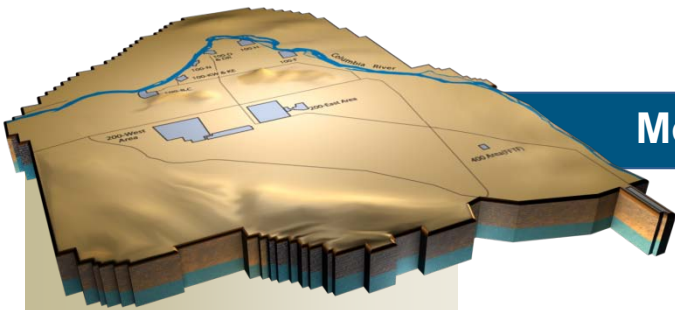


Appendix C

Project Services and Support (WBS 000) (PBS RL-XX.99)



Monthly Performance Report

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PROGRAM SUMMARY

Project Services and Support functional activities continue to provide support and technical services to all CHPRC projects as well as central management of cross-cutting services.

TARGET ZERO PERFORMANCE

	Current Month	Rolling 12 Months	Comment
Days Away, Restricted or Transferred	0	0	N/A
Total Recordable Injuries	0	1	N/A
First Aid Cases	0	5	N/A
Near-Misses	0	0	N/A

KEY ACCOMPLISHMENTS

Safety, Health, Security, and Quality (SHS&Q)

- The monthly President's Zero Accident Council (PZAC) meeting was held on April 20, with sponsorship provided by the Soil and Groundwater Remediation Project. The three principal themes for the meeting were:
 - Housekeeping
 - Fire Prevention
 - Yard Waste – Personal safety and environmental management.
- Two employees of CHPRC were presented with recognition for their selfless response in coming to the aid of individuals.
- Issued four Thinking Target Zero bulletins:
 - Watch Your Back
 - Personal Protective Equipment
 - UV Skin Protection
 - Walking/Working Surfaces
- Additional significant SHS&Q related program activities for the month included:
 - Occupational Safety and Industrial Hygiene (OS&IH) accomplishments:
 - Publication of weekly Safety Tailgate communiqués covering relevant and timely topics:
 - ❖ vehicle and traffic safety
 - ❖ ladder and stairway safety
 - ❖ fall hazards

- ❖ Beryllium awareness and medical clearance
 - ❖ environmental/recycling
 - ❖ human performance improvement (HPI) tools
 - ❖ reporting emergencies
 - ❖ back safety
 - ❖ Personal Protective Equipment (PPE)
 - ❖ work management process improvement
 - ❖ stress management
 - ❖ Hanford site snakes and birds
 - ❖ the integrated corrective action plan hazardous energy control
 - ❖ UV exposure
 - ❖ injury and close call summaries
- Active participation in the site-wide (multi-contractor) committees continues, with each working on defined actions to support the following implementation schedules: Fall Protection, September 30, 2011; Industrial Hygiene Database, approximately September 30 2011; Confined Space, September 30, 2011; Lockout/Tagout, July 29, 2011; Respiratory Protection, staggered into Fiscal Year (FY) 2012; Electrical Safety, staggered into FY2012; and the Employee Job Task Analysis, FY2012. Work continues on the Excavation Safety enhancements, through the established committee.
 - OS&IH continues on the task of re-formatting its Requirements Documents (RDs) into Standards or Procedures.
 - Participated in the training of a new class of Buyer Technical Representatives - focusing on the integration of safety and health requirements and occupational medical exam needs into the development of contractor Statements of Work (SOWs).
 - Developed and published governing documents to improve safety and health processes. These documents included a charter for the Hazardous Energy Control Technical Review Board to meet contractor requirements as members of the site wide Lockout/Tagout committee; changes to the contractor safety procedure to strengthen subcontractor oversight plans, competent and qualified persons assignments, and vehicle safety implementation; a guidance document for safety issues and ideas to provide a uniform practice for the "Safety Logbook" process; and a training program description to establish fundamental qualification requirements for OS&IH professional staff.
 - Established an internal (Intranet) hazardous energy control website as a means for information sharing with employees
 - Completed industrial hygiene instrumentation core training for Industrial Hygiene Technicians
 - In preparation for the seasonal summer weather, OS&IH completed a Work Site Assessment on the heat stress program, with a focus on the understanding of the American Conference of Governmental Industrial Hygienists Threshold Limit Value, use of the Automated Job Hazard Analysis (AJHA) Tool, and performance of exposure assessments.
 - Continued with progress on program development and corrective actions associated with the CHPRC Beryllium Characterization Project.
- o Emergency Preparedness accomplishments:
 - Sixteen drills were performed in April; seven of which were operational drills.

- Preparing for Plutonium Finishing Plant Third Quarter RL Evaluated Exercise scheduled for June 16, 2011
- Conducted Third Quarter Emergency Preparedness Management Assessment
- Developed PRC-STD-TQ-40393, *Emergency Preparedness and Response Organization Training Program Description*
- Radiological Control accomplishments:
 - Revised Radiological Control Qualification cards
 - Held quarterly CHPRC ALARA meeting
 - Radiological Technical Evaluation training was provided to Project Health Physicists.
- Operations Program accomplishments:
 - Conducted Work Control Gap and Responsible Manager classes throughout the month with 1,082 personnel attending
 - Completed Responsible Manager qualification card development
 - Completed the majority of the Work Control procedure suit for phase 2 implementation, 90 percent complete
 - Attended Worker Authorization/Hanford Site Worker Eligibility Training meeting for development of a training verification system
 - Met with crafts, Field Work Supervisor (FWS) and management at Waste Receiving and Processing Facility (WRAP) talking about continuous use for troubleshooting packages
 - Work Management web page development continued.
 - Developed the Computer Based Training (CBT) for management on the revised work management process
 - Assisted developing the process flow for revised company-wide procedures process
- Deliverables prepared and transmitted to RL in April for Nuclear Safety include:
 - Transportation Documents:
 - E-mail, *Revised Multiple Glovebox Contaminated Equipment Special Packaging (CE-SPA) Shipment Evaluation Checklist (SEC.)*
 - E-mail, *Revised 3-Well Railcar CE SPA SEC*
 - E-mail, *Revised R-2 Retrieval SPA SEC*
 - E-mail, *CE-1 CE-SPA SEC for Retrieval Packages*
 - E-mail, *Revised CD-1 CE-SPA SEC for Return of Type A Containers from Permafrix Northwest (PFNW)*
 - E-mail, *Tiedown Analysis for Modified 3-well Railcars*
 - E-mail, *Request for authorization of higher radioactivity content for two boxes under Retrieval Box One-Time Request for Shipment Extension*
 - E-mail, *CE-1 CE-SPA SEC for Return of Type A containers from PFNW, Rev. 3*
 - E-mail, *Internal Securement Plan for Payload Boxes within IP2-1800-TL*
 - Documented Safety Analysis:
 - Letter, CHPRC-1101703, dated April 18, 2011, *Transmittal of Sludge Treatment Project Safety Design Strategy Revision to Support Preparation of the Engineered Container Retrieval and Transfer System Preliminary Safety Design Report, for RL Review and Approval*

- Letter, CHPRC-1101976, dated April 21, 2011, *Submittal of Contract Deliverable C.3.2.2-1, Annual Update of the 224-B Facility Documented Safety Analysis*
- Documents Received from RL:
 - Letter, 11-SED-0076, dated April 1, 2011, *Approval of Contractor Submittal of Annual Update to Plutonium Finishing Plant (PFP) Authorization Agreement (AA), HNF-9830, Revision 8*
 - Letter, 11-SED-0077, dated April 1, 2011, *105-KW Basin Final Safety Analysis Report (FSAR) in Support of Closure of an Unreviewed Safety Question (USQ) Evaluation Associated with the Kock-out Pot Overlift*
 - Letter, 11-SES-0102, dated April 4, 2011, *Contractor Requirements Document (CRD) of DOE Order 461.2 "Onsite Packaging and Transfer of Materials of National Security Interest," Change Order #140*
 - Letter, 11-SES-0101, dated April 6, 2011, *Contractor Requirements Document (CRD) of DOE Order 461.1B "Packaging and Transportation for Offsite Shipment of Materials of National Security Interest," Change Order #134*
 - Letter, 11-SES-0102 REISSUED, dated April 4, 2011, *Contractor Requirements Document (CRD) of DOE Order 461.2 "Onsite Packaging and Transfer of Materials of National Security Interest," Change Order #140*
 - Letter, 11-SED-0093, dated April 7, 2011, *Request for Approval of the Package-Specific Safety Document for Steel Drums, CHPRC-01039, Revision 1*
 - E-mail, dated April 12, 2011, *R-2 Retrieval-SPA SEC*
 - Letter, 1101269.1, dated April 13, 2011, *Approval of the Waste Encapsulation and Storage Facility (WESF) Authorization Agreement (AA) Annual Update*
 - Letter, 11-SED-0079, dated April 19, 2011, *Approval of Clarification of Technical Safety Requirements (TSR) for Fire Protection Surveillance Frequency and Approval to Temporary Deactivate 291-Z Building Fire Detection and Alarm System*
 - E-mail, dated April 20, 2011, *Revised CE-1 CE-SPA SEC for Return of Type A containers from PFNW, Rev. 2*
 - Letter, 11-SED-0088, dated April 25, 2011, *Equivalency Request for Fire Protection Provisions Protecting the Waste Encapsulation and Storage Facility (WESF) Exhaust High-Efficiency Particulate Air (HEPA) Filters*
 - E-mail, dated April 26, 2011, *CE-SPA SEC for 3-well Railcars*
 - E-mail, dated April 27, 2011, *Tiedown Analysis for Modified 3-well Railcars*
 - Letter, 11-SED-0089, dated April 27, 2011, *Approval of the B Plant and Plutonium Uranium Extraction Facility (PUREX) Authorization Agreement (AA) Annual Update*
 - Letter, 11-SED-0091, dated April 27, 2011, *Review and Approval of the Waste Encapsulation and Storage Facility (WESF) CHPRC-01038 K1/K3 Exhaust System Upgrade Project Safety Design Strategy (SDS), Revision 0*
- Documents Received from other contractors:
 - Letter, Department of Health, 1101866, dated March 29, 2011, *Noncompliances Noted During the Inspection of Shipment Number LC006 Arriving at Perma-Fix Northwest*
 - Letter, MSA-1102018, dated April 19, 2011, *Certification of Derivative Classifier and Unclassified Controlled Nuclear Information Reviewer Authorities in Accordance with*

CRD M 475.1-1A, Identifying Classified information, and CRD O 471.1B, Identification and Protection of Unclassified Controlled Nuclear Information

- Quality and Performance Assurance accomplishments:
 - Performed 58 PRC self-assessments in April
 - Revised PRC-PRO-QA-40099, Management Observation Program, to include a focus on observing organizational/at-risk behaviors related to Lock and Tag Program activities
 - The updated CBT module for the Management and Work Site assessment processes was reviewed by team members and several improvements were made and are being incorporated into the module. Release to the web for general use is anticipated by the end of May.
 - The quarterly startup notification report was approved May 6; however, the grouting of U-Plant Canyon cells was not approved pending completion of the Hazard Categorization documentation for the activity. The D-10 tank removal Joint Evaluation Team will be held following evaluation and resolution of issues.
 - Completed an effectiveness review of corrective actions taken to address Integrated Safety Management System implementation issues within the Waste and Fuels Management Project's Waste Retrieval Project. The team concluded that the necessary procedures and processes were in place, with experienced personnel for operations to be performed in a safe manner, and that the corrective actions were effective.
 - Annual update of PRC-MP-QA-599, *Quality Assurance Program*, has been completed, issues identified by the RL review have been resolved and RL approval of the document is pending.
- Integration and Improvement Management accomplishments:
 - Participated in a joint Contractor Assurance System (CAS) meeting with Mission Support Alliance, LLC and Washington Closure Hanford, LLC. The objective is to share lessons learned, good practices, and non-value added practices related to CAS. This will be an on-going activity.
 - Root Cause Team Leader Qualification Card was approved for use.
 - To date 63 of 84 Integrated Corrective Action Plan (ICAP) actions have been completed. RL has reviewed and accepted approximately 80 percent of the closures.
 - The Condition Report (CR) Closure Review Worksheet was implemented to provide consistent criteria for developing a quality-driven analysis and corrective action plan. The overall Closure Review Worksheet score for CRs closed in April was 96 percent.
 - Final preparations were made for convening the program Corrective Action Review Board to provide review and input by senior program management in developing analysis and actions for adverse and significant issues.
 - A review of the effectiveness review process was completed April 28, 2011. The report concluded that the effectiveness review process is adequate to review the effectiveness of overall issue resolution. With the new resources established within the process (root cause evaluators) and with continued training, mentoring, and oversight of the effectiveness review process, the process can be a successful tool to ensure corrective actions have been effectively implemented.

- Status of SHS&Q Performance Indicator Trend Analysis:
 - **Issue:** Beryllium program assessment findings from Health Safety & Security Independent Oversight Inspection report.
Status: Supported re-baseline of site Beryllium CAP with RL, DOE Office of River Protection, and site contractors.
Action: Implementing CHPRC actions and supporting site-wide actions per the approved CAP.
 - **Issue:** Performance Trends under evaluation: fall protection issues, radiological survey record documentation, work management, and radiological control in PFP.
Status: Working with RL Points of Contact for resolution.
Action: Taking corrective actions as needed.
 - **Issue:** Transportation Documented Safety Analysis requires updating to support on-site transportation activities.
Status: Developed CAP.
Action: Actions on schedule.
 - **Issue:** Implementation of ICAP
Status: 61 of 84 actions completed; RL has verified 80 percent for closure.
Action: Continue ICAP actions.

Environmental Program and Strategic Planning (EP&SP)

Environmental Management System (EMS)

- All EMS Objectives and Targets are on, or ahead of schedule.
- CHPRC participated in April's Earth month by creating an Earth Day poster, an internal video clip, providing information during company employee meetings, print communications and internal web page postings.
- A query of the P-Card system was performed to gauge current Pollution Prevention Tracking and Reporting System capacities. The data is being reviewed to further refine the system.

Compliance Inspections and Reviews

- The last National Pollutant Discharge Elimination System (NPDES) point source discharge to the Columbia River ended when the flume to the 100K NPDES outfall was severed and plugged with concrete. A letter to EPA requesting termination of the NPDES permit was transmitted on April 25, 2011.
- Class 1 Resource Conservation and Recovery Act of 1976 (RCRA) Permit Modification packages for Liquid Effluent Retention Facility (LERF)/200 Area Effluent Treatment Facility (ETF) were delivered to Ecology. The permit will now provide better plant operation consistency measures and include the tank for accepting purge water from trucks and the remainder of the truck load-in building.
- The last active CHPRC underground fuel storage tank on the Hanford Site was emptied and removed from the ground at PFP. A site assessment and other work to remove piping and other features required for tank closure will continue in May.
- On April 27-28, 2011, RL, MSA, WCH, WRPS, and CHPRC conducted the annual Hanford Facility RCRA Permit general inspection of 200 West Area in accordance with the permit.

Business Services

- The 2011 Inventory of Sensitive Property and Equipment items continued and is on schedule for completion in July. There are 6,879 items to be inventoried valued at \$124M. To date, 5,710 (or 83 percent) of the items have been accounted for. There have been no reported losses.

- In preparation for ARRA Ramp Down and Workforce Restructuring, Facilities and Property Management (F&PM) is preparing detailed asset profiles for each project that includes analysis of leased and owned facilities, administrative data processing (ADP) equipment, light vehicles, heavy equipment and equipment rentals. This analysis will assist in efficient ramp down and right sizing of the asset base to accommodate reduced activity levels in FY2012. Presentations to each project will be ongoing through May 31 with recommendations being evaluated and tracked by the ARRA Closeout Task Team. Facilities and Property Management is developing a detailed schedule for the removal and return of leased automobiles following work force restructuring.
- The procurement group awarded 52 new contracts with a total value of \$7.3M, amended 439 existing contracts with a total value of \$11.8M, and awarded 451 new purchase orders valued at \$1.4M to support Base/ARRA acceleration objectives.
- As measured at the end of the first 31 months, procurement volume has been significant; \$1.68B in contract activity has been recorded with approximately 49 percent or \$829M in awards to small businesses. ARRA funded activity totals 43 percent or \$715M of the grand total. This includes 5,011 contract releases, 9,096 purchase orders, and over 160,000 P-Card transactions.
- Met with RL to help assess concerns raised about contractor DOT transportation services. The resulting corrective action and a question raised about contractor chemical management were addressed by updating and issuing changes to PRO-123, Attachment 5. In addition, two BTR notices addressing these and other topics were distributed to the BTR mailing list of over 500 BTRs, managers and support organization personnel.
- Procurement has been assisting EP&SP in updating queries and reports in support of Affirmative Procurement goals. The new reporting processes are gathering more detailed information about purchased items as well as opportunities for improving Affirmative Procurement performance. Feedback from EP&SP has been very positive and we are continuing to improve the processes and reports.
- Enhancements were put into production in PRC Material Services System (PRCMSS) resulting in time-saving steps for Material Coordinators and other P-Card holders.
- October 2010 P-Card file documentation has been reviewed, scanned, and uploaded into IDMS.
- P-Card Administration has been working with Internal Audit to provide documentation on preliminary findings for IA11-02 and IA11-10.

Prime Contract and Project Integration

- The new Contract Compliance and Change Management organization was established this month to assist in improving CHPRC's integration of the administration of the Plateau Remediation Contract (PRC) with change order management and preparation. Also included in the scope of the organization is estimating support to the projects and functional organizations.
- Contract Compliance and Change Management arranged and participated in a series of initial and follow-on fact-finding meetings with RL in support of the negotiations to definitize/close open change orders #18 (300 Area Retention Transfer System), #20 (DOE Order 450.1A and 430.2B), #54 (Central Plateau Regulatory Strategy), #73 (Revision of Non-Radioactive Background Calculations), #83 (Beryllium Program Interim Actions), #92 (Remediate Waste Site 100-K-63), #114 (100-HX Pump-and-Treat System), and #120 (100-KR-4 Pump-and-Treat Expansion) which were incorporated into Modification 152 to the PRC; and change order #10 (TRU Certification Program) which was incorporated into Modification 162. Fact finding meetings with RL were arranged in support of negotiations to definitize/close change orders #9 (Sludge Treatment Project) and #30 (200-ZP-1 Operable Unit Operations and Maintenance).
- The RL sponsored KPMG audits of the CHPRC change proposals responding to change orders #9, (Sludge Treatment Project), #30 (200-ZP-1 Operable Unit Operations and Maintenance), and #95

(Central Plateau Strategy) were completed. Change Management was responsible for developing and providing to KPMG responses to the associated findings and the required management representation letters. The estimating staff is updating the change proposal estimates to provide updated cost for inclusion in negotiations with RL.

- Field work was completed and the draft of the final report prepared for a management assessment of the effectiveness of CHPRC PRC change management processes and deliverables. The assessment target was selected due to challenges experienced to consistently prepare contract change proposal packages judged by RL and the assigned audit agencies to fully comply with the applicable Federal Acquisition Regulations and Cost Accounting Standards. The assessment identified and documented where deficiencies and opportunities for improvement exist and identified proposed corrective actions to address them. RL was briefed on the results of the assessment and provided an opportunity to provide feedback prior to issuance of the final report.
- During April, Prime Contracts received and processed six (6) contract modifications (numbers 111, 152, 155, 157, 159 and 162) from RL. The Correspondence Review Team reviewed and determined distribution for 34 incoming letters and the Prime Contract Manager reviewed 50 outgoing correspondence packages.
- Two new change proposals were initiated: RL requested a new change proposal, Change Order 145, for the Hanford Site Chronic Beryllium Disease Prevention Program (next phase). Efforts were also initiated to provide a change proposal for Transuranic Waste Drum Venting, requested in Change Order 139.
- CHPRC continued the tasks associated with implementation of the Timberline estimating software including the documentation of steps required for implementation, identification and creation of standard templates for repetitive site work, and software training for cost estimating staff.

Engineering, Projects and Construction (EPC)

- Central Engineering (CE) participated in a DOE-HQ led assist visit review of the Savannah River Mixed Oxide Processing Facility. The review team consisted of senior DOE staff and select contractor individuals. The review is a part of the enhanced reviews of major DOE-EM projects being conducted by the Department of Energy. Team members reviewed a wide variety of topical areas and provided recommendations to the Shaw/AREVA Architect-Engineering team .
- Central Engineering (CE) chaired the semi-annual Energy Facilities Contractors Group (EFCOG) Engineering Practices Working Group (EPWOG) meeting in Washington D.C. April 19/20. Presenters ranged from the EM Chief of Nuclear Safety to the Manager of Health, Safety, and Security to a DNFSB Staff member to several contractor Chief Engineers and key Engineering Managers. Full meeting information/minutes are posted at <http://www.efcog.org/wg/ep/index.htm>.
- CE continued to chair the Conceptual Design Review and provided support of proposal review and Review Comment Record sign-off on Request For Proposal 229377, *Preliminary/Final Design of WESF K1/K3 Exhaust upgrades*. *The Conceptual Design Review Report was published. Modifications to the Functional Design Criteria* have been published based on comments provided during the Conceptual Design Review.
- CE is participating with a DOE-HQ team in the update & revision of DOE-STD-1020-2002, *Natural Phenomena Hazards Design and Evaluation Criteria for DOE Facilities*. The proposed revision will be DOE-STD-1020-2011, same title, and will incorporate the seismic requirements defined in DOE-STD-1189.
- *The KE Reactor Core Removal Project (KERCRP) Preliminary Design Review Report (DD-49292)* was published on April 7, 2011. CE chaired the KERCRP Preliminary Design Review and provided Subject Matter Experts to the review team.

- CE completed the last action from RL Surveillance S-10-SED-PRC-017, *CHPRC Welding Program*. The last action was the installation of temperature monitoring/controlling instrumentation onto the Low Hydrogen Filler Material storage oven. CR-2010-1118 was closed and concurrence documentation forwarded to RL for acceptance.
- CE is assisting in the resolution of the Soil & Groundwater Remediation Project electrical distribution racks with insufficient electrical (NEC) working clearance. A Corrective Response (CR) action is being written for projects to correctly install racks and will include a recommendation for future projects on how to design compliant racks.
- CE is serving on the Management Assessment Team for the Management Assessment of the U-Canyon Northern Electrical and Piping Galleries and the Canyon Cells Grouting. The grouting for the Electrical and Piping galleries was completed and an assessment plan for the grouting of the cells was developed.

Communications

- Communications developed a presentation on the 200-PW-1, 200-PW-3, 200-PW-6, and 200-CW-5 Operable Units Proposed Plan to support the upcoming Hanford Advisory Board River and Plateau Committee.
- CHPRC completed the communication plan for Integrated Safety Management System (ISMS)/Environmental Management System (EMS) expectations with the workforce in response focusing on demonstrating ISMS/EMS behavior and accountability
- CHPRC continued development of presentation and outreach materials to support the June 7, 2011 Deep Vadose Zone Technology Information Exchange.
- A notification was developed to inform stakeholders who commented on the 200-East Area Buildings/Structures Engineering Evaluation and Cost Analysis that an Action Memorandum for the document is available.
- Communications assisted in the preparation and coordination of the 2011 Hanford Public Tours, which included a tour of 100-K Area where CHPRC is performing cleanup.
- CHPRC provided resource support to RL for kickoff event announcing Pacific Northwest National Laboratory Deep Vadose Zone field research initiative April 29. The event was held at the Pacific Northwest National Laboratory and featured special guest, EM Chief Scientist Mary Neu.
- Project communications included the launch of a new participation-based D&D Project Safety Challenge between project areas; posters and a luncheon celebrating the PFP team's safety accomplishments; planning of a safe driving training day for S&GRP; and W&FMP employee messages about the VPP assessment, management expectations for procedure compliance and a congratulatory message from the project's Federal Project Director.
- Communications supported two RL tours of PFP, an RL Facility Representative and project manager briefing of visiting legislative aide with posters depicting building-by-building progress of 100K Area demolition in three areas – 105KE Reactor building, the 183KW and 183KE water treatment systems – since 2008.
- For the Nonradioactive Dangerous Waste Landfill/Solid Waste Landfill Environmental Assessment, CHPRC incorporated a second round of Contractor, Regulator, and RL comments, provided Public Comment Period Fact Sheet to RL, and revised the Public Involvement schedule to provide guidance for release of the Environmental Assessment.
- For the 200-UP-1 Proposed Plan, CHPRC drafted two 30-day advance notice documents and provided them to contractor personnel for review.
- For the 200-SW-2 (Radioactive Solid Waste Burial Grounds) Remedial Investigation/Feasibility

Study Work Plan, CHPRC drafted the RL response to HAB Advice #243.

- A Public Involvement Specialist attended planning sessions for, reviewed, and readied the RL draft of the Open Dialogue with the Tribal Nations presentation.
- To celebrate Earth Day and Month, Communications produced an Earth Day poster, *InSite* clip, intranet banner, weekly slides in the Safety Tailgates, and an Earth Day/Environmental Management System special edition of *On the Plateau* showcasing CHPRC's projects' accomplishments in reducing environmental impacts. The issue was posted to CH2M HILL's social media sites.
- Communications about workforce restructuring included an *InSite* interview with Kathy King from the computer Services Corporation (CSC) Hanford Occupational Health Services and an *On the Plateau* article with Candice Bluechel from WorkSource, both featuring resources and services available to employees.
- Videos produced in April included three episodes of *InSite* and five Recovery Act videos highlighting revegetation of the BC Control Area, grout testing at U Canyon, demolition of an underground water storage facility in the 100K Area, grouting of contaminated railcars, and glovebox removal at the PFP Analytical Laboratory.
- Public Affairs supported the RL railcar preservation promotional campaign announcing scheduled shipment of two locomotives and two railcars to B Reactor. The story was picked up by *Tri-City Herald* as well as local and regional TV outlets.
- CHPRC coordinated *Weapons Complex Monitor* coverage of a 284-West Powerhouse near miss incident that received coverage April 8 and a response with RL of project status on Hanford S&GRP.
- The April issue of the DOE *EM Recovery News* newsletter featured a story about CHPRC helping the Recovery Act workforce build skills and experience for future opportunities, a profile on a small business owner, and CHPRC's YouTube record-setting demolition video.
- Public Affairs supported a DOE *EM Recovery News Flash* about revegetation of the BC Control Area. For consideration in future issues of the newsletter, CHPRC submitted stories about major projects completed with Recovery Act funds, next generation transuranic waste retrieval and a profile on a construction Recovery Act hire.
- Issue 7 of the *EM Update* featured a story on progress in the deep vadose zone desiccation testing.

PROJECT BASELINE PERFORMANCE
Current Month
(\$M)

WBS 000 Project Services and Support	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 (BAC)
Indirect WBS 000 Total	9.1	9.1	8.5	0.0	0.0	0.6	7.1	958.3
Communications and Outreach	0.2	0.2	0.1					14.6
Safety, Health, Security and Quality	1.4	1.4	2.0					104.5
Environmental Programs and Strategic Planning	0.2	0.2	0.3					25.0
Contract and Baseline Management	0.4	0.4	0.7					53.1
Chief Financial Officer	6.8	6.8	6.1					755.9
Engineering, Projects and Construction	0.5	0.5	0.6					35.6
PS&S G&A Adder Offset	-0.4	-0.4	-1.3					-30.4
<u>PBS Allocations</u> <u>(RL-0XX.99) Total</u>	9.3	9.3	9.0	0.0	0.0	0.4	3.8	958.3
Base Total	3.5	3.5	3.7					800.6
RL-11	0.2	0.2	0.3					44.6
RL-12	0.8	0.8	0.7					87.5
RL-13	0.8	0.8	0.8					265.8
RL-30	0.8	0.8	1.3					179.1
RL-40	0.2	0.2	0.1					156.8
RL-41	0.7	0.7	0.4					62.8
RL-42	0.0	0.0	0.0					4.0
ARRA Total	5.8	5.8	5.3					157.7
RL-11	1.5	1.5	1.2					40.9
RL-13	1.5	1.5	1.3					36.9
RL-30	0.5	0.5	0.8					16.5
RL-40	1.7	1.7	1.3					38.3
RL-41	0.6	0.6	0.6					25.1

Numbers are rounded to the nearest \$0.1M.

Indirect WBS 000**CM Schedule Performance: (\$0.0M/0.0%)**

The schedule variance is within threshold.

CM Cost Performance: (+\$0.6M/+7.1%)

The variance is primarily due to higher than planned G&A from GPP/CENRTC projects (+\$0.9M), lower FY2011 pension plan contribution (+\$0.4M) and retiree insurance premium (+0.1M); offset by negative variances in Contract and Baseline Management due to a point adjustment related to implementation of BCRA-000-11-002R0 (-\$0.3M), and Safety & Health due to increased staff to support Occupational Safety & Health, work control program improvements, and beryllium program, as well as higher radiation protection program costs (\$0.6M).

PBS Allocations (RL-0XX.99)**CM Schedule Performance: (\$0.0M/0.0%)**

Level of Effort.

CM Cost Performance: (+\$0.4M/+3.8%)

See Indirect WBS 000 analysis above.

A variance of -\$0.5M exists between the indirect WBS 000 and the PBS allocations actual cost. This variance is the result of under liquidated indirect cost. The current policy for allocating indirect cost is to charge a burden based on the approved G&A rate and either over/ under liquidate the indirect WBS cost.

Variance in each PBS may be higher or lower than the composite variance as a result of the PRC accounting practice of distributing cost based on the Project's actual cost instead of the accounting practice of planning the BCWS distribution based on the Project's BCWS by each PBS.

Contract-to-Date
(\$M)

WBS 000 Project Services and Support	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 (BAC)
Indirect WBS 000 Total	270.9	270.6	249.8	(0.3)	-0.1	20.8	7.7	958.3
Communications and Outreach	5.9	5.9	5.5					14.6
Safety, Health, Security and Quality	46.4	46.1	50.0					104.5
Environmental Program and Strategic Planning	8.8	8.8	8.3					25.0
Contract and Baseline Management	24.3	24.3	21.2					53.1
Chief Financial Officer	193.8	193.8	175.7					755.9
Engineering, Projects and Construction	16.0	16.0	14.8					35.6
PS&S G&A Adder Offset	-24.3	-24.3	-25.6					-30.4
<u>PBS Allocations</u> <u>(RL-0XX.99)</u> Total	269.3	269.3	245.9	0.0	0.0	23.4	8.7	958.3
Base Total	142.8	142.8	138.0					800.6
RL-11	20.1	20.1	19.4					44.6
RL-12	25.4	25.4	25.0					87.5
RL-13	38.7	38.7	36.4					265.8
RL-30	41.2	41.2	42.7					179.1
RL-40	8.3	8.3	6.6					156.8
RL-41	7.5	7.5	6.5					62.8
RL-42	1.5	1.5	1.4					4.0
ARRA Total	126.5	126.5	107.9					157.7
RL-11	30.3	30.3	26.0					40.9
RL-13	29.0	29.0	26.4					36.9
RL-30	13.9	13.9	12.1					16.5
RL-40	32.0	32.0	24.5					28.3
RL-41	21.3	21.3	18.8					25.1

Numbers are rounded to the nearest \$0.1M.

Indirect WBS 000**CTD Schedule Performance: (-\$0.3M/-0.1%)**

Within threshold.

CTD Cost Performance: (+\$20.8M/+7.7%)

The positive variance for PRC G&A and D&D activities is distributed by weighted percentage to the Base and ARRA PBSs. The variance results from lower than expected FY2009 G&A costs due to company level and Other Hanford Pass-back, lower assessments from MSA for Other Provided Services to PRC, and with a labor underrun in project support staff related to ARRA Ramp up (+\$17.2M). For FY2010, the positive cost variance (+\$1.1M) was primarily attributed to disallowed FY2009 and FY2010 Home Office costs, underruns in the Retiree Insurance Program, and estimating software earned but not yet purchased; offset by lower than planned G&A from the projects due to delays in capital projects. The FY2011 positive cost variance of \$2.4M is primarily due to higher G&A from GPP/CENRTC projects (+\$5.9M), lower pension plan contribution (+\$2.8M), and lower retiree insurance premiums (+\$0.9M). This is offset by increased staffing to support safety and work control programs, increased beryllium program costs, cost of radiation protection program equipment (-\$6.1M), increased construction program support due to higher FY2011 construction activity (-\$0.6M), and higher facility maintenance activities related to cold weather repairs and safety issues (-\$0.4M).

PBS Allocations (RL-0XX.99)**CTD Schedule Performance: (\$0.0M/0.0%)**

Level of Effort.

CTD Cost Performance: (+\$23.4M/+8.7%)

See Indirect WBS 000 analysis above.

A variance of +\$3.9M exists between the indirect WBS 000 and the PBS allocations actual cost. This variance is the result of under liquidated indirect cost. This results from higher G&A generated by GPP/CENRTC and WFO. The current policy for allocating indirect cost is to charge a burden based on the approved G&A rate and either over or under liquidate the indirect WBS cost.

Variances in each PBS may be higher or lower than the composite variance as a result of the PRC accounting practice of distributing cost based on the Project's actual cost instead of the accounting practice of planning the BCWS distribution based on the Project's BCWS by each PBS.

Estimate at Completion (EAC)

The BAC and EAC now include FY2009 through FY2018, the PRC contract period. The variance between the EAC and the BAC reflects the impact of labor underrun in project support staff related to ARRA Ramp-up coupled with efficiencies in current workloads.

FY2011 FUNDS vs. SPEND FORECAST
(\$M)

WBS 000 Project Services and Support	FY2011		Variance
	Projected Funding	Spending Forecast	
ARRA	68.6	68.5	0.1
Base	<u>51.2</u>	<u>51.3</u>	<u>-0.2</u>
Total	119.8	119.9	-0.1
Communications and Outreach	2.4	2.4	
Safety, Health, Security and Quality	27.8	27.3	
Environmental Program and Strategic Planning	3.6	3.6	
Contract and Baseline Management	8.3	8.7	
Chief Financial Officer	79.9	80.1	
Engineering, Projects and Construction	8.6	8.6	
PS&S G&A Adder Offset	-10.8	-10.8	
<u>PBS Allocations</u> <u>(RL-0XX.99) Total</u>			
Base Total	51.2	51.3	-0.2
RL-11	4.3	4.4	
RL-12	9.7	9.7	
RL-13	10.2	10.1	
RL-30	18.7	18.6	
RL-40	2.2	2.1	
RL-41	5.9	6.3	
RL-42	0.1	0.1	
ARRA Total	68.6	68.5	0.1
RL-11	18.1	18.2	
RL-13	18.2	19.2	
RL-30	7.7	7.7	
RL-40	16.6	16.0	
RL-41	8.0	7.4	

Numbers are rounded to the nearest \$0.1M.

Funds Analysis

There were no funding changes made during the month of April. Fiscal Year 2011 total available funding remains at \$119.8M.

Baseline Change Requests

BCR-PRC-11-021R0, Transfer of Workforce Restructuring to ARRA Only

BCRA-000-11-002R0, PC&PI Functional Realignment

BCRA-PRC-11-033R0, Schedule Logic, Milestones and Other General Administrative Changes, April 2011

MAJOR ISSUES

None identified.

MILESTONE STATUS

None identified.

SELF-PERFORMED WORK

The Section H.20 clause entitled, "Self-Performed Work," is addressed in the Monthly Report Overview.

GOVERNMENT FURNISHED SERVICES AND INFORMATION (GFS/I)

None identified.