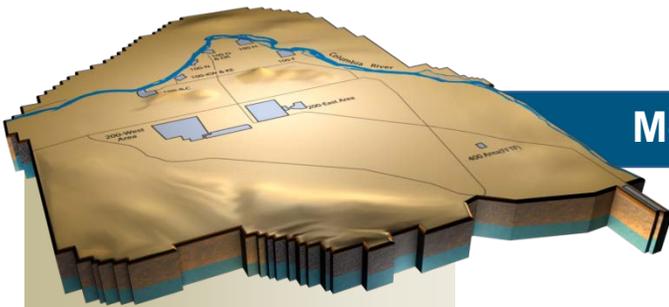


# Appendix C

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



### Monthly Performance Report

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Chief Financial  
Officer

July 2011  
CHPRC-2011-07, Rev. 0  
Contract DE-AC06-08RL14788  
Deliverable C.3.1.3.1 - 1

## 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	0	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 July 20, with sponsorship provided by the CHPRC's SHS&Q organization. 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 tire pressures
      - ❖ vehicle fueling (gasoline)
      - ❖ extension cord safety
      - ❖ lawn mower safety
      - ❖ President's Summer Safety Challenge
      - ❖ emergency communications
      - ❖ Voluntary Protection Program (VPP) progress (MERIT recognition)
      - ❖ environmental and safety in Hanford clean-up efforts
      - ❖ resetting circuit breakers
      - ❖ managing waste, training
      - ❖ post-holiday safety
      - ❖ injury/illness and close call summaries
    - In support of the Support Services Employee Zero Accident Council, OS&IH facilitated the development of a video presentation and communication bulletins relating to traffic and pedestrian safety.
    - 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 27, 2011
      - ❖ Lockout/Tagout, September 15, 2011

- ❖ Respiratory Protection, staggered into Fiscal Year (FY) 2012
- ❖ Electrical Safety, staggered into FY2012
- ❖ Employee Job Task Analysis, FY2012.
- ❖ Work continues on the Excavation Safety enhancements, through the established committee.
- ❖ Gap Training has been developed for several of these programs.
- Throughout the month, OS&IH Central Programs provided in-field support to Project safety and health organizations through a series of assist visits, with an expanded coverage at Engineering Projects and Construction's (EPC) 200 West Pump and Treat construction project.
- OS&IH continued its participation in conducting technical accuracy reviews of Hazard and Control screens within the electronic Automated Job Hazard Analysis (AJHA) system; of note is the development of a medical clearance table to assist field supervision in identifying medical clearances that will be required for specific jobs.
- OS&IH led efforts in improving the current EJTA electronic tool with an interim modification to the hazardous waste medical question.
- Completed review of the following American Society of Mechanical Engineers consensus standards for impacts to implementation into DOE-RL-92-36, Hanford Site Hoisting & Rigging Manual: B30.10-2009 (Hooks), PALD-2009 (Shop Cranes), B30.9-2010 (Slings), B30.26-2010 (Rigging Hardware), and B30.11-2010 (Hoist, Jib Cranes and Monorail Systems).
- Continued with progress in addressing specific areas of the corrective action plan associated with the CHPRC (and multi-contractor) Beryllium Characterization Project.
- o Emergency Preparedness (EP) accomplishments:
  - Twenty drills were performed in July; seven of which were operational drills.
  - Successfully passed Canister Storage Building (CSB) DOE independently evaluated drill for exercise credit conducted on July 20, 2011.
  - T-Plant Second Quarter Exercise Corrective Action Plan approved by RL.
  - Preparing the TALON robot for deployment.
  - Preparing the MOVERS radiological emergency response vehicle for deployment.
  - Received RL approval on Addendum to SWOC Emergency Planning Hazard Assessment (EPHA).
  - Submitted CSB EPHA to RL for approval.
- o Radiological Control accomplishments:
  - Developing computer based training centered on the revised PRC-PRO-RP-1622, Radiological Design Review. The Computer Based Training (CBT) will communicate expectations and associated documentation based on the ALARA design review process.
  - Initiated general implication reviews of Project processes for planning of radiological work and posting of Airborne Radioactivity Area based on lessons learned from the Plutonium Finishing Plant (PFP).
  - Initiated a review of Project ALARA Goal estimates based on current burn rates and expected work scope for calendar year (CY) 2011.
  - Developed process for quickly determining exit bioassay protocols to remain compliant with program requirements while reducing the number of workers having to complete exit bioassays.

- Operations Program accomplishments:
  - Commissioned the Work Management Web Page.
  - The CBT for Managers on the revised work management process was finalized and published.
  - Facilitated the Procedures Streamlining Process work flow and schedule development. Met with the software programmers to discuss details of the process.
  - Updated schedule for the Collaboration Zone project. This project is to develop and roll-out Share Point throughout CHPRC to facilitate more efficient development and review of documents.
  - Supported the annual Office of Civilian Radioactive Waste Management (OCRWM) audit.
  - Supported the Corporate Integrated Performance Assurance Assessment and includes writing the final report.
  - Provided technical support to Transportation Safety review by Nuclear Safety.
  - Provided Maintenance Program support to the July Defense Nuclear Facilities Safety Board (DFNSB) visit at the Waste Encapsulation and Storage Facility.
  - Provided input to procurement regarding our experience with Canberra and their support for resolution of problems with continuous air monitors (CAMs) at PFP.
  - Development of Crystal Reports to be used by field personnel in implementation of the recent revision of PRC-PRO-WKM-12115 and adjustments to changing facility workloads.
  - Received direction from RL to implement CRD O 433.1B. Began development of draft Nuclear Maintenance Management Program Description Documentation, (NMMP-DD).
- Deliverables prepared and transmitted to RL in July from Nuclear Safety include:
  - Transportation Documents:
    - Email, *Revised CE-1 Shipment Evaluation Checklist (SEC) for IP-1 Containers to Perma-Fix Northwest (PFNW)*
    - Email, *Revised CE-2 SEC for Shipments to PFWN*
    - Email, *Revised Internal securement plan for boxes within Top Hat or Super 7A Container*
    - Email, *Revised CE-2 for Crushed drums*
    - Email, *Internal Securement Plan for Filter Housings in Boxes*
    - Letter, CHPRC-1101728A R3, dated July 14, 2011, *Impact Analysis for Contractor Requirements Document DOE Order 420.1B Change 1 (Supplement Revision 0), Facility Safety, Change Order Number 125*
    - Email, *Tiedown Plan for Box 101*
    - Email, *Revised External Tiedown Plan for Boxes on Flatbed Trailer*
    - Letter, CHPRC-1003651.1, dated July 21, 2011, *CHPRC Transmittal of Evaluation of Safety of the Situation - Potential Impact to Existing Populations of Drums Related to Change to NucFil Filter Torque Recommendations*
    - Email, *Revised CE-1 SEC for High Dose IP-2 Containers*
    - Email, *CE-2 SEC for 209-E Slab Tanks*
    - Email, *Revised CE-1 SEC for Gloveboxes from Interim Storage to PFWN*
    - Letter, CHPRC-1103580, dated July 28, 2011, *Transmittal of the 2011 Annual Unreviewed Safety Question for Transportation Determination Summary Report*
    - Email, *Tiedown Plan for Top Loading IP-2 to Various Trailers*
  - Documented Safety Analysis:
    - Letter, CHPRC-1103482, dated July 18, 2011, *Transmittal of PRC-NS-00004, Revision 1, Criticality Safety Program Description Document*

- Documents Received from RL:
  - Letter, 11-ODD-0032, dated July 11, 2011, *Quarterly Submittal of the Startup Notification Report (SNR) for the CH2M HILL Plateau Remediation Company (CHPRC) Managed Facilities*
  - Email, *Revised CE-1 SEC for IP-1 Containers to PFNW*
  - Letter, 11-SED-0134, dated July 5, 2011, *Hanford Sitewide Transportation Safety Document, DOE/RL-2001-36, Revision 1-E, Change Order #157*
  - Email, *Revised internal securement plan for boxes within Top Hat or Super 7A Container*
  - Letter, SED-0131, dated July 7, 2011, *Submittal of Annual Update to the 105-K West (KW) Basin Safety Basis Documents*
  - Letter, 11-SED-0130, dated July 7, 2011, *Reauthorization of One Time Request for Shipment (OTRS) of Two Multi-Canister Overpack (MCO) Casks from K West (KW) Basin*
  - Letter, 11-SED-0132, dated July 7, 2011, *Equivalency Request for the Utilization of an Eight Inch Diameter Fire Water Main to Supply Water to Building 105 K West (KW) Basins*
  - Email, *Revised CE-1 SEC for boxes from Retrieval*
  - Letter, 11-SED-0126, dated July 11, 2011, *Transmittal of 2010 Conversion to the 200 Area Interim Storage (ISA) Documented Safety Analysis (DSA) Revision 0, 200 Area ISA Technical Safety Requirements (TSR), Revision 0, and the Unreviewed Safety Question (USQ) Determinations Summary*
  - Email, *Revised CE-2 SEC for Shipments to PFNW*
  - Letter, 11-SED-0140, *Extension of Retirement Dates for Standard Waste Box (SWB) and Pipe Overpack Container (POC) Package Specific Safety Document (PSSD)*
  - Letter, 11-SED-0136, dated July 18, 2011, *Approval of the Annual Update of the 224-B Facility Documented Safety Analysis (DSA)*
  - Email, *Internal Securement Plan for Filter Housings in Boxes*
  - Email, *Revised External Tiedown Plan for Boxes on Flatbed Trailer*
  - Email, *Revised CE-2 SEC for Crushed Drums*
  - Email, *Revised CE-1 SEC for High Dose IP-2 Containers*
  - Email, *Revised internal securement plan for boxes within Top Hat or Super 7A Container*
- Quality and Performance Assurance accomplishments:
  - Performed 43 self-assessments across CHPRC in July.
  - Completed initial training for project members and RL staff on the new web based Integrated Evaluation Plan data base. Implementation is scheduled to complete by the end of August.
  - The Level 3 Readiness Assessment for the D-10 tank removal was completed with two prestart Findings noted. Corrective actions have been completed and D-10 tank loading has been scheduled for completion on August 8, 2011.
  - Quality and Engineering staff training on the new automated Non-Conformance Reporting system has been progressing well with implementation of electronic processing targeted for implementation by the end of August.
- Integration and Improvement Management accomplishments:
  - To date 84 of 84 ICAP actions have been completed as of July. RL has reviewed and accepted approximately 86 percent of the closures.
  - The average score on the Cause Evaluation and Condition Report Review Worksheet in July was 87%.
  - The Trend Working Group met in July to discuss issues that may be emerging in project or cross-project work. Based on these discussions EPC submitted a trend Condition Report

- regarding hoisting and rigging issues.
  - Issues Management staff attended Critique Leaders training.
- 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 development of Be CAP products.  
**Action:** Implementing CHPRC actions and supporting site-wide actions per the approved CAP.
  - **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:** 84 of 84 actions completed; RL has verified 73 actions to date.  
**Action:** Continue ICAP actions.
  - **Issue:** Transfer of Radiological Site Services from Pacific Northwest National Laboratory (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**

- Thirteen EMS targets have been completed this fiscal year-to-date. The remaining 18 are on schedule for completion in accordance with their implementation plans.
- Three new EMS targets were added during July:
  - 11-EMS-D&D-OB3-T1 (3% reduction in copy paper by STP)
  - 11-EMS-D&D-OB4-T1 (Establish a baseline for recycling STP stimulants)
  - 11-EMS-D&D-OB4-T2 (Establish a baseline for test basin water recycling)
- Three CHPRC abstracts for the September ISM workshop hosted by RL were accepted for presentation.

#### **Environmental Protection**

- **Underground Injection Control Wells:** Efforts are underway to support the Hanford-wide effort to assess all of the site's underground injection control wells (UICs) by 2013, per WAC 176-218 requirements. Currently, CHPRC has over 200 wells assigned to it. Under discussion is the scope of the assessment. Discussions will also be occurring on several hundred related to steam lines that contractually are not assigned to any contractor.

- **TPA:**
  - TPA milestone and commitment information related to FY 2012 funding for Central Plateau activities are being reviewed with RL and regulators. TPA milestone change requests are being developed in support of TPA negotiations.
  - Completed and received TPA agencies approval of the last major TPA Change Requests to update Appendix C, which addresses 100 and 300 Area additions, deletions and changes.
- **RCRA Permit Renewal:** CHPRC completed comment/input on all Ecology draft RCRA permit renewal material pertaining to CHPRC affected activities. CHPRC legal staff participated in resolution of some items. Ecology has not yet issued CHPRC SWOC unit draft RCRA permit conditions
- **Inspections:**
  - Washington State Department of Health (WDOH) performed an annual major stack inspection of Stack 296-B-10 located at the Waste Encapsulation and Storage Facility (WESF) in 200 East Area. No issues were noted, and the inspection report is expected to be issued in August.
  - Washington State Department of Ecology (Ecology) visited the WRAP facility to follow-up on the actions being taken in response to the leaking container discovered at WRAP's 2404-WB building continued during June. Ecology personnel also made inquiries and requested information about the discovery of liquids during retrieval of drums at the 12B burial ground and about specifications for spill containment pallets.

#### **Environmental Quality Assurance**

- **Independent Assessment:** Completed the "Use and Control of Information as it Relates to Modeling and Risk Assessment." Final report submitted on July 5, 2011, with two findings and three opportunities for improvement.

#### **Business Services**

- The 2011 Inventory of Sensitive Property and Equipment is in its final stage. Field work has been extended until September 1 to accommodate locating some additional items on the PFP Project. There are 6,879 items to be inventoried valued at \$124M. To date, 6,822 (or 99 percent) of the items have been accounted for. There have been items confirmed as unlocated with a value of \$16K.
- 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 4<sup>th</sup> and Baltimore and the 284E Powerhouse site in 200E are scheduled for return in mid-August, to be followed by units in 200N and the 209E D&D site. The balance of units will be scheduled for removal following work force restructuring.
- The procurement group awarded 50 new contracts with a total value of \$5.6M, amended 442 existing contracts with a total value of -\$276,551, and awarded 436 new purchase orders valued at \$989K to support Base/ARRA acceleration objectives.
- As measured at the end of the first 34 months, procurement volume has been significant; \$1.736B in contract activity has been recorded with approximately 49% or \$849M in awards to small businesses. ARRA funded activity totals 44% or \$755M of the grand total. This includes 5,203 contract releases, 10,042 purchase orders, and over 175,500 P-Card transactions.
- Procurement sent several communications in July to BTRs, addressing ARRA funded Contracts and how to deal with the ARRA funding ending. Information included items to consider for ARRA close-out such as demobilization, rental returns, lease closeout, etc. In addition, a list of all active contracts was sent to all BTRS to assist in determining extensions of contracts and other for fiscal year end activities.

- Procurement completed a Management Assessment on the Contracted Labor Process. The assessment surveyed the current approaches for (1) BTR review of resumes to determine if the process is optimized, (2) Personnel Requisition interfaces to see if clear and concise interface takes place and (3) ground rules for non-compete versus use of pre-selects is being optimized. The assessment confirmed that the improvements to the CLR process did optimize the BTR review. It also indicated that while the Personnel Requisition could be more user friendly the interfaces and hand-offs are working well. Additionally, the results indicate that competition is being optimized.
- Results of IA11-10, Purchasing Card audit, showed continued substantial improvement for the second P-Card audit in a row.
- P-Card file documentation has been reviewed, scanned, and uploaded into the Integrated Document Management System (IDMS) through March 2011. Work on April records continues.
- Provided Asset Suite (PassPort) Training to 100K Intern Kevin Kronvall. Kevin is assisting 100K DA's in identifying Spare Parts that may require replenishment.
- Communicated two software bugs discovered in Asset Suite software to LMSI.
- Material Services Interns assisted the Procurement organization in populating REA IDMS folders with Contract, PO, Material Request, Cat ID, and P-Card information for both STP and ZP-1. Custom queries were created to help facilitate the effort.
- Met with the Procedures Group to update PRC-PRO-EN-129, *Controlling Spare Parts Inventory*.
- Created several custom queries for 100K management.
- Working with MSA to complete a "Right Sizing of Material Inventories" inquiry on Spares and Convenience Storage. The list, split into logical pieces and ordered by Facility, Material Analyst Groups, and Parent Piece of Equipment, was sent to the Chief Engineers and Design Authorities for review. As of the time of this writing, all but a handful of the parts lists have been dispositioned and either marked to excess or retain. The goal to have all affected parts dispositioned by the end of August will be met.
- Assisted EPC create sound QAIP's for respiratory gear.
- File Declaration of Excess documents were created and sent out to the field for review signature. The value of these DOE's will be reported in next month's report.

### **Prime Contract and Project Integration (PC&PI)**

- Working with the associated Projects, Contract Compliance and Change Management (CC&CM) supported the DOE requested KPMG audit of CHPRC's responses to the DOE sponsored KPMG audits of change orders #9 (*Sludge Treatment Project*) and #30 (*200-ZP-1 Operable Unit Operations and Maintenance*) findings. This included supporting the KPMG audit team during their July 18 – 28, 2011 field visit and continued at month end.
- CC&CM and the EPC Project continued their efforts in support of the DOE sponsored DCAA audit of CHPRC REA 000.005, *Support Trailers*.
- Working with the Soil & Groundwater Remediation Project, CC&CM completed the following Change Proposals:
  - CP 030.1089, *Underground Injection Control (UIC) wells*, in response to Change Order #068. This Change Proposal was formally submitted to RL on July 14, 2011.
  - CP 106, *100-BC-5 and 100-FR-3 Engineering Evaluation/Cost Analysis (EE/CA), Draft A, and Action Memorandum (AM), Decisional Draft*, in response to Change Order #101. This Change Proposal was formally submitted to RL on July 26, 2011.

- CP 1046, *Implement Interim Actions for the 200-UP-1 Operable Unit - S/SX Pump and Treat*, in response to Change Order #107. This Change Proposal was formally submitted to RL on July 29, 2011.
- Working with the Waste and Fuels Management Project, CC&CM completed Change Proposal CP 1139, *Transuranic Waste Drum Venting Requirements*, in response to Change Order #0139. This Change Proposal was formally submitted to RL on August 1, 2011.
- Efforts continued on implementation of the recommended corrective actions resulting from the Management Assessment of the effectiveness of CHPRC PRC change management processes and deliverables issued in June. As of August 5, 2011 13 of 24 corrective actions were complete.
- During July, Change Proposal preparation kick-off meetings were held with the responsible projects for Change Order 135/CP 030 135 2011 - Bioassay Work and Change Order 90 - Initiate OU Decision Documents for the 300-FF-5 OU. During these meetings roles and responsibilities and action assignments for preparation of these Change Proposals were discussed. These discussions have been documented in the Change Proposal's Estimating Plans. The Holding of Change Proposal kick-off meetings and development of formal Change Proposal Estimating Plans are two of the ongoing process improvements implemented by CHPRC to improve the quality of CHPRC Change Proposals.
- During July, Contract Compliance received and processed 5 contract modifications (numbers 165, 173, 174, 176, and 181) from RL. The Correspondence Review Team reviewed and determined the distribution for 78 incoming letters and the Contract Compliance Manager reviewed 62 outgoing correspondence packages.
- Efforts continued on 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.
- Finalized the annual update of the Performance Measurement Baseline for FY12 based on the target funding profile provided by RL.
- Began initial planning for FY13-FY18 PMB update.

### **Engineering, Projects and Construction (EPC)**

- Central Engineering (CE) conducted the technical assessment for the CHPRC Readiness Assessment Implementation Plan for 221-U Canyon D-10 Tank Removal and the DOT 7A Type A Shipping Container which will house the D-10 Tank.
- CE participated as a part of a Parent Organization Oversight Committee (POOC) review of Conduct of Engineering for NSTec at the Nevada National Security Site (NNSS) June 20-24. The POOC focused on Engineering Department Performance, the Engineering Organization Structure, and Engineering Program performance. The final report was delivered to the NSTEC Chief Operating Officer July 15, 2011.
- CE led the Semi-annual Energy Facility Contractors Group (EFCOG) Engineering Practices Working Group (EPWOG) teleconference. The teleconference summarized activities since the April meeting in Washington D.C., shared information related to the June Annual EFCOG meeting in Washington D.C., and discussed plans for the joint EPWOG/Safety Analysis Working Group (SAWG) Fall meeting October 25/26 in Albuquerque.
- CE reviewed and provided comments on the draft ZP-1 Power System Study report for the 200 West Pump and Treat Reclamation Project. This calculation was performed by CH2M Hill corporate resources using Power Tools for Windows software package.

- CE continues to participate with 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 team worked on the response to DNFSB & EPWOG comments.
- CE staff attended two webinars and two day class on Corrosion sponsored by Washington River Protection Solutions and presented by Dr. Frankel the Director of the Fontana Corrosion Center at the Ohio State University at the PNNL Environmental Molecular Science Laboratory's (EMSL's) auditorium.
- A presentation was provided to the Engineering Leadership Team (ELT) describing the upcoming roll-out of an Electronic Nonconformance Report (NCR) process. The process is currently available in "Training mode" on the CHPRC QA web page for users to test and practice with. The electronic version mimics the current paper process.
- CE provided Nationally Recognized Testing Laboratory (NRTL) evaluation/resolution support for the following:
  - 200W P&T field engineering to evaluate a CSA labeled Flowserve electric solenoid actuators for NRTL acceptability. Actuators were Authority Having Jurisdiction (AHJ) Approved after it was verified that they were listed by Factory Mutual.
  - PFP on a Non-NRTL labeled ENERPAC electric powered hydraulic pump. Pump was AHJ approved after verification that the ENERPAC model number was TUV SUD listed.
  - CE prepared a Non-NRTL AHJ Approval package for Hand and Foot monitors from Thermo Fisher Scientific. The monitors were determined acceptable based on a previous Hanford AHJ evaluation and approval. AHJ approved forms were sent to AVS to assist with QAIP acceptance.
  - CE assisted the 100K asbestos abatement team in seeking an acceptable water sprayer for insulation work. CE proposed a vendor that had a DC powered unit with a UL listed/labeled 120VAC charger and the asbestos team accepted the recommendation.
  - CE assisted the Hammer Training Facility in evaluating a particle generator for respirator fit testing. CE prepared an AHJ Approval package and the particle generator was approved for use.
  - CE evaluated a Non-NRTL Vue-More HD100 turntable. The vendor has an NRTL listed motor available, but requires purchasing a larger turntable to receive the listed motor. PFP NDA is currently determining if the larger unit will meet their requirements.
- Engineering is providing support to the Type A Container Procurement Assessment. All field work has been completed and the draft of the assessment report is being prepared.
- The CE led Hanford Welding Program (HWP), Center of Expertise (COE) met to review and discuss Site welding needs and issues. One of the items brought up for review is a draft for a new Visual Inspection (VT) procedure. The draft addresses VT performance and documentation and will be incorporated into the Site Welding Manual.
- CE, AVS and 200W P&T field engineering performed a receipt electrical inspection of the Stabilization Control Panel. Inspection was completed and results were transmitted to 200W P&T system engineering for resolution.
- CE recommendations to the HX P&T Project in responding to a CPVC pipe that sustained a hairline crack during Construction Acceptance Testing (CAT) were implemented and CAT resumed.
- At the request of Washington Closure Hanford, CE prepared arc flash calculations and protective device settings for the new 385 Booster Station located in the 300 Area. This work was performed using the Engineering Services work order between WCH and CHPRC.

- Engineering is incorporating System Engineers' comments into the next revision of procedure PRC-PRO-EN-24208 (HEPA Filter Degradation Evaluation Process).
- CE is working closely with the MSA Fleet Mechanics to qualify an overlay welding procedure for repair of heavy equipment needed for D&D operations.
- CE participated in the Seismic Summit Meeting, sponsored by ORP & RL to discuss, evaluate, and determine the present technical seismic baseline for the Hanford Site.
- CE provided support for Hanford Site Electrical Safety Board committee meetings to resolve comments on DOE-0359, Hanford Site Electrical Safety Program.

## Communications

- **Internal Communications**
  - Continued Workforce Restructuring communications, including advertisements for workforce and upcoming job fair, updates to the intranet, change management workshops, and a biweekly bulletin keeping workers update to on the schedule and available resources.
  - Routine communications included InSite videos (four episodes), On the Plateau newsletter, Recovery Act Update newsletter, and EMS challenge information.
- **Media Relations**
  - Responded to media inquiries related to CHPRC workforce restructuring self-select program that reinforced workforce reduction announcement shared in January.
  - Collaborated with RL public affairs in issuing news release, photography and video clips of Mixed and Low Level Waste (MLLW) activities. News release resulted in local, regional and trade publication coverage.
  - Collaborated with RL public affairs in preparing news release and photo gallery on groundwater cleanup for posting on Hanford Site Facebook page.
- **Recovery Act**
  - Videos produced in July included shipping a railcar to the Environmental Restoration Disposal Facility, 100K East and West River Pumphouse demolition, workers meeting a waste shipment goal, final truck load of contaminated soil leaves BC Control Area, and North Slope debris removal nearing completion.
  - Supported RL media (press release, social media updates, photos, and video) covering the Waste and Fuels Management Project's completion of the third Recovery Act KPP to ship 1,800 cubic meters of mixed and low-level waste for treatment and disposal. The accomplishment was featured in a DOE-EM Recovery Act News Flash as well as the Tri-City Herald and Seattle DJC Newspaper.
  - The July issue of the DOE-EM Recovery News newsletter highlighted how CHPRC Recovery Act projects are achieving the DOE Journey to Excellence goals. For future issues, CHPRC submitted a profile on a Recovery Act hire Aaron Churney
- **Public Involvement**
  - Planned and coordinated public involvement process for the Proposed Plan for Remediation of 200-PW-1, 200-PW-3, 200-PW-6, and 200-CW-5 Operable Units. This included coordinating the release of the document for a 30-day comment period and planning and coordinating four regional (Richland, Seattle, Hood River, and Portland) public meetings.

## 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)
<b>Indirect WBS 000 Total</b>	<b>8.9</b>	<b>8.9</b>	<b>8.2</b>	<b>0.0</b>	<b>0.0%</b>	<b>0.7</b>	<b>7.5%</b>	<b>958.3</b>
Communications	0.2	0.2	0.2					14.6
Safety, Health, Security and Quality	1.3	1.3	1.8					104.5
Environmental Program and Strategic Planning	0.2	0.2	0.2					25.0
Prime Contract and Project Integration	0.7	0.7	0.6					53.1
Business Services	6.3	6.3	5.7					755.9
Engineering, Projects and Construction	0.5	0.5	0.7					35.6
PS&S G&A Adder Offset	-0.4	-0.4	-1.0					(30.4)
<b><u>PBS Allocations</u> (RL-0XX.99) Total</b>	<b>8.8</b>	<b>8.8</b>	<b>7.6</b>	<b>0.0</b>	<b>0.0%</b>	<b>1.2</b>	<b>13.3%</b>	<b>958.3</b>
<b>Base Total</b>	<b>3.6</b>	<b>3.6</b>	<b>3.2</b>					<b>800.6</b>
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	0.7					265.8
RL-30	1.0	1.0	1.0					179.1
RL-40	0.2	0.2	0.1					156.8
RL-41	0.7	0.7	0.3					62.8
RL-42	0.0	0.0	0.0					4.0
<b>ARRA Total</b>	<b>5.1</b>	<b>5.1</b>	<b>4.5</b>					<b>157.7</b>
RL-11	1.6	1.6	1.1					40.9
RL-13	1.3	1.3	1.3					36.9
RL-30	0.5	0.5	0.6					16.5
RL-40	1.1	1.1	1.1					38.3

RL-41	0.7	0.7	0.4					25.1
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Numbers are rounded to the nearest \$0.1M.

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

The current month schedule variance is within threshold.

**CM Cost Performance: (+\$0.7M/+7.5%)**

The variance is primarily due to higher than planned G&A from GPP/CENRTC projects, lower FY2011 pension plan contribution, disallowed Home Office costs, and retiree insurance premium; 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.

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

Level of Effort.

**CM Cost Performance: (+\$1.2M/+13.3%)**

See Indirect WBS 000 analysis above.

A variance of +\$0.7M 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)
<b>Indirect WBS 000 Total</b>	<b>300.5</b>	<b>300.2</b>	<b>276.9</b>	<b>-0.3</b>	<b>-0.1%</b>	<b>23.3</b>	<b>7.8%</b>	<b>958.3</b>
Communications	6.5	6.5	6.0					14.6
Safety, Health, Security and Quality	50.7	50.4	56.5					104.5
Environmental Program and Strategic Planning	9.6	9.6	9.1					25.0
Prime Contract and Project Integration	26.6	26.6	23.1					53.1
Business Services	214.9	214.9	194.3					755.9
Engineering, Projects and Construction	17.6	17.6	17.1					35.6
PS&S G&A Adder Offset	-25.5	-25.5	-29.1					(30.4)
<b><u>PBS Allocations (RL-0XX.99) Total</u></b>	<b>297.7</b>	<b>297.7</b>	<b>271.5</b>	<b>0.0</b>	<b>0.0%</b>	<b>26.3</b>	<b>8.8%</b>	<b>958.3</b>
<b>Base Total</b>	<b>154.5</b>	<b>154.5</b>	<b>148.8</b>					<b>800.6</b>
RL-11	20.8	20.8	20.4					44.6
RL-12	28.2	28.2	27.2					87.5
RL-13	41.2	41.2	38.7					265.8
RL-30	44.1	44.1	46.3					179.1
RL-40	9.0	9.0	7.0					156.8
RL-41	9.7	9.7	7.7					62.8
RL-42	1.6	1.6	1.4					4.0
<b>ARRA Total</b>	<b>143.2</b>	<b>143.2</b>	<b>122.7</b>					<b>157.7</b>
RL-11	35.1	35.1	29.8					40.9
RL-13	33.2	33.2	30.3					36.9
RL-30	15.4	15.4	14.6					16.5
RL-40	36.1	36.1	27.9					28.3
RL-41	23.4	23.4	20.0					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: (+\$23.3M/+7.8%)**

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 \$5.0M is primarily due to higher G&A from GPP/CENRTC projects, lower pension plan contribution, and lower retiree insurance premiums. This is offset by increased staffing to support safety and work control programs, increased beryllium program costs, cost of radiation protection program equipment, and increased construction program support due to higher FY2011 construction activity.

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

Level of Effort.

**CTD Cost Performance: (+\$26.3M/+8.8%)**

See Indirect WBS 000 analysis above.

A variance of +\$5.4M 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 (WBS 99 Allocations \$935.4M) and the BAC (+\$958.3M) 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	
<b>ARRA</b>	68.0	68.0	0.1
<b>Base</b>	<u>46.1</u>	<u>46.0</u>	<u>0.0</u>
<b>Total</b>	<b>114.1</b>	<b>114.0</b>	<b>0.1</b>
Communications	2.4	2.4	
Safety, Health, Security and Quality	27.0	27.0	
Environmental Program and Strategic Planning	3.5	3.5	
Prime Contract and Project Integration	8.8	8.7	
Business Services	78.0	78.0	
Engineering, Projects and Construction	8.4	8.3	
PS&S G&A Adder Offset	(13.9)	(13.9)	
<b><u>PBS Allocations</u></b> <b><u>(RL-0XX.99) Total</u></b>			
<b>Base Total</b>	<b>46.1</b>	<b>46.0</b>	<b>0.1</b>
RL-11	4.3	4.3	
RL-12	9.3	9.3	
RL-13	8.4	8.4	
RL-30	17.8	17.7	
RL-40	2.0	2.0	
RL-41	4.1	4.1	
RL-42	0.2	0.2	
<b>ARRA Total</b>	<b>68.0</b>	<b>68.0</b>	<b>0.0</b>
RL-11	17.4	17.3	
RL-13	19.1	19.1	
RL-30	8.8	8.7	
RL-40	15.4	15.4	
RL-41	7.5	7.5	

Numbers are rounded to the nearest \$0.1M.

**Funds Analysis**

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

**Baseline Change Requests**

None.

**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.