - | \$ - |

* Control Point

ISSUES

Technical Issues

Issue: 324 Building — Hot spots on the bottom of Steel Waste Disposal Boxes (SWDBs) loaded with Rectangular Grout Containers are more radioactive than the current Central Waste Complex (CWC) acceptance criteria of one rem per hour.

Impacts: Shipment schedule/in-cell work schedule has been delayed.

Corrective Action: Pursuing several actions:

- CWC is revising their existing authorization basis to accommodate this and other like shipments.
- 324 Building is evaluating SWDB loading to optimize sequence of individual items to minimize dose rates. *(No further status to be provided.)*

Regulatory Issues

Issue: On November 7, 2000, FH provided to RL formal notification that Tri-Party Agreement milestone M-89-02, "Complete removal of 324 Building Radiochemical Engineering Cell (REC) B Cell Mixed Waste (MW) and Equipment," would miss its November 30, 2000 due date.

Impacts: The schedule was impacted primarily due to technical/mechanical issues (high dose SWDBs, 30-ton crane and 3-ton crane repairs, Safety Analysis Report revision) and needed operational improvements, as well as a reduction in the amount of overtime previously planned in the baseline schedule. Resolution of the higher bottom dose on the SWDBs, although assumed to be resolved as the schedule requires, also has the potential to significantly impact the schedule.

Corrective Action: FH, in concert with RL and Ecology, has prepared a revised schedule that factors in the lost schedule and other schedule related issues. FH is currently on schedule to meet the new commitment date. *(No further status to be provided.)*

External and DOE Issues

Issue: Nothing to report.

Impacts: None at this time.

Corrective Action: None at this time.

DOE Requests:

Issue: Approval by DOE-HQ of a revised Certificate of Compliance associated with the Unirradiated Uranium billet SARP, Revision K, is required to support shipment of uranium billets off-site by January 31, 2006.

Impacts: DOE-HQ approved Revision K of the uranium billet Safety Analysis Report for Packaging (SARP) with a Certificate of Compliance (COC) that allows shipment of only three billet boxes per trailer instead of five boxes per trailer that was analyzed in the revision. Using this COC will increase the billet transportation cost by approximately \$200K.

Corrective Action: DOE-HQ has been informed of the impact, and a COC allowing five billet boxes per trailer, is targeted to be issued January 31, 2001. Per instructions from DOE-HQ, Revision 0 of the original SARP that includes revision K has been issued, and the COC for the five billet boxes per trailer is in process. However, informal communications indicates the January 31, 2001 date for issue of the revised COC may be in jeopardy.

Issue: An opportunity exists for transfer of Pacific Northwest National Laboratory (PNNL) facilities into TP-14, pending resolution of the current DOE-HQ guidance to EM (pipeline suspension). PNNL has funds for FY 2001/2002 S&M identified for transfer to FH, but these funds may no longer be available when the suspension ends.

Impacts: Efficiencies realized through combining these facilities into TP-14 may be jeopardized.

Corrective Action: A Memorandum of Agreement (MOA) to begin the transfer process has been prepared. The MOA is being routed for approval by PNNL, FH and DOE. Anticipate transfer of facilities by June 30, 2001.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS (\$000)

| Project Change Number | Date Origin. | BCR TITLE | FY 01 Cost Impact \$000 | S C H | T E C H | Date to FH CCB | FH CCB APR'VD | RL APR'VD | Current Status |
|-----------------------|--------------|--|-------------------------|-------------|------------------|----------------|---------------|-----------|------------------------------|
| FSP-2000-002 | 11/2/99 | Mark-42 Project Completion | \$304 | | X | 04/05/00 | | | Additional funding requested |
| FSP-2000-072 | 7/27/00 | MYWP Submittal (Phase I) | (\$37,767) | X | X | 08/25/00 | 08/31/00 | 12/27/00 | |
| FH-2000-001 | 9/12/00 | Base Ops Reduction for PHMC Projects | (\$2,575) | | X | 10/24/00 | 10/24/00 | 12/28/00 | |
| FH-2000-002 | 9/25/00 | FY2001 Fee Reduction to 90% | (\$413) | | | 10/24/00 | 10/24/00 | 12/28/00 | |
| FH-2000-003 | 9/25/00 | FY2001 Addition of High Priority Workscope | \$14,951 | | X | 10/24/00 | 10/24/00 | 12/28/00 | |
| FSP-2001-001 | 10/9/00 | Baseline Adjustment to TP08 | (\$496) | | X | | | | Draft Prepared |
| FSP-2001-007 | 10/31/00 | Uranium Disposition Project | \$371 | | X | 11/7/00 | 11/17/00 | 12/28/00 | |
| FSP-2001-011 | 11/14/00 | Design Change - 324 LWHS | \$0 | | X | | | | In Revision |
| FSP-2001-012 | 11/21/00 | Admin. Change to RL-TP08 Milestone Data | \$0 | | | 12/18/00 | 12/28/00 | | Pending RL Review |
| FSP-2001-015R1 | 11/30/00 | Add FY2001 Workscope to RCP Baseline | \$2,646 | | X | | | | Pending Project Review |
| FSP-2001-023 | 12/20/00 | 324 Building SAR Revision | \$0 | X | X | | | | Draft Prepared |

| ADVANCE WORK AUTHORIZATIONS | | | | | | | | | |
|-----------------------------|----------|------------------------------|------|---|---|----------|----------|---------|-------------------|
| AWA | 11/2/00 | 324 SAR | \$56 | | X | 11/3/00 | 11/3/00 | 11/3/00 | BCR #FSP-2001-023 |
| AWA | 12/15/00 | 300 Area Accelerated Cleanup | \$50 | X | X | 12/18/00 | 12/27/01 | 1/3/01 | BCR#FSP-2001-015 |
| AWA | 1/2/01 | 327 Backflow Preventers | \$20 | X | X | 1/3/01 | 1/12/01 | N/A | BCR#FSP-2001-015 |

KEY INTEGRATION ACTIVITIES

NFDI Support to DOE Complex — DOE-HQ has provided RL \$350,000 for NFDI activities during the first half of FY 2001.

324 SNF Project Savings — In FY 2000, the 324 Building B Cell project, along with the Spent Nuclear Fuel Project (SNFP), developed an alternative plan for the fuel removal activity. Agreement to use a longer inner canister for the fuel permits greater end-shielding and allows hands-on welding and testing in the Cask Handling Area, rather than the more expensive remote effort in B Cell. The Programmatic Agreement that outlines the responsibilities and general items for this fuel transfer was approved by both RCP and SNFP. The 200 Area Interim Storage Area Acceptance Criteria (HNF-4894) has been approved by RCP and SNFP.

EM-50 Support — With support from EM-50, AEA Technology completed two final reports regarding future RCP deactivation tasks: (1) *Option Study for Inspection, Sampling and Remediation for Tank T-105 in the HLW Vault in Building at Hanford*; and (2) *Options Study for B Cell HVAC Duct Remediation*. Both of these reports summarize the work accomplished by AEA in FY2000. EM-50 plans to provide \$450K in FY 2001 as partial funding to continue work on these two tasks, as well as on a new proposal involving acquisition and deployment of a more robust manipulator arm for 324 hot cell deactivation. Negotiations for additional leveraged funds are ongoing.

New Hanford-Rocky Flats-Savannah River Joint Deactivation Proposal — Through involvement with NFDI, Hanford, Rocky Flats, and Savannah River submitted a joint proposal focused on demonstration and deployment of large equipment size reduction systems. DOE-HQ/EM-50 plans to announce the selection of the winning proposals by the end of January 2001.

Participation in West Valley Demonstration Project — In September 2000, RCP issued a letter of support to RL to participate as a "non-host deployment site" in a proposal led by PNNL and West Valley (NY). The West Valley Demonstration Project is deactivating hot cell facilities with similar decontamination and decommissioning challenges to RCP facilities. The project would fund FH to participate on an Integrated Contractor Team (ICT). The ICT will influence the identification and selection of technologies for demonstration. Based on successful demonstration at West Valley, FH would be considering the best technologies for use at RCP. Nine proposals from throughout the DOE-Complex were submitted in response to EM-50's Large Scale Demonstration and Deployment Program (LSDDP) call for proposals. As noted above, EM-50 plans to announce the winning proposals by the end of January 2001.

Coordination With the 324 B Cell Cybernetix Procurement Project Team — PNNL staff have begun interfacing on a regular basis with the 324 Building staff regarding dealings with Cybernetix. Both companies have current contracts with Cybernetix. A PNNL staff member is now attending the B Cell conference calls with Cybernetix, and lessons-learned meetings are being held with PNNL and RCP. Both robotic systems are scheduled for shipment from France to Hanford in the spring of 2001.