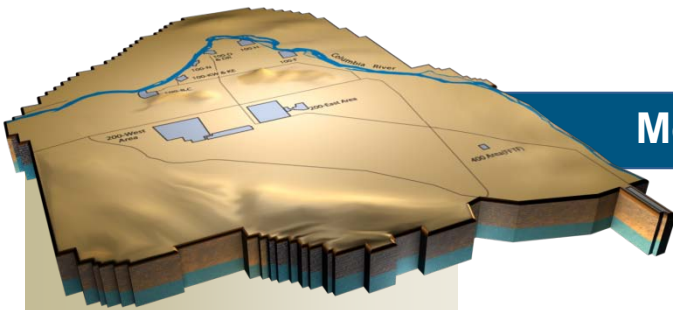


Appendix C

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



Monthly Performance Report

T. L. Vaughn
Vice President for
Safety, Health, Security
and Quality

K. A. Dorr
Vice President for
Engineering, Projects
and Construction

M. N. Jaraysi
Vice President for
Environmental Program and
Strategic Planning

K. G. Tebrugge
Director of
Communications and
Outreach

February 2011
CHPRC-2011-02, Rev. 0
Contract DE-AC06-08RL14788
Deliverable C.3.1.3.1 - 1

D. B. Cartmell
Vice President for
Business Services and
Project Controls

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	4	N/A
Near-Misses	0	0	N/A

KEY ACCOMPLISHMENTS

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

- The monthly President's Zero Accident Council meeting was held on February 16, with sponsorship provided by the CHPRC Deactivation and Decommissioning Project. The three principal themes for the meeting were:
 - Focus on Heart Health Month
 - Securing materials outdoors during windy conditions
 - Bio-based products – healthy for self and environment
- One employee of CHPRC was presented with recognition for their selfless response in coming to the aid of individuals
- Issued four Thinking Target Zero bulletins:
 - Ground Fault Circuit Interrupters
 - ISMS/EMS Expectations - Employees
 - ISMS/EMS Expectations – Supervisors/Managers
 - ISMS/EMS Expectations – Senior Management
- Issued two Special Safety Bulletins:
 - Rotating Equipment Hazards
 - Hanta Virus
- 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:

1. Safety responsibilities
 2. Pushing posture
 3. OSHA's Top Ten
 4. Training and medical qualifications
 5. Musculoskeletal disorders
 6. High blood pressure
 7. Fatigue
 8. Beryllium
 9. Voluntary Protection Program (VPP)
 10. Personal Protective Equipment (PPE)
 11. Injury and close call weekly summaries
- Revision to the Automated Job Hazard Analysis hazard and control screens in the Hoisting and Rigging topical area commenced, to better support requirements expectations based on implementation of the November 2010 OSHA Rule for Cranes and Derricks in Construction (29 CFR 1926 Subpart CC)
 - OS&IH Staff completed revisions to the following Level 1 and 2 Procedures: *Equipment Operation Near Overhead Electrical Lines, Occupational Medical Qualification and Monitoring, Personal Protection (PPE), and Fall Protection Routine*
 - Active participation in the Site Wide (multi-contractor) Excavation Safety Committee. In addition, the Hanford Site Confined Spaces Program Committee reconvened to develop an integrated implementation schedule following DOE and multi-contractor approval of the Program Standard
 - Supported Buyer Technical Representative (BTR) enhancements by assisting in presentation of enhanced BTR class and communication of chemical management in a BTR bulletin for the contracts organization
 - Conducted strategic planning sessions in preparation for CHPRC's hosting of the DOE/HQ Formal VPP Onsite Review, scheduled for March. A related employee awareness campaign and communications continued during the month.
 - Provided representation for the DOE-HQ Formal VPP Onsite Review of the Savannah River Site
 - Review and evaluation of the subcontractor prequalification process commenced, with the purpose of enhancing roles and responsibilities and collection and use of the information collected
 - As a result of a series of occurrences in CY2010, in which CHPRC declared a recurring negative adverse trend related to Lockout/Tagout-related events, OS&IH participated in a causal analysis to identify root cause(s) and define an action plan to reduce the probability for recurrence
 - Started initial planning for participation in the 2011 Hanford Health and Safety EXPO
 - Continued work on the CHPRC and Site Wide Industrial Hygiene (IH) databases, with a focus on Lab data and bulk sample uploads, generation of Employee Notification letters, revising of the IH Monitoring, Reporting and Records Management document to support implementation, and participation on the Site Wide committee
 - OS&IH worked on development of the Industrial Hygiene Beryllium Training Program Description, and completed the final draft

- Continued with program development, sampling, and corrective actions associated with the CHPRC Beryllium Characterization Project
- Emergency Preparedness accomplishments:
 - Sixteen drills were performed in February; five of which were operational drills
 - Completed second quarter management self-assessment EP-11-MA-9412
 - Readying T-Plant for 2nd Quarter Limited DOE Evaluated Exercise scheduled for March 17, 2011
 - Briefed Facility Emergency Response Organization personnel on Hanford Fire D incident command response protocols and performed follow-up drills to demonstrate an understanding of the process
- Radiological Control accomplishments:
 - Second month of new PFP dosimetry process shows marked improvement in exchange problems
 - Procedure updates completed involving the revised work management process
 - Working to improve availability and techniques involving use of ventilation as an engineered control
 - Radiological counting facility has begun analyzing a multitude of samples from around the site
- Operations Program accomplishments:
 - Issued PRC-MD-40352 Rev. 2-0 Phase One implementation of Revised Work Management Process for scope addition of U Canyon
 - Issued the following procedure updates to support addition of U Canyon as well as incorporation of updates from Phase I feedback:
 - KDD-PRO-WKM-12115, Rev. 1-0 , *D&D Project Work Management*
 - KDD-PRO-WKM-12116, Rev. 0-1, *D&D Project Work Planning Guide*
 - KDD-PRO-WKM-079, Rev. 0-1, *D&D Project Hazard Analysis*
 - KDD-PRO-RP-40109, *100K Radiological Work Planning*
 - Conducted RM training class #600029 and Gap training class #600027 for the U canyon participants added to Phase I
 - Continued monitoring mentoring Phase I implementation at 100K and U Canyon
 - Completed development and submission of the CHPRC impact analysis for DOE O 422.1, Conduct of Operations, implementation, including estimated cost of the schedule
 - Supported completion and approval of the Integrated Corrective Action Plan
 - Continued actions to change process for record storage of hard copy JCS Work Packages from Records Holding to scanned electronic images stored in records area of IDMS
Completed Records Inventory Disposition update and established records area within IDMS
 - Conducted Work Site Assessment PO-2011-WSA-9492 on implementation of the Work Control process across all projects
 - Conducted several AJHA courses supporting general users, facility administrators, RadCon screeners, BTRs and procedure writers
- Deliverables prepared and transmitted to RL in February for Nuclear Safety include:
 - Transportation Documents:

- Email, *Internal Securement Plan for Short Culverts*
- Email, *3-Well Railcar Tiedown*
- Email, *Contaminated Equipment (CE) Special Packaging Authorization (SPA) Shipment Evaluation Checklist (SEC) for 209E Revision for different taping technique*
- Email, *CE-SPA SEC for 3-Well Railcar*
- Letter, CHPRC, dated February 25, 2011, *Request for Approval of the Package-Specific Safety Document for Steel Drums, CHPRC-01039, Revision 1*
- Documented Safety Analysis:
 - Letter, CHPRC-1004555, dated February 1, 2011, *Transmittal of the Annual Update to the Master Documented Safety Analysis (MDSA) for the Solid Waste Operations Complex (SWOC) HNF-14741, Revision 8, The Technical Safety Requirements (TSR) for the Solid Waste Operations Complex, HNF-15280, and the Unreviewed Safety Question Evaluation Summary*
 - Letter, CHPRC-1100563, dated February 2, 2011, *Equivalency Request for Flushing of Pipe at the 100K Water Treatment Facility*
 - Letter, CHPRC-1100300, dated February 2, 2011, *Submittal of Annual Update to the 105-KW Basin Safety Basis Documents*
 - Letter, CHPRC-1100594, dated February 7, 2011, *Initial Response for the Environmental Management Specific Administrative Control Assessment*
 - Letter, CHPRC-1100720, dated February 8, 2011, *Equivalency Request for Fire Protection Provisions Protecting the Waste Encapsulation and Storage Facility Exhaust High-Efficiency Particulate Air Filters*
 - Letter, CHPRC-1100829, dated February 15, 2011, *Applicability of Letter 08-SED-0103 to CHPRC*
 - Letter, CHPRC-1100438, dated February 15, 2011, *Transmittal of the Evaluation of Safety of the Situation for the Waste Encapsulation and Storage Facility Heavy Load Drop into Pool Cell with Loss of Pool Cell Cooling*
 - Letter, CHPRC-100913A R1, dated February 23, 2011, *Transmittal of PRC-PRO-NS-062, Revision 1, Unreviewed Safety Question Process, for Review and Approval*
 - Letter, CHPRC-1100999, dated February 24, 2011, *Annual Summary of Fire and Other Property Damage Experienced – Calendar Year 2010*
 - Letter, CHPRC-1100979, dated February 25, 2011, *Approval of Proposed Plutonium Finishing Plant Changes to 291-Z Building Fire Protection System and Clarification of Technical Safety Requirements for Fire Protection Surveillance Frequency*
 - Letter, CHPRC-1100861, dated February 28, 2011, *CHPRC Transmittal of Justification for Continued Operations – Operationally Clean Limitations Resultant from External Review Findings*
- Documents Received from RL:
 - Letter, 11-SES-0051, dated February 2, 2011, *Approval of the Canister Storage Building Emergency Planning Hazards Assessment, HNF-6025, Revision 1*
 - Letter, 11-SED-0050, dated February 14, 2011, *U.S. Department of Energy Office of Standards and Quality Assurance Assessment Report on Specific Administrative Control (SAC) Implementation*

- Email, *Standard Waste Box Generic Tiedown*
- Email, Internal Securement Plan for Short Culverts
- Letter, 11-SED-0061, dated February 16, 2011, *Response to CH2M HILL Plateau Remediation Company (CHPRC) Transmittal of Justification for Continued Operation (JCO) – Management Assessment of 242-Z Peripheral Confinement Barrier*
- Email, *CE-SPA SEC Revision for different taping technique*
- Letter, 11-SED-0057, dated February 17, 2011, *Request for Extension of Transportation Safety Pipe Overpack Container (POC) Safety Analysis Report, HNF-6807*
- Letter, 11-SED-0060, dated February 17, 2011, *Equivalency Request for Means of Egress for the Engineered Container Retrieval and Transfer System Testing Mezzanine in the Materials and Storage Facility*
- Letter, 11-SED-0063, dated February 17, 2011, *Equivalency Request for Flushing of Pipe at the 100K Water Treatment Facility (WTF)*
- Email, *Revised CE-SPA SEC for CE-2 Payloads to Perma-Fix Northwest*
- Quality and Performance Assurance accomplishments:
 - Performed 41 self-assessments in February
 - U-Canyon D-10 Tank Removal Level of Review Score Sheet and Technical Description were reviewed and referred to senior management for a formal Joint Evaluation Team review
- Integration and Improvement Management accomplishments:
 - Enhanced the new Dashboard Performance Metrics with sections to cover Performance Improvement Focus Areas, Positive Performance Change, and a Watch List to highlight areas worthy of continued attention. Presented the changes to the Executive Safety Review Board. The focus of the metrics will be on Management Systems, Performance Objectives, Measures, and Commitments, and Continuous Improvement.
 - On-going training is being conducted for Responsible Manager training (Course # 600082) and CHPRC Cause Evaluator training (course 600081) for all the CHPRC Projects and Programs.
- Status of SHS&Q Performance Indicator Trend Analysis:
 - **Issue:** CHPRC Failure to Meet Minimum Safety Performance Requirements.
Status: One open action (Effectiveness Review scheduled for March 2011 completion).
Action: Complete the Effectiveness Review as scheduled.
 - **Issue:** Beryllium program assessment findings from Health Safety & Security Independent Oversight Inspection report.
Status: Supported development of site Beryllium corrective action plan (CAP) with RL, ORP, and site contractors.
Action: Implementing CHPRC actions and supporting site-wide actions per the approved CAP.
 - **Issue:** RL Corrective Action Management Core Surveillance identified needed improvement in performance.
Status: Six actions remaining. (Additional actions added to support integrated corrective action plan.)
Action: Continue to complete actions as scheduled.

- **Issue:** Performance Trends require further evaluation; lock out/tag out issues, industrial operations, work management, radiological control, fire protection, and subcontractor flow down requirements.
Status: Working with RL points of contact for resolution.
Action: Develop corrective actions as needed.
- **Issue:** Vehicle Safety performance has shown an improving trend.
Status: Site wide corrective actions are on schedule.
Action: Continued workforce focus; new spotter training is underway.
- **Issue:** Transportation Documented Safety Analysis requires updating to support on-site transportation activities.
Status: Developed corrective action plan.
Action: Actions on schedule.

Environmental Program and Strategic Planning (EP&SP)

Environmental Management System

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

Compliance Inspections and Reviews

- On February 16, 2011, the Washington State Department of Health conducted an inspection of the major stack at the Waste Receiving and Processing Facility to evaluate compliance with requirements of the license for the unit. No issues or concerns were raised.
- Submitted whitepaper to disposition LLBG Green Islands.
- Worked with projects in support of the demolition of the river intake structures at 100K. Comments from the regulatory agencies and stakeholders were addressed and challenges met in the areas of cultural resource issues, Bald Eagle monitoring, and placement of silt curtains in the Columbia River.
- Environmental Compliance Officers developed a plan for transferring water in the 183-KE Sedimentation Basins to the monitored outfall in preparation for demolition of the structures.
- Submitted requested supplemental information for the Resource Conservation and Recovery Act of 1976 final status permitting of Solid Waste Operations Complex Temporary storage and disposal units to Ecology.
- The M-016-140 milestone dispute was resolved with agreement by RL to submit plans regarding sludge treatment and packaging. Support will be provided to the Sludge Treatment Project (STP) in drafting of the required Remedial Design/Remedial Action Work Plan (RD/RAWP) to complete this milestone, including preparation of draft Tri-Party Agreement change requests proposing new implementation milestones.

Environmental Review and Quality Assurance Surveillances Completed:

- Completed coordination and submittal of EP&SP document reviews and consolidated responses for six environmental documents EP&SP-2011-SURV-10476 –Review Measuring & Testing Equipment (M&TE) Calibration at SGRP Pump-and-Treat – Resulted in one opportunity for improvement (OFI).
- EP&SP-2011-SURV-10449–Periodic confirmatory measurements of minor sources of radionuclide emissions at W&FM – Resulted in one finding and two OFIs.
- EP&SP-2011-SURV-10417 – M&TE Calibration at PFP – Resulted in one finding.

Management Assessments Completed:

- EP&SP-2001-MA-9499 – Review of Toxic Substance Control Act Polychlorinated biphenyls resulted in five findings and four OFIs.

Strategic Planning:

- Prepared summary information on source terms in support of the Environmental Restoration Disposal Facility (ERDF) Performance Assessment. A draft inventory data package for ERDF waste disposal is being prepared for WCH. An initial draft is planned for the end of March 2011.

Business Services

- Approved and implemented four baseline change requests, of which two were administrative in nature, and did not change budget, schedule or scope.
- Overall the contract period PMB budget was increased \$26.2 million in February 2011. Management reserve is used in the amount of \$2.6 million as follows: (1) \$2 million for RL-0013 TRU Retrieval due to increased retrieval costs arising from the degradation of waste containers. This is a realization of risks WSD-007, CH-TRU Retrieval Complexities, and WSD-013A, TRU Waste Volumes or Characteristics – Retrieval. Both of these risks address cost and/or schedule impacts resulting from container degradation; and, (2) \$608,000 of management reserve to cover realized risks associated with design changes for the HX Groundwater Pump-and-Treat System. The original baseline estimates were derived from the DX Pump-and-Treat System prior to increasing the HX system size. The increased system throughput resulted in the need to modify the pump-and-treat transfer buildings. This is a realization of risk SGW-100, HX P&T Design Changes. See the Format 3 Report in Appendix A and A-1 for a complete listing of change requests and the impact on the PMB budget by fiscal year.
- Continued to work with RL and KPMG in the audit of Change Proposals that will be included in negotiations scheduled for March 2011 and development of fifteen additional proposals
- During February, Prime Contracts received and processed four contract modifications (numbers 117, 131, 143, and 147) from RL. The Correspondence Review Team reviewed and determined distribution for 36 incoming letters and the Prime Contract Manager reviewed 66 outgoing correspondence packages.
- During the month of February, there were several partnering meetings with RL to review/discuss draft notices of change and differing site condition letters.
- The Engineering, Projects, and Construction (EPC) Buildings 1 and 2 – 2269E and 2611E were accepted for occupancy on February 9, 2011.
- The last four American Recovery and Reinvestment Act (ARRA) mobile offices (MO2215, MO2216, MO2340 and MO2341) were delivered to 200E in February and set up commenced. These units will support Soil & Groundwater Remediation (S&GRP) and are scheduled for occupancy by March 24, 2011.
- The 2011 Inventory of Sensitive Property and Equipment items commenced in February. There are 6,879 items to be inventoried valued at \$124M. To date, 2,404 (or 34%) of the items have been accounted for. There have been no reported losses.
- The procurement group awarded 90 new contracts with a total value of \$18.5M, amended 529 existing contracts with a total value of \$24.5M, and awarded 500 new purchase orders valued at \$194M to support Base/ARRA acceleration objectives.
- As measured at the end of the first 28 months, CHPRC's procurement volume has been significant; \$1.63B in contract activity has been recorded with approximately 49% or \$810M in awards to small businesses. ARRA funded activity totals 43% or \$697M of the grand total. This includes 4,886 contract releases, 8,295 purchase orders, and over 149,600 P-Card transactions.
- In an effort to improve communication between RL Contracts and CHPRC Procurement, a meeting was held between Procurement Management and their RL counterparts to discuss CHPRC's revised

Small Business Goals and vendor pre-qualification requirements.

- Procurement completed all Condition Reporting and Resolution System (CRRS) actions on time.
- The CHPRC Procurement Manager attended the Procurement Evaluation and Re-engineering Team (PERT) Steering Committee meeting in Las Vegas, NV and in conjunction with Washington River Protection Solutions (WRPS) Procurement Manager, participated in a discussion with the committee on the CLTR process. The CLTR process was determined to be a best practice during CHPRC's PERT review.
- A message was sent to Plateau Remediation Contract Material Services System users to input good material descriptions in their Electronic Bill of Materials. This should aid RL in reviews of P-Card transactions.
- Material Services interns worked on reviewing P-Card files for completeness. Two scanners were purchased and installed.
- The P-Card transaction sequence number was added to monthly P-Card Transaction Approval reports. The sequence number is the unique identifier in P-Card log numbers and is needed for documentation upload into the Integrated Document Management System (IDMS).
- Spares subject matter experts assisted Maintenance and Storage Facility personnel in finding underwater lights and pulling them from Convenience Storage inventory; assisted Canister Storage Building personnel in finding high-efficiency particulate air (HEPA) filters and pulling them from T-Plant Spare Parts inventory; and assisted PFP personnel in finding some 10MV-100V electrical isolators and pulling them from Spare Parts Inventory. Since each of these items belonged to another group, permissions were arranged from the respective owners to withdraw/replace them.
- A CRRS action was completed on behalf of Radiological Protection to set several catalog IDs to obsolete status so they could not be used to order radiation protection and industrial hygiene sampling equipment on a P-Card; instead the equipment will be purchased via PassPort.
- Working with the W&FMP and Washington TRU Solutions Central Characterization Project (CCP), Interface Management completed a revision to Memorandum of Agreement, MOA-CHPRC-CCP-2010, Revision 2, *Performance of Transuranic Waste Characterization and Certification Activities at Hanford*, Administrative Interface Agreement (AIA) CCP-PO-011 Rev. 4, *CH TRU Waste Interface Document*, between CCP, and developed a new AIA, CCP-PO-512 Rev. 0, *RH TRU Waste Interface Document*. The revisions to the two existing agreements and the new agreement, all of which are between CCP and CHPRC, were required to address RL's request to accelerate characterization and shipment of Hanford Site Remote Handled (RH) Transuranic (TRU) waste to the Waste Isolation Pilot Plant for permanent disposal.
- Working with EPC and MSA, Interface Management completed an update to an AIA between CHPRC and MSA for *Welding and Materials Engineering Services and Welding Services*.
- Working with the PFP Closure Project and MSA, Interface Management continued to lead efforts to resolve quality issues associated with Scott Health & Safety (SH&S) breathing air hoses procured by MSA for PFP D&D efforts. The past inability to consistently procure an adequate supply of quality breathing air hoses had the potential to limit PFP D&D work. These issues have been resolved by SH&S, and PFP has been able to build up a substantial inventory of breathing air hoses meeting Hanford quality standards.
- Interface Management led efforts to resolve issues associated with MSA use of Pit 34, which is assigned to CHPRC. MSA and CHPRC reached agreement to transfer Pit 34 to MSA.
- Interface Management continued to work with MSA to resolve concerns with the FY2011 changes in the MSA rate structures for Analytical Services, Crane and Rigging Services, Facility Services, Motor Carrier Services, and Roads and Grounds Services. CHPRC is concerned change costs associated with these service areas identified as base operation costs by the DOE J-3, *Hanford Site Services and*

Interface Requirements Matrix, to be funded by MSA may be inappropriately being passed to Other Hanford Contractors.

- Interface Management assisted the D&D Project coordination with AdvanceMed Hanford (AMH), MSA, WCH, and WRPS with the impacts of explosive demotion activities at the 200W and 200E Power Houses and 200W and 200E Water Towers on Other Hanford Contractors activities.
- Working with W&FMP, MSA and WRPS, Interface Management continued efforts to implement RL's expectations defined in the DOE J-3, *Hanford Site Services and Interface Requirements Matrix*, for WRPS to perform interface activities with Other Hanford Contractors that are associated with the WTP instead of the current practice of WTP approaching Other Hanford Contractors directly.
- At the request of SHS&Q, an Interface Management representative participated in a critique related to an MSA-loaned labor employee, not qualified as a beryllium worker, who participated in a PFP Work Team and entered a beryllium controlled area. Interface Management input included assuring proper understanding of CHPRC and MSA roles and responsibilities for loaned labor and the function of Employee Job Task Analysis.
- Interface Management initiated a revision to the Memorandum of Agreement between AMH and CHPRC, incorporating the recent change to AMH's contract with RL which removed "treatment" from the scope of services. Interface Management also developed and provided MSA and WRPS, for their consideration, a markup of the applicable section of the DOE J-3 *Site Services and Interface Requirements Matrix* identifying revisions required to reflect AMH's contract change to process through the J-3 Matrix change process.
- Interface Management developed and provided to MSA and WRPS a markup of the applicable sections of the DOE J-3 *Site Services and Interface Requirements Matrix* identifying revisions required to reflect RL's decision to transfer responsibility for the Public Safety and Resource Protection services currently assigned to PNNL to MSA effective April 4, 2011. RL approval of the required J-3 Matrix changes and incorporation into the Plateau Remediation Contract prior to the transition date are required to enable implementation of required actions to support transition.
- Working with S&GRP and W&FMP, Interface Management developed a proposed revision to the CHPRC/MSA AIA for MSA Motor Carrier Services and Fleet Maintenance Support to CHPRC "Ready to Serve" Waste Transportation and Disposal at the Environmental Restoration Disposal Facility incorporating the changes required for CHPRC to provide their MSA Fleet roll-off trucks to a subcontractor as Government Furnished Equipment for use on waste site remediation.
- Interface Management worked with the W&FMP to develop an update to HNF-SD-W049H-ICD-001, *200 Area Treated Effluent Disposal Facility*. The proposed update to this Interface Control Document, which documents the interface requirements between the Treated Effluent Disposal Facility (TEDF) and TEDF waste generators required for safe, compliant operation, is currently undergoing review and comment by Johnson Controls, Inc., MSA, and WRPS.
- Interface Management reviewed and commented on the proposed new DOE Order 436.1, *Departmental Sustainability*, which has been proposed to replace DOE Orders 450.1A, *Environmental Protection Program*, and 430.2B, *Departmental Energy, Renewable Energy and Transportation Management*.
- Interface Management continued to work with MSA Strategy & External Affairs to support their efforts to develop a third revision to the proposed *Infrastructure and Site Services Alignment Plan* that MSA plans to submit to RL in June 2011.
- Interface Management continued to work with MSA and WPRS towards reaching consensus on changes to the draft *Hanford Site Interface Management Plan* proposed by MSA to address RL comments.
- Interface Management continued to work with MSA to improve the processes for electrical, water, and sewer utilities outages. The lack of a clear, simple, process for requesting utility support,

insuring adequate identification of the impacts of planned utility outages, and communicating planned outages to impacted parties has been a continuing issue that has created unnecessary challenges for MSA and Other Hanford Contractors.

- Along with representatives of Other Hanford Contractors, Interface Management continued to support the MSA led RL sponsored initiative to develop Greenhouse Gas Reduction Feasibility Studies.
- Interface Management continued to support the W&FMP's efforts to develop a Transportation Security Plan, helping to insure the plan correctly addressed MSA interfaces with CHPRC transportation security responsibilities.

Engineering, Projects and Construction (EPC)

- Central Engineering (CE) assisted S&GRP engineering and operations with their testing/recovery plan based on the shock incident that occurred at a sample well. An inspection and testing plan was developed and implemented to verify ground continuity at all well locations. Additionally, a temporary grounding/bonding plan and design was completed to ensure safety during well operation.
- CE finalized membership for the Waste Encapsulation and Storage Facility (WESF) K1/K3 Exhaust System Upgrade Conceptual Design Review Team to WESF management. A Conceptual Design Review is scheduled for March 7-8; notifications were sent out to the Design Review Team members. Engineering is continuing to support the WESF Upgrade project to complete the K1/K3 ASME AG-1 Compliance Matrix.
- CE designated the KE Reactor Core Removal Project Preliminary Design comments as either Type "A" (requiring resolution prior to moving to final design) or Type "B" (acceptable to track through final design). CE then reviewed and accepted dispositions of the Preliminary Design Type "A" comments and led a meeting with RL contributors to discuss resolution of their comments. The comments have been dispositioned and the dispositions accepted by the RL STP Chief Engineer. SA Technologies continues to work to provide responses to the over 850 Type "B" comments.
- CE chaired the Hanford Engineers Week Committee the week of February 21. CE chaired the High School-friendly competition that was hosted by Pasco High School and won by Chiawana High School Team #2. The week culminated with the recognition of Rick Raymond, STP Chief Engineer, being recognized as the 2010 Tri-City Engineer of the Year.
- Engineering reviewed and approved the technical evaluation (reference PRC-PRO-EN-24208, HEPA Filter System Degradation Evaluation Process) to extend the time period for the replacement of the Cold Vacuum Drying Facility HEPA filters. The delay is due to potential facility damage from freezing weather conditions when the heating, ventilation, and air conditioning system is shut down to replace the filters.
- CE developed a path forward for electrical certification of, and acceptance of, a vendor fabricated 100K Asbestos Shower Trailer, CHPRC 100K PO 43099. Under CE direction the vendor relocated an electrical power panel to meet National Electrical Code working space requirements. CE also performed an automated job hazard evaluation/approval of Nikro Portable Air Scrubber associated with the operation of the trailer.
- CE is reviewing the technical/procurement specification, CHPRC-01152, Rev B (Project Technical Specification for Design Build for the Plutonium Finishing Plant Alternate Exhaust Design) for the PFP Alternate Exhaust System.

Communications and Outreach

- CHPRC Public Affairs supported RL with media outreach for the explosive demolition of the 284-W Power House structures. An update on preparations for the demolition was provided to the RL social media sites and featured in the *Tri-City Herald*. CHPRC Public Affairs provided photos, video, and a press release to the media covering the explosive demolition of the 284-W structures and the event

was featured on KNDU, KEPR, and KVEW television news broadcasts, a Northwest Public Radio news report, as well as the *Tri-City Herald* and Associated Press. The story was also featured on RL's website and social media sites, achieving a record-setting number of more than 10,000 YouTube hits in four days and a total of more than 14,000 by the end of February. The video is available at www.youtube.com/hanfordsite.

- CHPRC Communications organized worker Beryllium Awareness Briefings in conjunction with DOE-HQ, Beryllium Awareness Group members, the Independent Beryllium Oversight Team and other organizations supporting the Hanford Site Chronic Beryllium Disease Prevention Program. Three briefings were held in February and five additional briefings are scheduled for March. CHPRC has also participated in lessons learned for the briefings and shared information with other contractors to benefit in the overall program.
- CHPRC Public Affairs also supported RL with media outreach for the completed removal of gloveboxes from PFP's 2736ZB vault complex and removal of pencil tanks beginning at PFP's Plutonium Reclamation Facility. The vault complex story was featured by the *Tri-City Herald*, Associated Press, and *Seattle Times* and was submitted for consideration for RL's social media sites; the pencil tank accomplishment was featured in the *Tri-City Herald*, *Engineering News-Record* magazine and the Feb. 24 issue of the *DOE EM Update* newsletter.
- The February issue of the *DOE-EM Recovery News* newsletter featured a profile on CHPRC Recovery Act hire Rick Nickeson and a story on progress in glovebox removal at PFP. For consideration in future issues of the newsletter, CHPRC submitted a story about progress in subcontracting. CHPRC also began supplying materials – photos, videos, stories, worker profiles – for an interactive wall project being organized by DOE-EM to showcase the success and impact of Recovery Act funds across the DOE complex.
- CHPRC continued publishing a weekly progress report and video per contract requirement Contract No. DE-AC06-08RL14788 – Modification M047, as well as a one-page weekly newsletter (available at www.platauremediation.hanford.gov). Videos produced in February highlight cleanup in the 200 West Area, including ground-penetrating radar scanning at burial grounds in the 200 West Area; explosive demolition preparations in the 200 Areas; explosive demolition of the 284-W Power House structures; and removal of the last glovebox from the PFP vault complex.
- The February issue of *On the Plateau* featured several innovations in safety and technology on CHPRC's progress, including design of a protective overglove for gloveboxes at the Waste Receiving and Processing facility, new methods deployed to facilitate glovebox removal at PFP, RadBall™ deployment at the U Canyon, and development of a platform to support waste loading and disposal.
- Five episodes of the *InSite Weekly News* broadcast were produced, included a special edition featuring a message from CHPRC President John Lehew, off-site at Washington D.C., addressing the announcement of President Obama's budget.
- CHPRC Communications has begun delivering communications to its workforce regarding the workforce restructuring. The effort includes frequent updates to the intranet web site and monthly features in the *On the Plateau* newsletter. The goal is to provide frequent, open and consistent communication with the workforce.
- Public Affairs supported three tours of CHPRC facilities, including a tour with Scott Van Camp, DOE-HQ Senior Site Program Manager for RL, that included stops at the Canister Storage building, 100K Area, 200 West Groundwater Treatment Facility, PFP, and U Plant.
- Public Affairs began developing a Deep Vadose Zone 101 information module to be used to prepare stakeholders to participate in an upcoming Deep Vadose Zone Operable Unit technology screening public information exchange that is tentatively scheduled for May 10, 2011.
- CHPRC Public Involvement supported the development of the Agency Update to the Hanford Advisory Board and the public information process for the 100K river structures demolition project.

- Communications continued teaming with SHS&Q to implement a poster and Tailgate campaign to raise awareness about the Voluntary Protection Program tenets and how they are present on the CHPRC projects. A VPP introductory video was produced and a revised, more user-friendly VPP web site was launched on the CHPRC intranet.
- Internal project and internal employee communications produced in February included “Safe at Work” posters for D&D featuring photos of ongoing work and tracking the project’s progress toward million-hour and 60-day safety goals; VPP bulletins and newsletter for W&FMP; an EPC “Passing it Forward” bulletin about “What to do when a Spill Happens”; and posters recognizing PFP workers’ one million hours without a lost-time injury and 60 days without a recordable incident, as well as posters and intranet banners recognizing Bio-Based products and Black History Month.

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	9.4	9.4	8.5	0.0	0.0	0.9	9.3	972.4
Communications and Outreach	0.2	0.2	0.2					14.6
Safety, Health, Security and Quality	1.4	1.4	2.3					104.5
Environmental Programs and Strategic Planning	0.4	0.4	0.3					34.5
Business Services and Project Controls	7.0	7.0	5.1					783.2
Engineering, Projects and Construction	0.5	0.5	0.7					35.6
<u>PBS Allocations</u> (RL-0XX.99) Total	7.8	7.8	8.3	0.0	0.0	(5.0)	-7.0	972.4
Base Total	2.8	2.8	3.2					806.2
RL-11	-0.1	-0.1	0.2					45.0
RL-12	0.8	0.8	0.7					88.6
RL-13	1.1	1.1	0.3					266.9
RL-30	0.5	0.5	1.6					180.8
RL-40	-0.9	-0.9	0.1					157.1
RL-41	1.5	1.5	0.2					63.8
RL-42	0.0	0.0	0.0					4.0
ARRA Total	5.0	5.0	5.2					166.2
RL-11	0.3	0.3	1.4					43.2
RL-13	1.1	1.1	1.6					38.8
RL-30	2.2	2.2	0.1					18.5
RL-40	1.6	1.6	1.2					39.8
RL-41	-0.2	-0.2	0.9					26.0

Numbers are rounded to the nearest \$0.1M.

Indirect WBS 000**CM Schedule Performance: (\$0.M/0.0%)**

The schedule variance is within threshold.

CM Cost Performance: (+\$0.9M/+9.3%)

The variance is primarily due to higher than planned G&A from GPP/CENRTC projects (+\$0.5M), correction in business and occupation taxes due to accounting for the High Technology Tax Credit (+\$0.7M), and lower FY11 pension plan contribution (+\$0.4M) and retiree insurance premium (+0.2M); offset by negative variances in 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: (-\$0.5M/-7.0%)

The unfavorable variance is primarily due to a one-time point adjustment associated with implementation of BCR-PRC-11-020R0, *Align FY11 PMB Scope to RL Priorities*, where the Direct Distributable and G&A budgets were redistributed.

A variance of \$0.2M 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	249.8	249.5	231.3	(0.3)	-0.1	18.2	7.3	972.4
Communications and Outreach	5.4	5.4	5.1					14.6
Safety, Health, Security and Quality	43.3	43.0	45.2					104.5
Environmental Program and Strategic Planning	11.6	11.6	9.7					34.5
Business Services and Project Controls	174.7	174.7	157.9					783.2
Engineering, Projects and Construction	14.8	14.8	13.4					35.6
<u>PBS Allocations (RL-0XX.99) Total</u>	248.2	248.2	226.3	0.0	0.0	21.8	8.8	972.4
Base Total	134.0	134.0	129.7					806.2
RL-11	19.4	19.4	18.7					45.0
RL-12	23.6	23.6	23.3					88.6
RL-13	36.7	36.7	34.8					266.9
RL-30	39.2	39.2	39.7					180.8
RL-40	7.9	7.9	6.3					157.1
RL-41	5.7	5.7	5.5					63.8
RL-42	1.5	1.5	1.3					4.0
ARRA Total	114.2	114.2	96.7					166.2
RL-11	27.1	27.1	23.3					43.2
RL-13	25.6	25.6	23.4					38.8
RL-30	12.7	12.7	10.5					18.5
RL-40	28.6	28.6	21.9					39.8
RL-41	20.2	20.2	17.5					26.0

Numbers are rounded to the nearest \$0.1M.

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

Within threshold.

CTD Cost Performance: (+\$18.2M/+7.3%)

The positive variance for PRC G&A and DD activities is distributed by weighted percentage to the Base and ARRA PBSs. This is the result of 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) is 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 negative cost variance of \$0.1M is primarily due to increased staffing to support safety and work control programs, increased beryllium program costs, cost of radiation protection program equipment (-\$4.3M), increased construction program support due to higher FY2011 construction activity (-\$0.5M), higher cost of cellular phone and radio service supporting ARRA (-\$0.5M), higher facility maintenance activities related to cold weather repairs and safety issues (-\$0.4M), and progress not yet earned on radiation protection equipment (-\$0.3M). This is offset by higher G&A from GPP/CENRTC projects (\$3.5M), lower pension plan contribution (\$1.9M) and lower retiree insurance premiums (\$0.5 M).

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

Level of Effort.

CTD Cost Performance: (+\$21.8M/+8.8%)

See Indirect WBS 000 analysis above, excluding the -\$0.3M portion of the cost variance related to progress (the difference between BCWP and ACWP is not applicable to allocation of actual cost).

A variance of +\$4.9M 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)

FY2011			
WBS 000 Project Services and Support	Projected Funding	Spending Forecast	Variance
ARRA	65.6	68.6	(3.0)
Base	<u>52.1</u>	<u>51.2</u>	<u>0.9</u>
Total	117.7	119.8	(2.1)
Numbers are rounded to the nearest \$0.1M.			
Communications and Outreach	2.5	2.4	
Safety, Health, Security and Quality	26.2	27.8	
Environmental Program and Strategic Planning	4.5	4.6	
Business Services and Project Controls	75.6	76.3	
Engineering, Projects and Construction	8.9	8.6	
<u>PBS Allocations (RL-0XX.99) Total</u>			
Base Total	52.1	51.2	0.9
RL-11	3.9	4.3	
RL-12	9.8	9.7	
RL-13	10.4	10.2	
RL-30	19.5	18.7	
RL-40	2.4	2.2	
RL-41	6.0	5.9	
RL-42	0.1	0.2	
ARRA Total	65.6	68.6	(3.0)
RL-11	16.8	18.1	
RL-13	17.6	18.2	
RL-30	7.8	7.7	
RL-40	15.7	16.6	
RL-41	7.6	8.0	

Funds Analysis

FY2011 total funding of \$130.2M was reduced by \$12.5M in February. The reduction includes removal of Workforce Restructuring from the Direct Distributable accounts, and additional funding realignments for BCR-PRC-11-020R0 processed in February. Revised FY11 total available funding is \$117.7M.

Baseline Change Requests

BCR-PRC-11-020R0, Align FY 2011 PMB Scope to Revised RL Priorities

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.