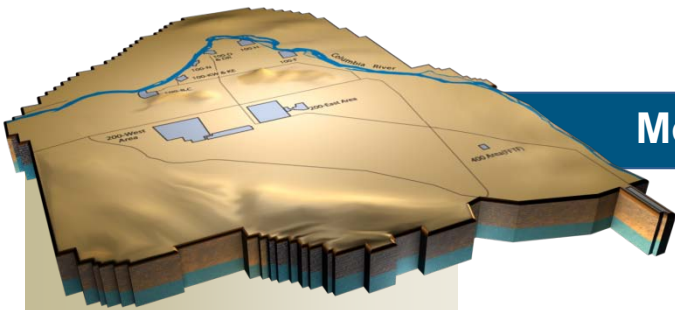


Appendix C

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	1	6	5/25 Employee declared sensitivity to the air freshener in the restroom and was taken to CSC as a precaution. 21991
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 May 18, with sponsorship provided by the CHPRC's SHS&Q organization. The three principal themes for the meeting were :
 - Electrical Safety Month
 - Bicycle Safety
 - Heat Stress Awareness
- Issued four Thinking Target Zero bulletins:
 - Chemical Management
 - Jacks
 - Stroke Awareness
 - Questioning Attitude
- Additional significant SHS&Q related program activities for the month included:
 - Occupational Safety and Industrial Hygiene (OS&IH) accomplishments:
 - In a special focus for safe work performance following the Memorial Weekend holiday, a safety return to work briefing was held in each project, with an emphasis on awareness of changing conditions, use of personal protective equipment (PPE), fall hazards, application of a questioning attitude, and summertime safety.
 - Publication of weekly Safety Tailgate communiqués covering relevant and timely topics:
 - ❖ electrical safety

- ❖ heat stress
 - ❖ emergency contact information
 - ❖ WOW safety observations
 - ❖ eye safety
 - ❖ Material Safety Data Sheets (MSDS)
 - ❖ management observations (MOP)
 - ❖ trending of issues
 - ❖ fall hazards
 - ❖ smoke-free workplace
 - ❖ lockout/tagout (LO/TO)
 - ❖ barbecue safety
 - ❖ safe use of jacks
 - ❖ portable ladder safety
 - ❖ stroke awareness
 - ❖ ride-sharing
 - ❖ 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, about 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 FY 2012; and the Employee Job Task Analysis, FY 2012. Work continues on the Excavation Safety enhancements, through the established committee.
 - OS&IH completed the final draft of a subcontractor safety and health pre-qualification and performance review process.
 - CHPRC actively participated in the 2011 Hanford Health and Safety EXPO, held on May 17 and 18; and the OSHA Voluntary Protection Program Participants' Association (VPPPA) Region X Conference held May 17 through May 19 in Portland, Oregon - delivering three informative worker safety-related presentations.
 - OS&IH developed and published a hazardous energy control management directive process for briefing senior management when a LO/TO performance issue occurs (PRC-MD-SH-40400, *Briefing Lockout/Tagout Issues and Events*), and revised PRC-PRO-SH-077, *Reporting, Investigating, and Managing Health, Safety and Property/Vehicle Events*, to incorporate the expectation for human performance reviews.
 - OS&IH enlisted the services of expertise from the CH2M Hill Denver Office to perform a review of injury reporting, recording, and case management.
 - Two additional Industrial Hygiene instrumentation core training classes were held for Industrial Hygiene Technicians and OS&IH staff.
 - Continued progress on Program development and corrective actions associated with the CHPRC Beryllium Characterization Project.
- Emergency Preparedness accomplishments:
 - Fifteen drills were performed in May; seven of which were operational drills.
 - Preparing for Plutonium Finishing Plant (PFP) Third Quarter RL Evaluated Exercise

- scheduled for June 16, 2011
- Received the TALON robot and readying equipment for deployment
 - Received the MOVERS radiological emergency response vehicle and readying for deployment
 - Submitted addendum to HNF-18077, Revision 3, *Solid Waste Operations*
 - Submitted *Complex (SWOC) Emergency Planning Hazards Assessment* to RL
 - Radiological Control accomplishments:
 - Issued revised PRC-PRO-RP-40109, *Radiological Work Planning*, to support Integrated Corrective Action Plan (ICAP) and Phase II Work Control implementation
 - Completed Radiological Technical Evaluation training for Project Health Physicists
 - Issued PRC-PRO-RP-40199, *Fixed Contamination Area*
 - Developed CHPRC radiological work planning tools to estimate airborne radioactivity and projected dose for a work evolution
 - Operations Program accomplishments:
 - Developed CHPRC Work Management requirements crosswalk to EM 22 and National Nuclear Security Administration (NNSA) Guide criteria and review approach document (CRAD)
 - Published PRC-MD-WKM-40376, *Phase Two Revised Work Management Process*
 - Reviewed and revised the Computer Based Training (CBT) for management on the revised work management process
 - Facilitated the Procedures Streamlining Process mapping (three meetings)
 - Conducted an Office of Civilian Radioactive Waste Management (OCRWM) Surveillance of Records Management
 - Drafted Energy Facility Contractors Group (EFCOG) paper on path forward for Work Management assessment strategy
 - Participated in an EFCOG Work Control sponsored assist visit to Los Alamos National Laboratory
 - Published ICAP related procedure updates including: PRC-PRO-WKM-12115, *Work Management*; PRC-GD-WKM-12116, *Work Planning Guide*; PRC-PRO-WKM-079, *Job Hazard Analysis*; PRC-PRO-WKM-14047, *Pre-Job Briefings and Post-Job Reviews*; PRC-PRO-RP-40109, *Radiological Work Planning*
 - Submitted changes to Hazard Review Board screening criteria form, short form to support program updates
 - Re-published Responsible Manager qualification cards with revised wording based on feedback from the projects
 - Completed Safety Management Program (SMP) work site assessments (WSA) PO-2011-WSA-9489, *Post Maintenance Testing*.
 - Continued efforts to identify the cause of false alarm problems with Canberra Continuous Area Monitors at PFP including weekly conference calls with Procurement and Canberra. A two week bench test is underway to determine if this corrected the false alarm problem.
 - Continued to work with W&FMP personnel to develop and post Crystal Reports for extracting data from Job Control System as well as support Scheduling and Work Release.
 - Deliverables prepared and transmitted to RL in May for Nuclear Safety include:

- Transportation Documents:
 - Email, *Contaminated Equipment (CE) Special Packaging Authorization (SPA) Shipment Evaluation Checklist (SEC) for PFP Gloveboxes from Interim Storage at SWOC to Perma-Fix Northwest (PFNW)*
 - Email, *Internal Securement for Boxes within Boxes with Vertical Bracing up to 10 feet in Height*
 - Letter, CHPRC-1101728A R1, dated May 3, 2011, *Impact Analysis for Contractor Requirements Document of DOE Order 420.1B Change 1 (Supplement Revision 0), "Facility Safety," Change Order Number 125*
 - Email, *CE-1 SEC for return of materials from PFNW*
 - Email, *CE-2 SEC for return of materials from PFNW*
 - Email, *CE-1 SEC for shipment of CWC boxes to PFNW*
 - Email, *Alternate configuration drum tiedown*
 - Letter, CHPRC-0802253 R1, dated May 5, 2011 *Reauthorization of One Time Request for Shipment of Two Multi-Canister Overpack Casks from K West Basin*
 - Letter, CHPRC-1102151, dated May 5, 2011, *Transmittal of HNF-5356, D&D Project: 100K Area Authorization Agreement, Revision 13*
 - Email, *CE-1 SEC for shipment of boxes from Waste Retrieval*
 - Email, *CE-SPA SEC for 8000-gallon liquid waste tank car*
 - Email, *Request for Reauthorization of OTRS for shipment of two MCO Casks from K West Basin*
 - Email, *Retrieval SPA (R-SPA) SEC for R-1 Payloads*
 - Email, *Internal Securement for Boxes within Top Loading IP-2*
 - Email, *Updated Drum Tiedown configuration*
 - Email, *Tiedown of concrete box 105*
 - Email, *R-SPA SEC for R-4 Payloads*
 - Email, *Updated Concrete Shielded Overpack (CSO) Tiedown*
 - Email, *Updated U Plant Tank D-10 Tiedown*
 - Email, *Updated U Plant Tank D-10 Fuel SPA SEC*
 - Email, *Tiedown of 5' x 5' x 9' boxes, single shipment*
 - Email, *High Dose IP-2 CE-SPA SEC*
- Documented Safety Analysis:
 - Letter, CHPRC-0802253 R1, dated May 5, 2011 *Reauthorization of One Time Request for Shipment of Two Multi-Canister Overpack Casks from K West Basin*
 - Letter, CHPRC-1102151, dated May 5, 2011, *Transmittal of HNF-5356, D&D Project: 100K Area Authorization Agreement, Revision 13*
 - Letter, CHPRC-1004243A R1, dated May 19, 2011, *Submittal of the CHPRC Safety Analysis and Risk Assessment Handbook, Revision 2*
 - Letter, CHPRC-1102232, dated May 20, 2011, *Transmittal of Cold Vacuum Drying Facility Final Safety Analysis Report of Closure of an Unreviewed Safety Question Evaluation Associated with Vehicular Traffic and Parking at the Cold Vacuum Drying*

Facility

- Documents Received from RL:
 - Letter, 11-SED-0016, dated May 9, 2011 *Internal Securement for Boxes With Vertical Bracing up to 36" in Height*
 - Email, *CE-SPA SEC for PFP Gloveboxes from Interim Storage at SWOC to Perma-Fix Northwest (PFNW)*
 - Email *CE-1 SEC for return of materials from PFNW*
 - Email, *Internal Securement for Boxes with Vertical Bracing up to 10' in Height*
 - Letter, 11-SED-0016, dated May 9, 2011, *Modification Requested for RBOX One-Time Request for Shipment (OTRS) Extension*
 - Letter, 11-SED-0107. Dated May 9, 2011, *Request for Concurrence to Substitute System Health Reports for Independent Assessments*
 - Email, *Modification of RBOX OTRS Extension*
 - Email, *R-SPA SEC for R-1 Payloads*
 - Letter, 11-SED-0106, dated May 17, 2011, *Annual Update to the Master Documented Safety Analysis (MDSA) for the Solid Waste Operations Complex (SWOC) HNF-14741, Revision 8, Technical Safety Requirements (TSR) for the SWOC, HNF15280, Revision 8, and the Unreviewed Safety Question (USQ) Evaluation Summary*
 - Letter, 11-SED-0099, dated May 17, 2011 *Approval of Justification for Continued Operation (JCO) for Operationally Clean Limitations Resultant from External Review Findings, CHPRC-01203, Revision 0*
 - Letter, 11-SED-0113, dated May 17, 2011 *Evaluation of Safety of the Situation (ESS) for the Waste Encapsulation and Storage Facility (WESF) Heavy Load Drop into Pool Cell with Loss of Pool Cell Cooling*
 - Email, *Internal Securement for Boxes within Top Loading IP-2*
 - Letter, 11-SED-0038, dated May 20, 2011, *Notification of Impact Regarding Issuance of Revision 1-D to the Hanford Sitewide Transportation Safety Document (TSD) [DOE/RL-2001-0036]*
 - Email, *Alternate Configuration Drum Tiedown*
 - Email *Updated Drum Tiedown Configuration*
 - Email, *Tiedown of Concrete Box 105*
 - Email, *Tiedown of 5' x 5' x 9' Boxes, Single Shipment*
 - Email, *CSO Tiedown*
- o Quality and Performance Assurance accomplishments:
 - Performed 57 self-assessments across CHPRC in May
 - The quarterly startup notification report was transmitted to RL on June 1, 2011. The D-10 tank removal Joint Evaluation Team will be held following evaluation and resolution of comments to the Technical Description and Level of Review Score Sheet documents.
 - Annual update of PRC-MP-QA-599, *Quality Assurance Program*, has been completed, issues identified by the RL review have been resolved and approval of the document is pending.
- o Integration and Improvement Management accomplishments:

- To date 72 of 84 ICAP actions have been completed. RL has reviewed and accepted approximately 82 percent of the closures.
- The overall Closure Review Worksheet score for Condition Reports closed in April was 96 percent.
- The program Corrective Action Review Board met in May and selected CR-2011-1283, *Errors Identified in External Dosimetry Investigation Report*, for cause evaluation and corrective action plan review.
- CHPRC completed the Effectiveness Review of the issues management actions from the ICAP, one of four focus area from the joint CHPRC-RL improvement plan. The review was led by a CH2M HILL corporate manager and CHPRC team members with RL oversight and participation. In an outbrief, the team provided extremely positive feedback and noted significant program improvement over the previous six months. Senior management, managers, supervisors, and workers exhibited the tools, training, and understanding necessary to effectively implement the issues management program. The systems, process, and procedural improvements in place allow for successful implementation now and support continuous improvement in the future. Managers are aware of, and using, performance measures as tools to manage their involvement in the issues management program and had established issues management as “core business” for CHPRC. The team stated that, with continued vigilance and focus, the CHPRC issues management program will continue to be successful.
- Status of SHS&Q Performance Indicator Trend Analysis:
 - **Issue:** Beryllium program assessment findings from U. S. Department of Energy, Headquarters, Office of Safety, Health and 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, radiological control in PFP, and LO/TO.
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: 72 of 84 actions completed; RL has verified 82 percent for closure.
Action: Continue ICAP actions.
 - **Issue:** Transfer of Radiological Site Services from PNNL to MSA.
Status: RL has targeted October 2012 for transfer.
Action: CHPRC will revise statements of work and internal procedures to support this transfer.
 - **Issue:** Issuance of new DOE O 458.1, *Radiation Protection of the Public and the Environment*, without implementation guide.
Status: Developing Environmental Radiation Protection Plan (ERPP) to meet August 2012 date; RL to include in J.2 attachment of PRC contract.
Action: Awaiting DOE implementation guide.

Environmental Program and Strategic Planning (EP&SP)

Environmental Management System (EMS)

- All EMS Objectives and Targets are on, or ahead of schedule.

Compliance Inspections and Reviews

- PFP Underground Storage Tank: The Yakima Office of the Washington State Department of Ecology requested photographs documenting the removal of the 2721-2 underground storage tank at PFP. The photographs were provided and no concerns or issues were noted.
- Waste Receiving and Processing Facility (WRAP) Container Leak: Met with the Washington State Department of Ecology to continue discussion and answer questions in regard to the leaking container discovered at the 2404WB building.
- National Pollutant Discharge Elimination System (NPDES) Permit Terminated: Received approval from EPA Region 10 for termination of NPDES Permit Number WA-002591-7, due to the permanent cessation of wastewater discharge to the Columbia River at 100K, effective June 1, 2011. This marks the end of Hanford wastewater discharge to the Columbia River which began in the 1940s.
- WRAP Radiological Inventory Compliance: Modified an emission factor used to estimate radionuclides in storage. This included the development of ALARA and Compliance Plan which were approved by the regulatory agencies.
- Hanford Site-Wide Permit Support: Working jointly with W&FMP, prepared and provided numerous documents in support of the Ecology Resource Conservation and Recovery Act of 1976 (RCRA) Site-wide permit renewal effort. EP&SP is preparing for expedited draft permit condition review and comment efforts when the permit is issued this summer.
- Air Operating Permit Certification: Provided certification for the Hanford Site Air Operating Permit renewal application for submittal to RL on May 26.

Risk Integration

- ERDF Performance Assessment: Met with Tank Closure and Waste Management Environmental Impact Statement to share the ERDF PA modeling general approach, identify departures from the EIS model, and establish rationale for further analyses.
- Waste Management Area C Performance Assessment: A presentation was made by the Risk and Modeling Integration organization on May 26th in support of Washington River Protection Solutions (WRPS) for the Waste Management Area C PA scoping effort. Topics included: modeling software configuration management, modeling quality assurance and the extent of STOMP validation, verification and benchmarking.

Business Services

- The 2011 Inventory of Sensitive Property and Equipment continued and is on schedule for completion in July. There are 6,879 items to be inventoried valued at \$124M. To date, 6,272 (or 91 percent) of the items have been accounted for. There have been no reported losses.
- Facilities and Property Management has developed a detailed schedule for the removal and return of ARRA leased mobile offices. The first group of units located at 4th and Baltimore in 200E is scheduled for initial preparation for return in late June, to be followed by units at the 284E Powerhouse and the 209E D&D site. The balance of units will be scheduled for removal following work force restructuring.
- The procurement group awarded 77 new contracts with a total value of \$5.1M, amended 325 existing contracts with a total value of \$5.4M, and awarded 443 new purchase orders valued at \$2.0M to support Base/ARRA acceleration objectives.
- As measured at the end of the first 32 months, procurement volume has been significant; \$1.71B in contract activity has been recorded with approximately 49 percent or \$839M in awards to small

businesses. ARRA funded activity totals 43 percent or \$733M of the grand total. This includes 5,092 contract releases, 9,395 purchase orders, and over 166,000 P-Card transactions.

- November 2010 P-Card file documentation has been reviewed, scanned, and uploaded into the Integrated Document Management System (IDMS). December data has been reviewed. Also began reviewing files for January through March 2011.
- Provided PassPort Design Authority (DA) Training to four Groundwater DAs and one K-West DA and provided PassPort Refresher and new Asset Suite review for the Groundwater Facility Spares Representative.
- Worked with MSA to determine Building 437, which is listed as demolished, is in use by the Sludge Treatment Project. A number of spare parts and convenience storage items are assigned to this building.
- Assisted the Waste Receiving and Processing Facility (WRAP) DA in procuring a 50 horsepower motor from MSA Convenience Storage. This motor had been marked for deletion and added to an MSA Declaration of Excess. The motor was recalled and placed into service for WRAP.
- Spare Parts Subject Matter Expert (SME) conducted beta testing on PassPort's Asset Suite, which goes into production in June.
- Provided P-Card data reports to CHPRC Environmental as part of the annual reporting to RL.

Prime Contract and Project Integration

- Completed the KPMG audits of change proposals responding to change orders #54 (Modification 95 – Implementation of Tri-Party Agreement Changes) and #114 (100-HX Pump and Treat System). Change Management was responsible for developing and providing responses to the associated findings and the required management representation letters.
- Working with the associated projects, initiated preparation of detailed responses to the findings associated with the RL sponsored KPMG audits of change orders #9 (Sludge Treatment Project) and #30 (200-ZP-1 Operable Unit Operations and Maintenance). Resolution of these findings is required to enable finalization of the negotiations and closure on these change orders. Responses are to be formally provided to RL by June 30, 2011.
- Contract Compliance and Change Management and project representatives met with RL to hold technical discussions in support of negotiations to definitize open PBS RL-040 change orders #89 (Asbestos Abatement {56 locations}), #119 (Water Tower Demolition), #122 (Outer Zone RTD), and #123 (Dispose of Locomotive and Railcars) and PBS RL-013 change order #69 (WESF Ventilation Upgrade {design only}).
- Met with RL to review the final draft and recommended corrective actions for the management assessment of the change management processes and deliverables. The draft report was modified to address RL feedback and prepared for final issuance. The final report will be issued in June and the follow-up actions entered into the Condition Reporting and Resolution System (CRRS) to facilitate tracking to completion.
- During May, Contract Compliance received and processed five contract modifications (numbers 156, 158, 163, 166, and 167) from RL. The Correspondence Review Team reviewed and determined the distribution for 43 incoming letters and the Contract Compliance Manager reviewed 54 outgoing correspondence packages.
- Contract Compliance and Change Management, Finance, and Procurement completed and submitted to RL on May 20, 2011 current FY 2011 labor rates, including ICWEA corporate support and each subcontractor with ten or more employees. These rates are being used by to prepare cost estimates.
- Continued the tasks associated with implementation of the Timberline estimating software, including documentation of steps required for implementation, identification and creation of standard templates for repetitive site work, and software training for cost estimating staff.

- A representative of Contract Compliance and Change Management participated in the May 25 and 26, 2011 Cost Estimating and Training Symposium sponsored by the DOE Office of Engineering and Construction Management.
- Drafted a revision to the CHPRC Project Execution Plan to reflect organizational changes and to better explain how contract changes are managed
- Assisted projects in finalizing the CD4 completion documentation for RL30.R1.1, KPP 3
- Drafted a desk instruction for the establishment and utilization of management reserve
- Submitted a Draft document “*Inventory Date Package for ERDF Waste Disposal*” to Washington Closure Hanford for review
- Reviewed fire systems maintenance scope of work in the MSA prime contract and worked with MSA to resolve dispute on who pays for fire extinguisher maintenance
- Modified the Service Level Agreement (SLA) with ATL to remove the unfunded scope of work from the S&GRP section of the SLA
- Worked with MSA Fleet Management and agreed to a time/cost savings change in the delivery of Government Services Agency vehicles
- Modified the Memorandum of Agreement between CHPRC and CSC to reflect the new company name and corrected points of contact
- Worked with MSA to expedite the process of hiring temporary riggers to support project needs through the rest of the fiscal year
- Worked with MSA and the projects to provide input to the Central Plateau Area Management Plan
- Completed the reviews and approval of a modification to the 200 Area Treated Effluent Disposal Facility Interface Control Document
- Developed a template for use by MSA in support of forecast of services for the out years in the Infrastructure Services Alignment Plan (ISAP)

Engineering, Projects and Construction (EPC)

- Central Engineering (CE) assisted with resolution of the low compressive strength test results of the grout placed in the U Canyon Northern Electrical and Piping Galleries (Specified Grout is for 1,500 pounds per square inch (psi), average compressive test results were 1,070 psi).
- CE travelled to Knox, IN in support of the 200 West Pump-and-Treat Project. Subcontractor work on the Vapor Phase Granular Activated Carbon (VPGAC) Roll-Off Containers had been put on hold pending resolution of welding issues. CE met with the subcontractor to review the issues, assess subcontractor capabilities, and identify a path forward to allow container fabrication to resume.
- At the request of the Office of Engineering and Construction Management (OECM), CE moderated a panel on Design Maturity for Capital Projects at the OECM Cost Symposium, part of the DOE Chief Financial Officer Conference.
- CE reviewed the technical evaluation document (PRC-PRO-EN-24208, *High-Efficiency Particulate Air (HEPA) Filter Degradation Evaluation Process*) that provides justification for the continued use of the HEPA filters at WRAP, at T Plant, and in the Waste Encapsulation and Storage Facility’s K3 confinement ventilation system. The technical evaluation documents for the WRAP and T Plant filters were approved and documentation forwarded to RL. The technical evaluation document is planned to be submitted to RL for concurrence in July.
- CE presented information on lessons learned from the Mixed Oxide Peer Review conducted in March 2011, DOE Order 413.3B training options, and a discussion of required design maturity levels as a part of the Energy Facility Contractors Group Project Management Working Group. CE was also assigned to complete a white paper outlining innovative acquisition strategies for projects, with

respect to contract type and phasing.

- CE checked the calculation (PRC-STP-CN-C-00428, R0) that verifies the structural adequacy of the existing KW Basin concrete floor. The calculation supports the installation of the Sludge Treatment Project Engineered Container Retrieval and Transfer System new Ingress/Egress Transfer System Pipe Assembly. The calculation was prepared by STP, checked and reviewed by CE Engineers.
- CE evaluated electrical code compliance questions for 200W Pump-and-Treat and prepared suggested closure actions. Recommendations were made to the National Electrical Code Inspector and responsible construction management personnel.
- CE responded to D&D corrective action # CR-2011-1183 regarding the worker who stepped through the ceiling in 284W Power House. CE conducted an assessment of the adequacy of the CHPRC process used to document engineering design and inspection and working at elevated heights (CHPRC Administrative Procedures PRC-PRO-EN-097, PRC-PRO-SH-10321, and PRC-RD-SH-8801). A determination was made that directions for the design and performance process are clearly defined and do not require revision.
- CE is participating with the 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. A draft document was presented to the DNSFB for review and comments.
- CE continues to serve on the Management Assessment Team for the U Canyon Northern Electrical and Piping Galleries and the Canyon Cells Grouting. The grouting for the Electrical and Piping galleries is completed and an assessment plan for the grouting of the cells is being developed.

Communications

- Public Involvement:
 - Coordinated the 200-PW-1, 200-PW-3, 200-PW-6, and 200-CW-5 Operable Units Proposed Plan presentation to the Hanford Advisory Board (HAB) River and Plateau Committee
 - Continued development of presentation and outreach materials to support the June 7, 2011 Deep Vadose Zone Technology Information Exchange
 - Continued providing support in the preparation of public information materials for the impending Nonradioactive Dangerous Waste Landfill/Solid Waste Landfill Environmental Assessment public comment period
 - Drafted a fact sheet for the upcoming public comment period on the Proposed Plan for the Remediation of 200-UP-1 Operable Unit
 - Provided CHPRC project accomplishment input for the RL update to the HAB
- Media Relations
 - Produced and issued press releases, and provided supporting photos, on delivery of locomotives to B Reactor
 - Developed press release on grouting of U Canyon process cells
 - Publicized Transuranic (TRU) Waste shipments beating Tri-Party Agreement deadlines for removing waste to WIPP. The news was covered in the *Tri City Herald*, *Associated Press*, *Weapons Complex Monitor* and *Waste & Recycling News* magazine and website.
 - Collaborated with RL public affairs on a news release announcing CHPRC soil and groundwater exceeding RL goals for drilling wells on the Hanford Site. The release prompted news coverage in the *Tri City Herald* and *Associated Press*.
 - Collaborated with RL public affairs on a news release announcing TRU waste shipments

exceeding the Tri-Party Agreement Milestone for shipping 1,000 cubic meters of TRU waste four months ahead of schedule

- Tours
 - Continued coordinating the 100K Area portion of the 2011 Hanford Public Tours
 - Provided tour support for the Hanford Communities tour of TRU trenches and PFP
 - Hosted the Washington State University Foundation, providing an overview of Hanford, prior to the scheduled tour of Hanford
 - Supported EPA Region 10 Administrator's tour of 200 West Pump-and-Treat
 - Supported preparation for Leadership Tri Cities tour of 100 K Area
- Internal Communications
 - Continued rolling out the Workforce Restructuring Communication Plan on the Self-Select Program. Wrote and sent the Human Resources Self-Select Reminder, All Employee Message.
 - Continued rolling out Environmental Management System (EMS) Communications campaign to meet company targets and objectives
 - Reviewed three abstracts for presentation at the RL Integrated Safety Management Champions Symposium
 - Provided communications support for rolling out the new CHPRC Team Employee Incentive Program
 - Updated the S&GRP intranet site
 - Produced weekly internal D&D Project bulletins and biweekly safety posters promoting the "EZAC Safety Challenge" between projects. The campaign has been successful; participation in the challenge is rising rapidly and project safety statistics are also improving.
 - Developed and implemented a communications plan to announce the extension of the PFP Key Performance Parameters schedule

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	9.6	9.6	8.2	0.0	0.0	1.3	14.0	958.3
Communications	0.2	0.2	0.2					14.6
Safety, Health, Security and Quality	1.4	1.4	2.3					104.5
Environmental Program and Strategic Planning	0.3	0.3	0.3					25.0
Prime Contract and Project Integration	0.8	0.8	0.7					53.1
Business Services	6.8	6.8	6.0					755.9
Engineering, Projects and Construction	0.5	0.5	0.7					35.6
PS&S G&A Adder Offset	(0.4)	(0.4)	(1.9)					(30.4)
<u>PBS Allocations</u> (RL-0XX.99) Total	9.1	9.1	8.0	0.0	0.0	1.2	13.0	958.3
Base Total	3.6	3.6	3.7					800.6
RL-11	0.2	0.2	0.3					44.6
RL-12	0.9	0.9	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	5.6	5.6	4.3					157.7
RL-11	1.5	1.5	1.2					40.9
RL-13	1.4	1.4	1.3					36.9
RL-30	0.5	0.5	0.2					16.5
RL-40	1.5	1.5	1.1					38.3
RL-41	0.6	0.6	0.4					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: (+\$1.3M/+14.0%)

The variance is primarily due to higher than planned G&A from GPP/CENRTC projects (+\$1.5M), lower FY2011 pension plan contribution (+\$0.4M), disallowed Home Office costs (+\$0.2M), and retiree insurance premium (+\$0.1M); offset by 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 (-\$0.9M).

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 +\$0.3M exists between the indirect WBS 000 and the PBS allocations actual cost. This variance is the result of over 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	280.5	280.2	258.1	(0.3)	-0.1	22.1	7.9	958.3
Communications	6.1	6.1	5.7					14.6
Safety, Health, Security and Quality	47.8	47.5	52.3					104.5
Environmental Program and Strategic Planning	9.1	9.1	8.6					25.0
Prime Contract and Project Integration	25.0	25.0	21.9					53.1
Business Services	200.6	200.6	181.7					755.9
Engineering, Projects and Construction	16.5	16.5	15.5					35.6
PS&S G&A Adder Offset	(24.7)	(24.7)	(27.5)					(30.4)
<u>PBS Allocations (RL-0XX.99) Total</u>	278.4	278.4	263.9	0.0	0.0	24.5	8.8	958.3
Base Total	146.4	146.4	141.7					800.6
RL-11	20.3	20.3	19.7					44.6
RL-12	26.3	26.3	25.7					87.5
RL-13	39.5	39.5	37.2					265.8
RL-30	42.0	42.0	44.1					179.1
RL-40	8.5	8.5	6.8					156.8
RL-41	8.2	8.2	6.8					62.8
RL-42	1.5	1.5	1.4					4.0
ARRA Total	132.0	132.0	112.2					157.7
RL-11	31.8	31.8	27.3					40.9
RL-13	30.4	30.4	27.7					36.9
RL-30	14.4	14.4	12.4					16.5
RL-40	33.5	33.5	25.7					28.3
RL-41	21.9	21.9	19.2					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: (+\$22.1M/+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 \$3.8M is primarily due to higher G&A from GPP/CENRTC projects (+\$7.4M), lower pension plan contribution (+\$3.2M), and lower retiree insurance premiums (+\$1.0M). This is offset by increased staffing to support safety and work control programs, increased beryllium program costs, cost of radiation protection program equipment (-\$7.0M), and increased construction program support due to higher FY2011 construction activity (-\$0.8M).

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	66.1	1.0
Base	<u>51.2</u>	<u>50.1</u>	<u>2.5</u>
Total	119.8	119.9	3.5
Communications	2.4	2.4	
Safety, Health, Security and Quality	27.8	27.0	
Environmental Program and Strategic Planning	3.6	3.6	
Prime Contract and Project Integration	8.3	9.0	
Business Services	79.8	79.1	
Engineering, Projects and Construction	8.6	8.6	
PS&S G&A Adder Offset	(10.8)	(13.5)	
<u>PBS Allocations</u> <u>(RL-0XX.99) Total</u>			
Base Total	51.2	50.1	1.0
RL-11	4.3	4.4	
RL-12	9.7	9.5	
RL-13	10.2	10.0	
RL-30	18.7	18.0	
RL-40	2.2	2.1	
RL-41	5.9	6.0	
RL-42	0.1	0.1	
ARRA Total	68.6	66.1	2.5
RL-11	18.1	17.6	
RL-13	18.2	18.6	
RL-30	7.7	7.4	
RL-40	16.6	15.5	
RL-41	8.0	7.0	

Numbers are rounded to the nearest \$0.1M.

Funds Analysis

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

Baseline Change Requests

BCRA-PRC-11-001R0, General Administrative Changes for May 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.