

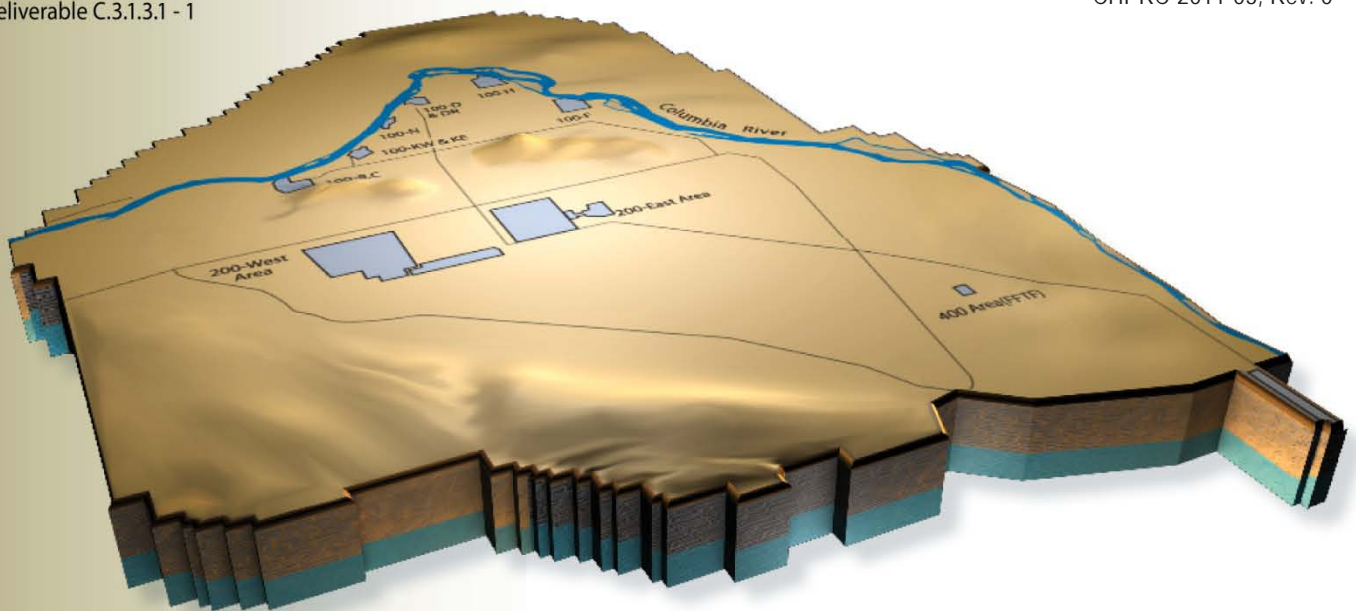


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President and Chief
Executive Officer

Monthly Performance Report

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March 2011
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CONTENTS

EXECUTIVE SUMMARY.....	2
TARGET ZERO PERFORMANCE.....	4
PROGRAM SUMMARIES.....	5
PROJECT SUMMARIES.....	12
KEY ACCOMPLISHMENTS.....	18
MAJOR ISSUES.....	22
EARNED VALUE MANAGEMENT.....	25
FUNDING ANALYSIS.....	38
BASELINE CHANGE REQUESTS.....	39
SELF-PERFORMED WORK.....	44
GOVERNMENT FURNISHED SERVICES AND INFORMATION.....	44

PROJECT BASELINE SUMMARY SECTIONS

Section A – Nuclear Materials Stabilization and Disposition of PFP (RL-0011).....	A
Section B – Spent Nuclear Fuel Stabilization and Disposition (RL-0012).....	B
Section C – Solid Waste Stabilization and Disposition (RL-0013).....	C
Section D – Soil and Groundwater Remediation Project (RL-0030).....	D
Section E – Nuclear Facility D&D, Remainder of Hanford (RL-0040).....	E
Section F – Nuclear Facility D&D, River Corridor (RL-0041).....	F
Section G – FFTF Closure (RL-0042).....	G

APPENDICES

Appendix A – Contract Performance Reports
Appendix A-1 – Contract Performance Reports - ARRA
Appendix B – Contract Deliverables, Milestones, Metrics
Appendix C – Project Services and Support (WBS 000) (PBS RL-XX.99)

EXECUTIVE SUMMARY

On March 30, the Waste and Fuels Management Project (W&FMP) completed a Key Performance Parameter (KPP) to retrieve 50 cubic meters (m³) of remote-handled (RH) Transuranic (TRU) waste from the Hanford Site. In comparison to contact-handled (CH) TRU, RH-TRU requires additional radiation dose controls (e.g., time, distance, shielding) for worker protection. CHPRC has exceeded the RH-TRU fiscal year 2011 plan, having shipped 62 m³ to a treatment, storage, or disposal facility.



Americium Recovery Facility

Decommissioning and Demolition (D&D) Project crews and subcontractors performed a successful test of the grouting of void spaces inside U Canyon, pouring 144 cubic yards of grout into the 221-U North Electrical Gallery. The grout performed as designed, flowing into holes as small as four inches in diameter and fully encapsulating debris placed in the room.



Aerial view of 200 West Groundwater Treatment Facility

The Plutonium Finishing Plant (PFP) Closure Project continued with no lost time or recordable incidents as the team progressed toward KPP goals. In March, the team initiated size reduction on two gloveboxes inside the highly contaminated 242Z Facility, an important step in preparing the facility for demolition.

The Soil and Groundwater Remediation Project (S&GRP) completed revegetation of 140 acres of the BC Control Area. Also, through March the DX facility has processed about 75 million gallons of water without a single resin change.



U Canyon grout test

The Engineering, Projects and Construction (EPC) Project surpassed 50 percent construction at the 200 West Groundwater Treatment Facility. Equipment placement is complete for the Radiological Building and equipment installation has begun for the Biological Process building, the largest of the main process buildings.

Focus on Safety

The March President's Zero Accident Council (PZAC) was sponsored by the CHPRC Safety, Health, Security, & Quality (SHS&Q) organization. The three primary messages for the meeting were:

- Home Fire Safety
- Pest Control
- Sprain and Strain Prevention

The CHPRC injury and illness statistics were discussed, including analyses and the lessons learned from two recordable injuries. An ALARA update was provided by the Radiation Protection Program and PZAC was wrapped up with a HERO award presented for an employee's response to aid a co-worker in personal medical distress.

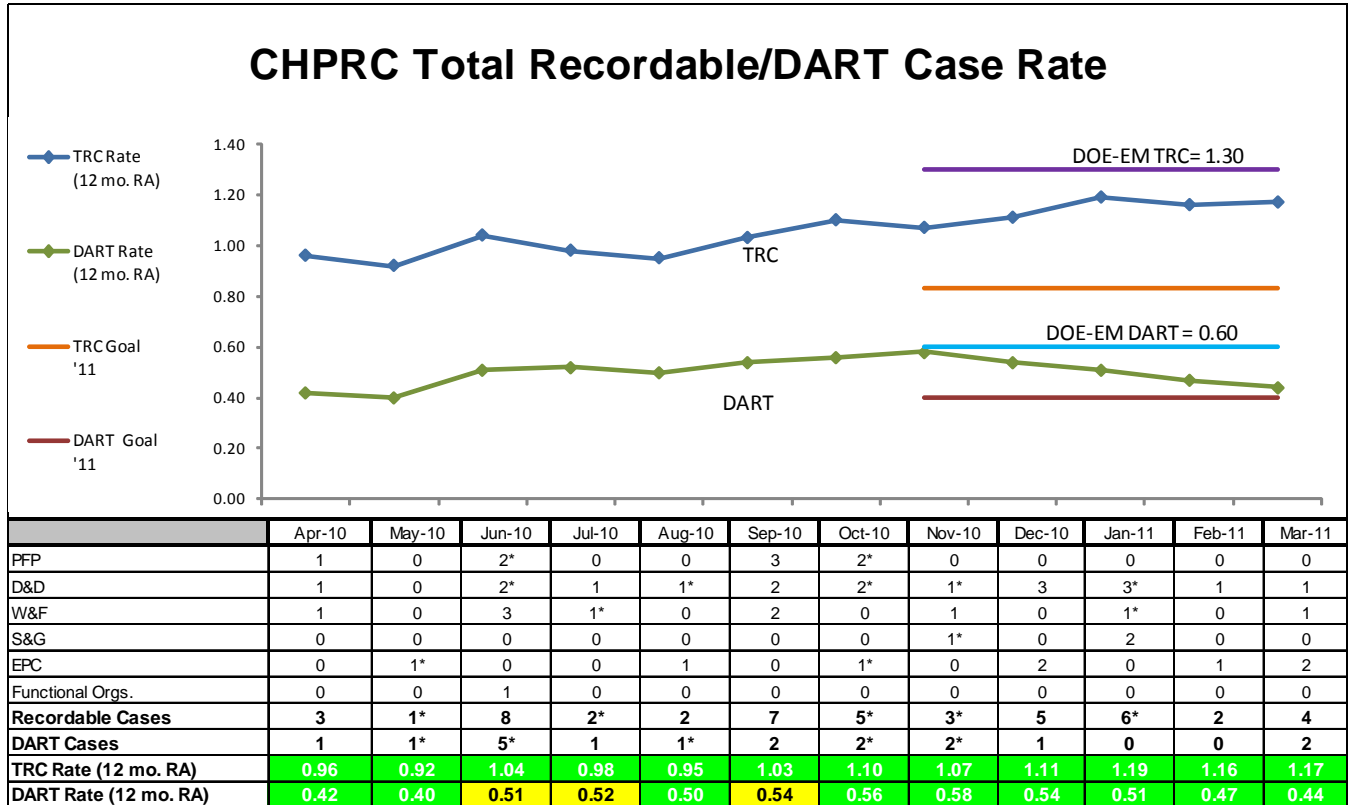
March Thinking Target Zero topics included Emergency Eyewash, Jobsite Review, a Voluntary Protection Program (VPP) update, Management of Aerosol Cans, and Biobased Products. The Weekly Safety Tailgate included working alone, energy conservation, working from elevated surfaces/fall prevention awareness, scaffold safety, vision/eyesight protection, lockout/tagout, situational awareness, ergonomics, radiological dosimetry, and summaries of injury and close call incidents.

Radiological Protection continued to improve the electronic radiological survey report process and is developing a similar system to reduce errors noted with instrument source checks. Support was provided toward site-wide efforts to implement DOE O 458.1, *Radiation Protection of the Public and the Environment*.

Sixteen emergency preparedness drills were performed in March including ten operational drills. CHPRC obtained DOE approval for the 202-S Reduction Oxidation Plant Project Emergency Preparedness Hazards Assessment. CHPRC hosted the second Quarter Limited DOE Evaluated Exercise at T-Plant.

TARGET ZERO PERFORMANCE March 2011

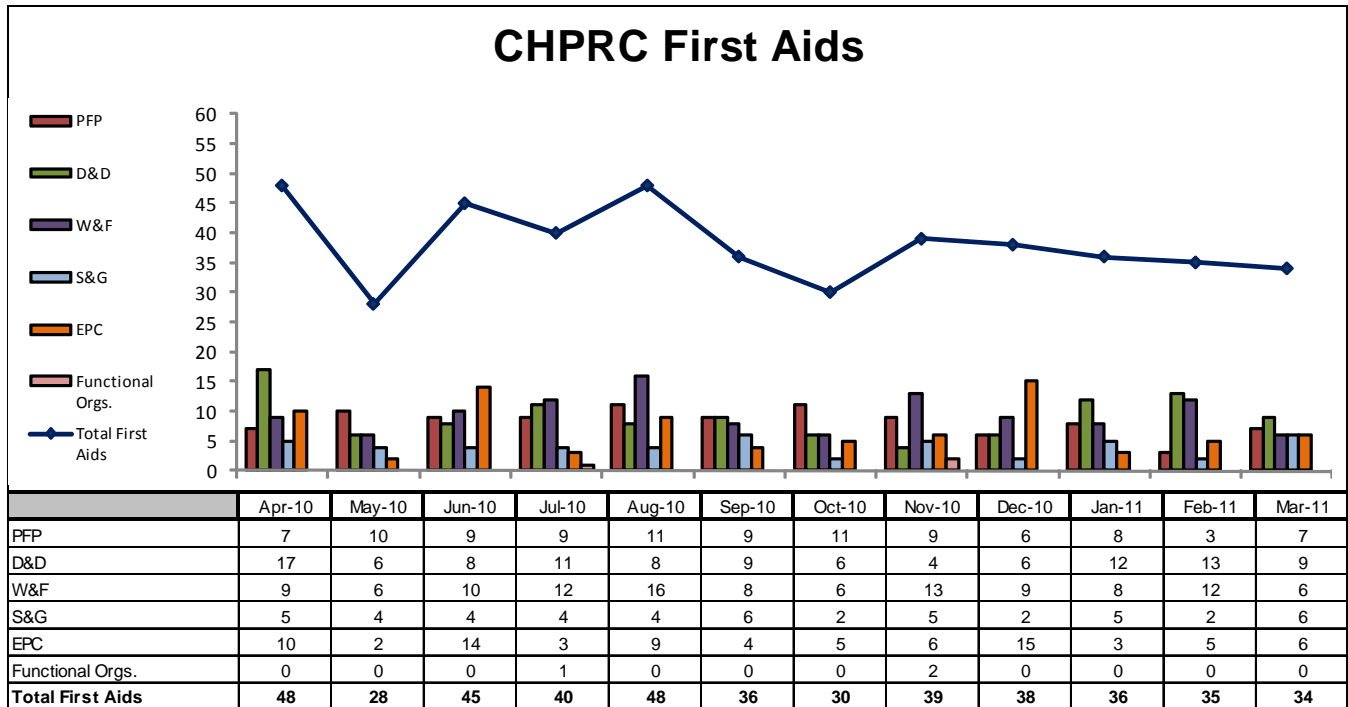
CHPRC continued focusing on integrating safety programs in all program and project areas.



Total Recordable Injury Case (TRC) Rate – The 12-month rolling average TRC rate of 1.17 is based upon a total of 48 recordable injuries for the period. There were four Recordable cases in March. One case updated to Recordable from January 2011. There are currently five cases under review requiring additional information.

Days Away, Restricted or Transferred (DART) Workdays Case Rate – The 12-month rolling average DART rate of 0.44 is based upon a total of 18 cases (14 Days Away, 5 Restricted).

(*The monthly numbers indicated in the chart are updated to reflect the month in which the injury occurred. The rates also capture any changes resulting from reclassified cases or those added as a result of completed investigations.).



First Aid Case Summary – Thirty-four first aid cases reported in March. The biggest contributors were 14 sprains, strains and/or pains, nine abrasions or bruises from contact with objects. Seventeen percent (seven) of the first aids were from slips/trips/falls, only two of them from adverse weather conditions. Of the 14 sprains, strains and pains; most were from awkward positions, motion or overexertion.

PROGRAM SUMMARIES

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

During the month of March, a two-week on-site VPP Assessment was conducted by the DOE- HQ Assessment Team. The Assessment Team is recommending CHPRC for VPP MERIT status. The Assessment Team felt CHPRC has a highly effective program and as a team is on the right track toward attaining STAR status in the future. The Assessment Team noted the amount of change CHPRC has undergone since contract start and recognized a tremendous improvement in our safety and health program. The assessment outbrief provided a summary of areas considered to be best safety practices as well as areas needing improvement. A report from the Assessment Team is expected within the next few months with recommendations for improvement. DOE-HQ will then re-evaluate CHPRC in 12 to 18 months.

SHS&Q began a series of messages to managers to help them understand, support, and communicate to employees the purpose, importance and benefits of the Integrated Corrective Action Plan (ICAP). The ICAP is an integrated improvement strategy developed and approved by CHPRC and RL leadership to address performance gaps and strengthen the safety culture. The four focus areas of the ICAP include Corrective Action Management, Work Management, Operational Performance, and Self-Assessment and Performance Trending. Managers were encouraged to actively participate and contribute in the ICAP, and to promote the Integrated Safety Management System/Environmental Management System (EMS) expectations, the 2011 Performance Objectives Measures and Commitments, and the Outcomes, Success Factors, and Performance Expectations outlined in CHPRC’s Continuous Improvement Plan.

Environmental Program and Strategic Planning (EP&SP)

Environmental Management System (EMS)

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

CHPRC received two Best-in-Class and two Honorable Mention EM ESTARS Pollution awards.

Two Prevention award nominations have been forwarded for further consideration to DOE-HQ:

- Best-in-Class: Maintenance and Storage Facility (MASF) Modifications to Save Millions of Gallons of Water Usage and SAM 940 Innovations
- Honorable Mention: Pump and Treat Goes Wireless and Super Dump Trucks

Compliance Inspections and Reviews

The U.S. Environmental Protection Agency (EPA) National Enforcement Investigations Center, with participation from EPA Region X and Ecology staff, conducted an inspection of dangerous waste management compliance at T Plant, Central Waste Complex, Waste Receiving and Processing, and trenches 31 and 34 from March 14 through March 24, 2011. A briefing at the end of the inspection indicated the inspectors will continue to review the documentation provided during the inspection and it may be months before a final report is issued.

CHPRC coordinated submittal of 100K Record of Decision M-16-140 Milestone to meet due date.

CHPRC provided extensive technical assistance for the 209E Building Remedial Design (RD)/ Remedial Action Work Plan (RAWP), 200E Tier II Buildings Action Memo, 221U-Facility RD/RAWP and the Investigation Derived Waste Strategy.

CHPRC input to the draft Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) Five Year Review was completed in March.

Responsibility and performance for Cultural/Historical/Ecological Reviews are being transferred from Pacific Northwest National Laboratory (PNNL) to Mission Support Alliance (MSA). The Environmental Program Department is taking the lead to identify areas to improve the process and shorten the times to perform, review and obtain concurrence on the reviews.

Hanford Site Air Operating Permit renewal application activities began in January and meetings have been held with MSA, Other Hanford Contractors, and the Washington Department of Health and Ecology. Comments will be due to MSA by April 28, with RL and ORP submitting the formal renewal application to Ecology by June 30, 2011.

Environmental Review and Quality Assurance

Independent Assessments Completed:

- EP&SP-2011-IA-9511-EQA Audit of CERCLA activities resulted in four findings and six opportunities for improvements (OFIs).
- EP&SP-2011-IA-10535-EQA Assessment of CH2M HILL Analytical Services Lab for compliance with the Statement of Work and the EQAPP resulted in two findings.

Management Assessments Completed:

- EP&SP-2011-MA-9508 – Review of Toxic Air Permitting Compliance resulted in three OFIs.
- EP&SP-2011-MA-9509 – Mercury & Mercury Contaminated Equipment Management resulted in one Opportunity for Improvement.

Business Services & Project Controls

CHPRC approved and implemented eight baseline change requests, of which four were administrative in nature, and did not change budget, schedule or scope.

Overall the contract period performance measurement baseline (PMB) budget increased \$4.2 million in March 2011. Management reserve was used in the amount of \$2,283.3K as follows: (1) \$1,577.3K for RL-0041. Because the new approach for demolition of the 181KE & 181KW structures incorporates corrective actions determined to be necessary as a result of the Ecological/Cultural Resource reviews, it represents a realization of risk KBC-020, Ecological/Cultural Conditions Restrict Field Activities; and, (2) \$706K of management reserve for RL-0011 to cover estimate uncertainties for demolition of the 2736-Z/ZB vaults. As documented in administrative change request BCRA-PRC-11-002R0, "Adjustments to Fee", the fee distribution was reduced \$56.7 million to \$247.3 million consistent with Contract Modification 147. See the Format 3 Report in Appendix A and A-1 for a complete listing of the specific change requests and the impact on the PMB budget by fiscal year.

CHPRC completed the field work for the Sludge Treatment Project (STP) change proposal and continued collecting information to support pending negotiations.

During March, Prime Contracts received and processed nine contract modifications (numbers 110, 141, 144, 145, 148, 149, 150, 151, and 154) from RL. The Correspondence Review Team reviewed and determined distribution for 59 incoming letters and the Prime Contract Manager reviewed 61 outgoing correspondence packages.

Prime Contracts participated in initial fact-finding meetings with RL to negotiate open change orders involving HX Pump-and-Treat, Central Plateau Decision Documents, ZP-1 Pump-and-Treat Operations and Maintenance, and Sludge Treatment.

The last two American Recovery and Reinvestment Act (ARRA) mobile offices (MO2340 and MO2341) are scheduled for occupancy by April 25, 2011. Upon acceptance, S&GRP will begin a series of moves designed to consolidate operations and vacate older, high maintenance facilities that can be placed in cold and dark status awaiting D&D.

The 2011 Inventory of Sensitive Property and Equipment items continued and is on schedule for completion in July. There are 6,879 items to be inventoried valued at \$124M. To date, 4,669 (or 68 percent) of the items have been accounted for. There have been no reported losses.

In preparation for ARRA Ramp Down and Workforce Restructuring, Facilities and Property Management (F&PM) is preparing detailed asset profiles for each CHPRC Project that includes analysis of leased and owned facilities, administrative data processing (ADP) Equipment, Light Vehicles, Heavy Equipment and Equipment rentals. This analysis will assist in efficient ramp down and right sizing of the CHPRC asset base to accommodate reduced activity levels in fiscal year (FY) 2012.

The procurement group awarded 72 new contracts with a total value of \$8.8M, amended 573 existing contracts with a total value of \$6M, and awarded 561 new purchase orders valued at \$1.7M to support Base/ARRA acceleration objectives.

As measured at the end of the first 30 months, CHPRC's procurement volume has been significant; \$1.65B in contract activity has been recorded with approximately 49 percent or \$819M in awards to small businesses. ARRA funded activity totals 42 percent or \$689M of the grand total. This includes 4,958 contract releases, 8,764 purchase orders, and over 155,000 P-Card transactions.

As part of continuing improvement for tracking and communicating actions between RL Contracts and CHPRC Procurement, CHPRC Procurement created a Consent Tracking Log and Acquisition Planning Document (APD) Tracking Log. These logs will be used to track each action and keep all

communication regarding consent packages or APDs in one convenient location for both RL and CHPRC use.

The Materials Procurement group recently purchased a web-based computer program called Quick Base. This program provides Buyers the capability to communicate electronically with the field regarding any issues (part numbers/QA discrepancies, etc.) that need clarification prior to a purchase order being awarded. In addition, the program tracks cycle time to resolve issues and identifies how long the issue is with a specific person, providing Procurement with reports that assist in managing the work and providing management with time-specific information for work flow issues.

CHPRC received a P-Card rebate of \$379,904.91 from the bank. This includes approximately \$30,500 for quick payment.

CHPRC held a meeting with all P-Card Holders to address current Internal Audit results and review recent changes made to the *PCard Holder's User Manual* and the *Purchasing Card* procedure. Material Services continued to work with Lockheed Martin Services Inc. to automate download of scanned P-Card records into the Integrated Document Management System (IDMS). The interface should be in production in April. Interns have been scanning October P-Card records in preparation for upload to IDMS.

CHPRC implemented a change to the Plateau Remediation Company Material Services System enabling Engineers to modify quality assurance information on Electronic Bill of Materials (eBOMs). The change has resulted in at least a two-day improvement in cycle times for construction material purchases.

CHPRC completed a Condition Reporting and Resolution System action to add Radiation Monitoring and Industrial Hygiene Sampling equipment to the P-Card Prohibited Items list.

Interface Management worked issues associated with MSA unilaterally implementing changes to MSA provided services. Since the beginning of FY2011, CHPRC believes MSA has unilaterally made changes to the delivery of MSA provided services defined by the Attachment J-3 *Hanford Site Services and Interface Requirements Matrix*. These changes negatively impact CHPRC's ability to perform contractual commitments and resulted in unplanned costs due to MSA shifting costs from direct RL funding to service users. CHPRC formally requested MSA provide a complete list of those changes and their associated cost impacts to help determine an agreeable path forward and communicate the impact outcome to RL contracting officers.

Interface Management continued to work with MSA to resolve concerns with FY2011 changes in rate structures for Analytical Services, Crane and Rigging Services, Facility Services, Motor Carrier Services, and Roads and Grounds Services. CHPRC is concerned change costs 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 passed to Other Hanford Contractors.

Working with SHS&Q and Computer Services Corporation (CSC) Hanford Occupational Health Service, Interface Management led completion of a revision to the Memorandum of Agreement between CSC and CHPRC incorporating the impacts of RL's change to CSC's contract which removed "treatment" from the scope of services.

Working with the W&FMP and MSA, Interface Management generated a revision to the Administrative Interface Agreement *MSA Motor Carrier Services and Fleet Maintenance Support to CHPRC "Ready to Serve" Waste Transportation and Disposal at the Environmental Restoration Disposal Facility*, that incorporated changes required to provide fleet roll-off trucks to a subcontractor as Government Furnished Equipment for use on waste site remediation. At month end this document was undergoing final approval.

Interface Management supported CHPRC Labor Relations' completion of a new interface agreement, *Agreement on Hanford Atomic Metal Trades Council (HAMTC) Seniority Related Discharges and Replacements*, between CHRPC, Washington Closure Hanford (WCH), Eberline Services, Advanced Technologies and Laboratories International, Inc., Washington River Protection Solutions (WRPS), and MSA that addresses how the costs of layoffs and furloughs will be allocated for HAMTC workers in relation to the HAMTC worker seniority agreement.

Working with PFP and MSA, Interface Management continued to lead efforts to insure adequate numbers of Scott Health & Safety breathing air hoses were procured to support PFP D&D efforts.

Working with the W&FMP and MSA, Interface Management continued to work on dispositioning the outdated agreement between CHPRC and MSA, *HNF-16695, IA between FH Waste Stabilization and Disposal and FH Fire Department for Inspection, Testing, Maintenance of WS&D Fire Alarm and Suppression Systems*. This agreement was created prior to the PRC and MSC and the creation of the *CHPRC/MSA Memorandum of Agreement for the Performance and Payment of Services, the MSA Nuclear Safety Protocol, and the J-3 ID #20: Fire and Emergency Response Services (Fire Protection System Inspection, Testing, and Monitoring)* Service Delivery Document, causing the agreement to be out of date.

Interface Management assisted D&D in working with MSA Fleet Services to agree on a path forward for the availability of a truck mounted remote controlled aggregate delivery system to be utilized to place gravel into each of the 100K River pump structures prior to demolition.

Interface Management assisted D&D coordinate with CSC, MSA, WCH, and WRPS with the impacts of explosive demotion activities at the 200E Power House Water Tower on Other Hanford Contractor 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 associated with the Waste Treatment and Immobilization Plant (WTP) instead of the current practice of WTP approaching other Hanford Prime Contractors directly.

Interface Management continued to work with MSA and WRPS on the changes required to the DOE J-3 *Site Services and Interface Requirements Matrix* to reflect the change to CSC's contract to remove "treatment" from their scope, transfer responsibility for the Public Safety and Resource Protection services scope from PNNL to MSA, WRPS's role in WTP related interfaces, and a change in Information Security - (*Operations Security (OPSEC)*) requirements.

Interface Management continued to work with W&FMP and Treated Effluent Disposal Facility (TEDF) waste generators on an update to *HNF-SD-W049H-ICD-001, 200 Area Treated Effluent Disposal Facility*. The proposed revision, which documents interface requirements for safe, compliant operation of the TEDF, is required to update current references and physical configurations.

Interface Management continued to work with MSA Strategy & External Affairs 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 WRPS toward reaching consensus on changes to the draft *Hanford Site Interface Management Plan* proposed by MSA to address RL comments.

Along with representatives of other Hanford Prime Contractors, Interface Management continued to support the MSA led RL-sponsored initiative to develop Greenhouse Gas Reduction Feasibility Studies.

Engineering, Projects and Construction (EPC)

Central Engineering (CE) participated in a DOE-HQ led review of the Savannah River Mixed Oxide Processing Facility. The review team consisted of senior DOE-HQ staff and select contractors and is part of the enhanced reviews of major DOE-EM Projects. Team members reviewed a wide variety of topics and provided recommendations to the Shaw/AREVA A-E team.

CE reviewed and commented on the Statement of Work for the Sludge Treatment Project (STP) Engineered Container Retrieval, and Transport System (ECRTS) exhaust ventilation equipment design, fabrication, and testing. This included a review of the STP-ECRTS exhaust ventilation equipment ASME AG-1-2009 Compliance Matrix Plan.

CE chaired the Conceptual Design Review and provided comments on the WESF K1/K3 exhaust upgrades.

CE offered the High-Efficiency Particulate Air (HEPA) Filter Training Course on March 15 and 16 (Course No. 020420). The course was attended by 38 students from across the Hanford Site.

CE is participating with DOE-HQ 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, with the same title and will incorporate the seismic requirements defined in DOE-STD-1189.

CE is serving on the Management Assessment Team for the U Canyon Northern Electrical and Piping Galleries Grouting.

CE reviewed and provided input to the S&GRP Apparent Cause Report CR-2011-0458, relating to the shock incident at well 199-D5-125 at 100D area.

A CE representative attended the two-day ASME B31.3, Pressure Safety, training course and the Engineering Practices Working Group Pressure Safety Task Team Meeting at Savannah River National Laboratory.

CE performed a review/assessment of suspect weldments associated with WCH Environmental Restoration Disposal Facility (ERDF) truck frames. Welds attaching the hoist rail to the truck frame displayed linear indications at the weld toe, near the start of the weldment. The indications are believed to be minor undercut incurred at the time of initial fabrication; they do not appear to have been caused by weldment service. Additional nondestructive examination was recommended to confirm the assessment.

Communications and Outreach

Communications facilitated internal and external media coverage of the March 4 explosive demolition of 284E Power House support structures – positive coverage was received on local news. News and broadcast coverage of the demolition also received state- and region-wide TV, radio and print attention, including *Tri-City Herald*, Northwest Public Radio, *Seattle Times* and *Seattle Daily Journal of Commerce*.

Media coverage in March also included *Engineering-News Record* magazine reported on PFP Pencil Tank removal.

Internal project communications included a VPP newsletter for W&FMP workers, weekly D&D Safe At Work posters featuring job photos and management-directed safety messaging, weekly PFP progress and safety emails, and beginning design of a shift office information release to provide frequent and easy-to-read news to S&GRP workers.

CHPRC supported tours with the Pentagon Channel and two individuals from RL who support preservation of artifacts from Hanford facilities.

CHPRC continued rolling out the Workforce Restructuring Communication Plan, with features in *On the Plateau* and on the intranet.

Other ongoing communications campaigns included the “Diversity is the Key” poster with a feature on Women’s History Month, and the monthly “EMS Challenge,” with this month focused on energy conservation.

Communications provided public involvement planning support for the Deep Vadose Zone Operable Unit project. A technology information exchange is tentatively scheduled for June 7. A “Save the Date” announcement was drafted and submitted to RL. Information products are being developed to support the effort.

CHPRC began planning the public involvement efforts for two upcoming CERCLA proposed plans: 200-UP-1 Operable Unit and PW-1, 3, 6 Operable Unit. These proposed plans are anticipated to go out for public review in May and June, respectively.

Communications provided information to support the March Hanford Advisory Board and State of the Site Meetings.

CHPRC helped plan the media event for the kick-off of the Deep Vadose Zone Applied Field Research initiative on April 29.

Communications representatives attended and co-chaired a session at the Waste Management Symposium in Phoenix, Arizona, and also provided writing support for the Symposium daily newsletter.

Coordinated briefings for several tours of areas within CHPRC scope:

- 100K: Delegation from ROSATOM, the Regulatory Body of the Russian Nuclear Complex
- Groundwater Sites: North Dakota State University Geoscience Department Professors and Students
- 100K: FEMA Director and associates
- 100K: Oregon State University Students

Communications coordinated CHPRC’s participation in community outreach activities, including the American Cancer Society Relay for Life and the March of Dimes March for Babies.

CHPRC began issuing bi-weekly updates on the ICAP to help workers understand what ICAP is and how it is being implemented across the CHPRC projects.

Video production included four episodes of InSite and four Recovery Act videos. CHPRC also supported production of the Groundwater Remediation and Central Plateau sections of the Hanford Story.

Communications published the monthly newsletter, *On the Plateau*, which features project and employee accomplishments across the site.

Communications continued publishing a weekly Recovery Act progress report and video per contract requirement Contract No. DE-AC06-08RL14788 – Modification M047, as well as a one-page weekly newsletter. Videos produced in March showcased demolition and construction at the Hanford Site including explosive demolition in the 200 East Area, preparations to demolish the 183KE Sedimentation Basins, equipment installation at the 200 West Groundwater Treatment Facility and delivery of transformers for PFP.

CHPRC submitted an update on the 200 West Groundwater Treatment Facility construction for RL's social networking sites.

The March issue of the DOE Office of Environmental Management (DOE-EM) *Recovery News* newsletter featured CHPRC's progress in small business and local subcontractor awards. CHPRC also supported RL with input for a DOE-EM News Flash about Recovery Act payments surpassing \$1 billion. For consideration in future issues of the newsletter, CHPRC submitted a story about helping the Recovery Act workforce build skills and experience for future opportunities, a profile on a small business subcontractor, and the 284W explosive demolition video setting the record for hits on RL's YouTube web site. For consideration in the DOE-EM *Update* newsletter, CHPRC also submitted a story about progress in removing the U Ancillary facilities.

PROJECT SUMMARIES

RL-0011 Nuclear Materials Stabilization and Disposition

The PFP Project continues to maintain PFP facilities compliant with authorization agreement requirements. The project attained more than one million work hours without a lost workday injury during February, and completed 60 days without a reportable event involving hazardous energy control, radiological control or conduct of operations. Seven minor first aid injuries were experienced during the month.

ARRA

Removal of plutonium-contaminated process equipment continued as a top priority in readying the PFP Complex for demolition, with a particular focus on removal of gloveboxes and associated piping and ductwork from the process, lab, and vault areas. The 2736Z/ZB complex vault team completed removal of the filters from Room 636, glovebox HEPA filters from Room 642 and 50 percent of the remaining known contaminated ductwork from Room 642 to support readiness for demolition of the facilities later this year. A total of 105 gloveboxes have been removed to date with Recovery Act Funds. Of these, 101 have been shipped out of PFP for treatment or disposal and four have been staged for size reduction and disposal as TRU waste. Size reduction of glovebox 139-6 was completed in Room 172 in just three working days; this is the fourth glovebox to be processed through the new centralized size reduction station. Three of five sections of the 70-foot long HA-28 conveyor glovebox were shipped to an offsite treatment facility for size reduction. The remaining two sections are staged for size reduction at PFP.

In the Analytical Laboratory, glovebox 522 was removed from room 152 and staged for size reduction. This leaves only one glovebox to be dispositioned in the Analytical Laboratory from room 145. A third application of RadPro® will be used in an effort to achieve low level waste disposal criteria before painting the box and removing it from building ventilation. In the Plutonium Process Support Laboratory, six gloveboxes have been isolated, painted and removed from building ventilation. Three of these (179-10, -11 and -12) were separated and relocated to another area within the room. Preparations to separate the other three (179-2, -3 and -4) were completed and these boxes are ready for removal. External isolations were completed on glovebox 188-1. The two remaining boxes (179-6 and 179-9) have one drain line disconnect remaining, after which they will be painted and removed from building ventilation.

In the Remote Mechanical C (RMC) Line, the HC-3 and HC-4 conveyor gloveboxes have been isolated from building ventilation, and two of the three sections of HC-3 have been separated and prepared for removal from room 230C. In the Remote Mechanical A (RMA) Line, the HA-19B1 and B2 gloveboxes were isolated from building ventilation, and the upper section of B2 was separated and removed.

Surface Contaminated Object surveys determined the boxes will need to be disposed as TRU waste. Work to disposition three gloveboxes in place in the former Radioactive Acid Digestion Test Unit area is also nearing completion. The crew separated glovebox 100 from glovebox 200 and cleanout and removal of waste from inside glovebox 100B/C is continuing.

The 242Z Americium Recovery Facility D&D team initiated a new, more efficient work process that will allow two fresh-air entries into the facility per day versus one. Work to size reduce the first two gloveboxes continues, and the team is 90 percent complete on WT-5 and 60 percent complete on WT-4. Progress in completing process vacuum piping removal continued, with 199 feet removed this period, bringing the total removed to 1,210 feet. The process transfer line removal crew was able to remove 109 feet this period, for a total removed of 476 feet. Insulator crews also removed asbestos from piping and ductwork, bringing the total linear footage completed at PFP with Recovery Act funds to 13,764 feet. As the pace of D&D work has accelerated at PFP, so have waste generation rates. CHPRC has now shipped approximately 2,966 cubic meters of waste from PFP with support from Recovery Act funds, including 2,443 cubic meters of low level and mixed low level waste, 500 cubic meters of TRU waste, and 23 cubic meters of nonradioactive waste.

Work to install two trailer-mounted transformers to support temporary power distribution systems continued on the north and south sides of 234-5Z; the last of the trenches needing near-term stabilization to support removal and handling of heavier gloveboxes were grouted; and the new Mobile Decontamination Facility was placed in operation, providing emergency decontamination capability on both the east and west sides of the building.

Base

236Z Plutonium Reclamation Facility – All of the sections of the maintenance, charging, canning and loading gloveboxes have been shipped to the Central Waste Complex (CWC).

Size reduction of pencil tank assembly 17 (Tank 17) was completed. The first Standard Waste Box (SWB) containing segments of Tank 17 is being processed for shipment. Design of a band saw frame to allow the use of a band saw to size reduce the pencil tank assemblies and improve the efficiency of the process was completed. Fabrication and assembly of the mockup has been initiated.

Two additional Plutonium Reclamation Facility (PRF) field work teams were reassigned to work higher priority work in the RMC/RMA lines. This is impacting planning and field work for the removal of the Miscellaneous Treatment and column gloveboxes.

RL-0012 Spent Nuclear Fuel Stabilization and Disposition

The Knockout Pot (KOP) subproject completed both qualification testing and operator training on the pretreatment equipment this past month. Operator input will require minor equipment modifications be made prior to installation and operation in the K West Basin. The equipment was de-installed from the MASF test set-up and returned to the fabricator for modifications prior to shipment to 100K for staging and installation. 100K operations personnel are clearing the floor space in the footprint area where the equipment will be installed. In addition, KOP #12 (the last KOP in service) was removed and the Integrated Water Treatment System was returned to operational status. Pretreatment operations are scheduled to commence in late April, after a Level 3 Readiness Review.

The ECRTS subproject completed the Integrated Decant System test and the Overfill Recovery test this month. This completes the component level testing. During completion of these tests, the project moved forward with the development of the Integrated Technology Readiness Level – 6 test set up and procedure. The final interlock tests, based on the final control decision documents, have been completed, and the integrated water runs were completed. The next steps will be setting up for the

simulant mixing, draining the pool and loading the engineered container and initiating formal integrated testing at MASF.

ECRTS subproject internal comments were incorporated into the updated draft Fuel-Special Packaging Authorization (F-SPA) Checklist for the K East sludge material. The conclusion of the checklist indicates that up to three cubic meters of K East Basin sludge can be transported safely and is within the F-SPA's limitations per shipment. In addition, the structural review of the Sludge Treatment Storage Container (STSC) for both K West and settler tank sludge was issued. The structural review concluded that the previous structural evaluations of the STSC, developed when considering the K East sludge, were sufficiently bounded to cover the transports of the K West and settler tank sludge subpopulations.

An annotated outline was completed for the Technology Evaluation and Alternatives Analysis Report and Recommendation. The outline is based on a report consisting of two volumes. Volume 1 will be a 30 to 40-page summary of the evaluations and the recommendation. Volume 2 will contain the bulk of the data developed to support the evaluation. Significant progress has been made in developing the process description and evaluation appendices that form the bulk of Volume 2. Other key elements that will compose Volume 2 include selected sensitivity studies, the hazards consideration report, regulatory evaluations, and the cost and schedule evaluations. This approach is analogous to that taken in the previous STP alternatives analysis completed in 2009, which resulted in the recommendation to divide the project into Phase 1 and Phase 2. In addition, preliminary cost and schedule estimates were discussed with the RL Federal Project Director and his staff to provide input to RL's effort to address the M-016-140 milestone strategy.

RL-0013 Waste and Fuels Management Project (W&FMP)

The W&FMP focused on delivering safe, compliant performance.

ARRA

Work continued on a "middle-ware" utility to provide an accessible, user friendly and comprehensive interface for waste inventory, forecast, and reporting data. Mixed/Low Level Waste (MLLW): M-91-42 /435.1- shipped 51 cubic meters (m^3) to processing,(1,230 total under ARRA) and completed 32 m^3 during the month (952 total under ARRA); M-91-43 - shipped 43 m^3 to processing(172 m^3 total under ARRA) and completed 24 m^3 during the month (106 m^3 total under ARRA); On March 30, the Waste and Fuels Management Project (W&FMP) completed a KPP to retrieve 50 m^3 of remote-handled (RH) Transuranic (TRU) waste from the Hanford Site. Transuranic (TRU) Retrieval removed 263 m^3 of contact handled (CH)TRU waste from the trenches and shipped three m^3 of CH TRU waste and 36 m^3 of Remote Handled (RH) TRU waste.

Next Generation Retrieval removed 67 drums (13.7 m^3) and three boxes (3.1 m^3); completed assay of 68 drums (Gamma Assay), three drums (Passive/ Active Neutron (PAN) Assay System, and three boxes (portable assay). TRU Repackaging initiated Waste Repackaging Performance Point-of-Generation TRUM Repack (200 m^3): Shipped 12.3 m^3 from low level burial ground (LLBG) 3A to Perma-Fix Northwest (PFNW) for repackaging.

TRU Disposition facilitated strategy development and implementation for Next-Generation Retrieval container management and disposition through PFNW.

Base

The W&FMP continued maintaining facilities in a safe and compliant condition, remobilized for Waste Encapsulation & Storage Facility (WESF) roof upgrades and performed sampling, material staging, and loadout of Tank 100 contents. The CWC shipped 52 on-site transfers, 694 containers and received seven shipments, 55 containers.

Liquid Effluent Facilities sent 3.2M gallons treated effluent to the state-approved land disposal site and continued with Basin 43 Processing Campaign (processed 2.65M gallons).

RL-0030 Soil, Groundwater and Vadose Zone Remediation

ARRA

Progress through the end of the fiscal month March is summarized in the table below.

Activity	March		Cumulative	
	Planned	Completed	Planned	Completed
Well Drilling (# of wells) -303	1	5	302	300
Well Decommissioning (# of wells) -280	12	10	211	202
100 DX P&T – Construction/Startup (%)	-	-	100	100
200 West P&T – Final Design (%)	-	-	100	100
200 West P&T – Construction (%)	9	10	64	62
200 West P&T – Testing/Startup (%)	7	4	54	64

Base

Base work included pump-and-treat operations, CERCLA remedial processes, and documentation for the River Corridor and Central Plateau. Sampling and groundwater treatment completed in March includes the following:

- 160 well locations were sampled with a total of 613 samples being collected
- 175 aquifer tube samples collected from 74 tubes at 45 locations
- 17.8M gallons groundwater treated by ZP-1 treatment facility
- 14.3M gallons groundwater treated by KX treatment facility
- 8.37M gallons groundwater treated by KW treatment facility
- 6.38M gallons groundwater treated by KR-4 treatment facility
- 9.26M gallons groundwater treated by HR-3 treatment facility
- 0.06M gallons groundwater treated by DR-5 treatment facility. The DR-5 system was taken offline to transfer the extraction wells connected to this system and attach them to the DX system.
- 21.07M gallons groundwater treated by DX treatment facility
- 77.24M gallons of groundwater treated total

RL-0040 Nuclear Facility D&D, Remainder of Hanford

ARRA

Continued Upper Arid Lands Ecology (ALE) closeout paperwork and power pole removal.

Grouting of the 221U Canyon facility voids was started with the successful grout placement demonstration in the north electrical gallery. Efforts continued in preparation for grouting activities in the remaining areas of the facility. The on-site grout batch plant is fully operational. Core drilling of additional penetrations for grout placement continued. Material has been staged and preparations are underway for construction of the structural grout bulkheads for the rail tunnel and south electrical and piping galleries.

The 209E facility completed nondestructive assay (NDA) of the ventilation system and the facility systems in support of hazard category reduction. Completed the Hazard Review Board presentation for the slab tank cutting procedure. Obtained approval of the RAWP and Safety Analysis Plan (SAP) for

the facility. Continued NDA activities on tanks and pipes within the facility. Continued equipment removal of HO-200 for dismantling. Completed filling and NDA of three SWBs.

Began demolition of 284E Power House. Completed explosive demolition of the 284E bag houses, stacks, and the 2902E water tower and completed size reduction and load-out activities for 2902E Water Tower.

Completed cold and dark and characterization activities on the 200 West structures. Completed size reduction and load-out activities of the 2902W water tower and continued with size reduction and load-out activities on 284W bag houses and stacks. Continued abatement activities in 284W Power House. Cleanup of 106 North Slope debris pile sites continued.

The lift and haul contractor is preparing tie-down calculations, training, and preparing for mobilization. Preparation (fixing, draining/solidification of the water) of the railcars for shipment to ERDF and B Reactor was initiated. The Shipping Evaluation Checklists and Tiedown Calculations have been initiated and the first set is with RL for approval.

Remediation activities were completed at the CW-3 waste sites and continued in the Outer Zone at BC Control area and Model Group (MG)-1 waste sites. BC Control Area removed approximately 29,700 tons of soil from the stockpile in March. Remediation and initial seeding was completed for five MG-1 sites in March.

Sampling/surveys have been completed on 18 MG-1 sites

Base

Planned surveillance and maintenance (S&M) activities continue. Initial beryllium characterization sampling continues at REDOX, 231Z, and 222T.

Completed CW-3 pipeline 600-286-PL and 600-287-PL in March

RL-0041 Nuclear Facility D&D, River Corridor

ARRA

Facilities

Completed resolving comments from the 105KE Reactor Core Removal Project Preliminary Design Review Meeting

Work continued on 105KE Reactor Disposition Site Preparation/Phase I Demolition - Interim Safe Storage (ISS) activities to demolish the East and West Annexes

Continued preparations to demolish the 110KW Gas Storage Facility

Completed demolition of the 115KE Gas Recirculation Building

Continued demolition on the below-grade portion of the 117KE Exhaust Air Filter Building

Continued characterization of the 181KE River Pump House/1605KE Guard House and the 183.1KE Head House and adjacent tanks and continued asbestos removal preparations

Completed the 183.4KE and 183.4KW Clear Well deactivation planning

Continued asbestos removal preparations in the 190KE and 190KW Main Pump Houses

Waste Sites

CHPRC completed ten direct pushes and the associated logging in the immediate vicinity of the north face of the 105KE Reactor and its fuel storage basin and former discharge chute. Four of the direct pushes were 45-degree slant pushes under the reactor building and the remaining six pushes were vertical in orientation away from the reactor building. Well logging was completed in late March and the data is now being evaluated; results should be briefed to RL by the end of April.

Resumed soil load out from the 100-K-42 Fuel Storage Basin. This effort allows CHPRC to continue with the waste site remediation while preserving the option to re-enter the discharge chute area, along with the east and west ends of the north face of the reactor, to possibly perform additional direct pushes and logging.

RL and CHPRC collaborated on writing a memorandum of agreement (MOA) for the planned remove, treat, and dispose (RTD) scope at the 100-K-57 waste site and the 100-K-64 flood plain. The MOA was approved by RL in mid-March and subsequently forwarded to the State Historic Preservation Officer (SHPO) for their review and approval.

Continued waste site remediation of the below listed RTD sites:

Active Excavation on ARRA Waste Sites and Sub-Grade Structures	March 2011	
	Tons	Containers
100-K-42	5,087	287
115KE	915	44
117KE	5,005	245
100-K-53	8,803	414
Monthly Total	19,810	990
Previous Cumulative (all sites under ARRA)	90,558	5,167
ARRA Cumulative (FY2009 to Date)	110,368	6,157

Other

K West Deactivation has completed Sludge Vacuuming in the 105KW Basin. Completed removal and/or disposition of all planned (1,025) debris units.

The 105KW Basin HVAC Project equipment is in operation and performing as anticipated.

The 100K Electrical Power Project is finalizing punch-list activities necessary to complete the transition from the existing A-7 yard to the new A-9 yard/substation. Transfer of electrical loads from A-7 substation to the new A-9 yard/substation is being coordinated with MSA Electrical Utilities (EU) for early May.

The 100K Water Project commissioned the potable water treatment plant, completed disinfection of the new water distribution system, and is waiting for laboratory results to put the new potable water system in service. Closeout of punch-list items will complete by the end of April.

Base

Facilities

105KE Reactor Engineering/Planning activities continued for the design and construction of the Reactor Building Safe Storage Enclosure (SSE) to place it in ISS.

Finished draining water from the 183.2KE Sedimentation Basin

Continued below-grade demolition of the 1706KE Radiation Control Counting Laboratory and 1706KER Water Studies Recirculation Building

Waste Sites

Continued work in 100-K-47 waste site and resumed subgrade demolition and debris load out at 1706KER

Continued waste site remediation of the below listed RTD sites:

Active Excavation on Base Waste Sites and Sub-Grade Structures	March 2011	
	Tons	Containers
100-K-102	2,115	96
120-KW-1	9,294	429
1706-KE	2,130	99
1706-KER	2,526	124
Monthly Total	16,065	748
Previous Cumulative (all sites under Base)	198,572	10,197
Base Cumulative (FY2009 to Date)	214,637	10,945

RL-0042 Fast Flux Test Facility (FFTF) Closure

The Fast Flux Test Facility (FFTF) is being maintained in a low-cost surveillance and maintenance condition. The 400 Area water system continues to operate providing service to other occupants of the 400 Area and water for fire protection. The required periodic interior inspection of the water storage tanks is scheduled during the month of April. The annual surveillance of all buildings under S&M responsibility was performed in March. Roof leaks have developed that will require more than normal patching. Allocation of funds through the baseline change request (BCR) process will be required to pursue needed major repairs for the roofs.

All scope within the FFTF Closure (RL-0042) project is base funded. There is no funding from ARRA.

KEY ACCOMPLISHMENTS

Refer to Sections A through G of this report for additional project accomplishments.

RL-0011 Nuclear Materials Stabilization and Disposition

- Size reduction of Tank 17 was completed and the last remaining segments remain to be sealed out.
- In Remote Mechanical A Line Room 235B, the removal of gloveboxes HA-19B1 and HA-19B2 was completed.
- Separated the 179-2, 3, 4, 10, 11, 12 gloveboxes
- A total of 1,686 feet of process piping has been removed.
- 13,764 feet of asbestos has been removed to date.
- In the 242Z Americium Recovery Facility, size reduction of gloveboxes WT-4 and WT-5 is 85 percent complete.

RL-0012 Spent Nuclear Fuel Stabilization and Disposition

- PRC-STP-00187, Rev. 1, *Sludge Treatment Project KOP Disposition – Thermal and Gas Analysis for the Cold Vacuuming Drying Facility*, was approved and released. This critical analysis documents that KOP product material remains thermally stable during all operational evolutions as well as during long-term storage.
- AREVA Federal Services delivered the draft shielding analysis for the transport of K West Container sludge. The analysis concludes that the calculated dose rates are within allowable F-SPA transportation conditions.
- 100K Operations personnel completed videotaping an additional 269 cubicles in the center bay this month and Safeguards bought off on an additional 185 cubicles as fuel free in the center bay.

RL-0013 Waste and Fuels Management Project**ARRA**

- MLLW: Shipped 1,249 m³ and completed 1,058 m³ to date
- Removed 263 m³ CH-TRU waste from the trenches
- Shipped three m³ of CH-TRU waste and 36 m³ RH-TRU waste. On March 30, the Waste and Fuels Management Project (W&FMP) completed a KPP to retrieve 50 cubic meters (m³) of remote-handled (RH) Transuranic (TRU) waste from the Hanford Site.
- Removed 67 drums (13.7 m³) and three boxes (3.1 m³)
- Completed assay of 68 drums (Gamma Assay), three drums PAN Assay System, and three boxes (portable assay)
- Initiated Waste Repackaging Performance Point-of-Generation TRUM Repack (200 m³)

Base

- The CWC shipped 52 on-site transfers, 694 containers and received seven shipments, 55 containers.
- Liquid Effluent Facilities sent 3.2M gallons treated effluent to the state-approved land disposal site and continued with Basin 43 Processing Campaign (processed 2.65M gallons).

RL-0030 Soil and Groundwater Remediation

Activity	March		Cumulative	
	Planned	Completed	Planned	Completed
Well Drilling (# of wells) -303	1	5	302	300
Well Decommissioning (# of wells) -280	12	10	211	202
100 DX P&T – Construction/Startup (percent)	-	-	100	100
200 West P&T – Final Design (percent)	-	-	100	100
200 West P&T – Construction (percent)	9	10	64	62
200 West P&T – Testing/Startup (percent)	7	4	54	64

- 160 well locations were sampled with a total of 613 samples being collected
- 175 aquifer tube samples collected from 74 tubes at 45 locations
- 17.8M gallons groundwater treated by ZP-1 treatment facility
- 14.3M gallons groundwater treated by KX treatment facility
- 8.37M gallons groundwater treated by KW treatment facility
- 6.38M gallons groundwater treated by KR-4 treatment facility
- 9.26M gallons groundwater treated by HR-3 treatment facility
- 0.06M gallons groundwater treated by DR-5 treatment facility. The DR-5 system was taken offline to transfer the extraction wells connected to this system and attach them to the DX system.
- 21.07M gallons groundwater treated by DX treatment facility
- 77.24M gallons of groundwater treated total

ARRA - GW CAPITAL ASSET**EPC Projects in Support of S&GRP - ARRA**

- Initiated installation of underground conduits and foundations in the Sludge Stabilization System area.

- First Construction Acceptance Test initiated for the Extraction Wells.

EPC Projects in Support of S&GRP – Base

- 100-HX Groundwater Treatment Facility – Long lead procurements for the acid storage tank, caustic storage tank, Transfer Building influent tank, Process Building effluent tank, and in-line vertical pumps are complete.

BASE - GW OPERATIONS

Integration Management:

- Resolved significant electronic data transfer problems that were preventing River Corridor sample data collected by WCH from being entered into the Hanford Environmental Information System (HEIS) database
- Reached agreement with RL on the waste site screening and Preliminary Remediation Goals (PRG) development approach to be used in the River Corridor RI/FS documents

Document Review & Standardization

- Completed coordination and submittal of ten document reviews and consolidated responses for six environmental documents

River Corridor

100-BC-5 Operable Unit - Base

- Drilling and sampling of well C8244 (replacement well for C7787) was completed, and slug testing was conducted.
- Well construction concluded at well C7785, and slug testing was conducted.
- Pump testing was completed on new RI/FS Ringold Upper Mud (RUM) well C7783.
- All 100-BC RI/FS work scope was completed.

100-KR-4 Operable Unit - Base

- Completed drilling and well construction/development of first Phase 3 Remedial Process Optimization (RPO) well for KR-4 and initiated drilling of second well
- Completed and issued SGW-48676, *Test Plan to Implement ResinTech SIR-700 in the 100-KW Pump and Treat*
- RI/FS drilling and sampling for the thirteen RI wells completed and data loading of RI sample data is 90% loaded into HEIS

100-NR-2 Operable Unit - Base

- The Revision 1 Draft A *NR-2 OU Interim Action Remedial Design/Remedial Action (RD/RA) Work Plan* was transmitted to RL, and RL submitted the document to Ecology on March 25, 2011, meeting TPA Milestone M-015-60 (due March 29, 2010).

100-HR-3 Operable Unit - Base

- Through March, the DX facility has processed about 75 million gallons of water without needing a single resin change.

100-FR-3 Operable Unit - Base

- Pump testing was completed on new RI/FS RUM well C7791.
- All 100-F and IU-2/6 RI/FS work scope was completed.

Central Plateau

200-BP-5 Operable Unit – Base

- Ground surveys for pipeline road crossings completed

200-ZP-1 Operable Unit - Base

Deep Vadose Zone - Base

- Completed the sixth agency scoping meeting on the screening for the deep vadose zone technologies for characterization, remediation, and long-term monitoring

RL-0040 Nuclear Facility D&D, Remainder of Hanford

ARRA – U Plant/Other D&D

- U Canyon Demolition and Cell 30 Disposition
 - The on-site grout batch plant is fully operational. Grouting of the 221U Canyon facility voids was started with the successful grout placement demonstration in the north electrical gallery.
- 200E Project
 - Completed size reduction and load-out activities of 2902E water tower. Began demolition of 284E Power House.
- NORTH SLOPE
 - Continued cleanup of 106 debris sites
- Railcars
 - Liquid draining and dry grouting initiated. Preparation of railcars for shipment initiated. Contractor for the lift and haul of the railcars preparing tie-down calculations.

Base

- Completed 6652PH component removal

RL-0041 Nuclear Facility D&D, River Corridor

ARRA

Facilities

Work continued on the 105KE Reactor Building Disposition Site Preparation/Phase I Demolition – ISS activities to demolish the East and West annexes.

Continued below-grade demolition of the 117KE Exhaust Air Filter Building. Additional concrete has been discovered below the floor, which must be removed. A baseline change request will be processed for the additional work scope.

100K Water Project:

Completed testing of all fire protection systems

Base

Facilities

Completed draining water from the 183.2KE Sedimentation Basin which also partially drains the 183.4KW/KW Clear Wells (ARRA) and 182K Emergency Water Reservoir Pump House. Once the water is fully drained, demolition can begin.

Waste Sites

CHPRC completed ten direct pushes and the associated logging in the immediate vicinity of the north face of the 105KE Reactor, fuel storage basin and the former discharge chute. Four of the direct pushes were 45-degree slant pushes under the reactor building and the remaining six pushes were vertical in orientation away from the reactor building. Well logging was completed in late March and the data is now being evaluated; results should be briefed to RL by the end of April.

MAJOR ISSUES

RL-0011 Nuclear Materials Stabilization and Disposition

Issue – Radiological Controls Performance (people, process, procedures) is less than adequate.

Corrective Actions – Multiple actions in-progress to bolster while strengthening the overall program:

- Vacancies filled, additional staff added, significant support from CHPRC Central Radiological Controls
- Expectations set, controls already established, programmatic compliance

Issue – “Pending” status for Beryllium Workers undergoing annual recertification precludes access to Beryllium Controlled Areas (BCA).

Action – Preliminary resolution complete, allowing those “Pending” to enter BCA if within their qualification year – permanent fix in progress.

RL-0013 Waste and Fuels Management Project

Issue – Avoid falling behind recovery plan to retrieve 2,500 m³ by September 30, 2011.

Corrective Action – Implement recovery plan: Using two to three overtime shifts/week to recover schedule slip, retrieval established as a priority resulting in obtaining required outside resources, implemented enhanced production control resulting in better coordination of resources, continued use of additional Field Work Supervisors and Radiological Control Technicians from T-Plant reducing impacts from critical resource shortages, early purchase of material required to remove and overpack waste containers, and implemented actions required to remove drums from 4B Trench 7.

Status – Performance Measurement Baseline and Performance Based Incentive milestones could be at risk.

Issue – TRUPACT II drum feed exhausted by July 2011; U. S Environmental Protection Agency (EPA) approval to CCP to ship solid waste boxes required by July/August 2011.

Corrective Action – EPA Tier 1 approval by July 2011

Status – CCP schedule supports approval timeline if no issues with EPA Tier 1 audit.

Issue – Competing Special Nuclear Material (SNM) and Am-241 possession limits at PFNW will restrict some TRUM and MLLW needing to be shipped to PFNW during FY2011.

Corrective Action – Set a priority to the waste needed to be shipped to PFNW based on Performance Indicator (PI)/ KPP objectives; work with PFNW to reduce the turn-around time in which the waste resides at PFNW; PFNW to determine alternatives that would reduce the overall SNM/Am-241 inventories at PFNW.

Status – PFP Glovebox Waste Shipments are Priority-1, WRP Point-of-Generation TRUM waste shipments are Priority-2, M-91-43 MLLW shipments are Priority-3 and M-91-42 waste shipments are Priority 4; additional Waste Management Representative (WMR) assistance has been provided to PFNW to speed up the waste turnaround time; PFNW’s alternative plan is due April 14, 2011.

RL-0030 Soil and Groundwater Remediation

Issue – There were several examples of extended comment review on CERCLA documents; the most significant being 200-PO-1 RI Report and 100-N RI/FS Work Plan Addendum and SAP. The issues on these documents are different, the 100-N review period was extended over seven months, and after each review, additional comments were received. Delay in the approval of the 100-N addendum exceeded 220 days (past six months after providing the Draft A version of the document in December 2009).

With the 200-PO-1, the report was delivered June 2010 but formal comments were not received until February 23, 2011.

Corrective Actions – Timelines and back-up information on these two specific documents were prepared and provided to RL.

Status – CHPRC continues to work with the parties involved to facilitate timely comment resolution; both documents have had formal comments approved and currently there are no other examples of extended comment reviews. This is the last report of this issue.

Issue – The 200W Pump-and-Treat Project is currently forecasting a negative Variance at Completion. The variance is the result of the baseline being based largely on 60 percent design media and the project Estimate at Completion (EAC) based on the Issued for Construction (IFC) design media.

Corrective Action – A BCR to be implemented in April will update the project baseline to incorporate the IFC Design Budgeted cost of work scheduled (BCWS) to address realized risks. Contingency scope is being identified to either move to Base or stop work. In addition some completed contingency scope is included in the VAC.

Status – Additional corrective actions are under review.

Issue – During routine groundwater sampling activities, an NCO sampler received a low voltage shock while operating a dedicated electrical well pump. The subsequent investigation determined the network of monitoring wells having dedicated electrical pumps did not meet the National Electrical Code (NEC) standard for grounding all exposed non-current carrying metallic parts that could become energized. A temporary grounding strap has been approved by the NEC authority and has been deployed to the field allowing sampling of some dedicated electric pumps. Sampling with non-electrical pumps and portable electrical pumps is continuing.

Corrective Action – The available pneumatic pumps deployed to the field are being redeployed to most efficiently support near-term sampling needs. Additional pneumatic pumps will be purchased to expand the network of non-electric pumps as appropriate. Wells requiring electrical pumps to support sampling activities will be properly grounded per NEC requirements.

Status – A temporary grounding strap has been approved for use on some monitoring wells with dedicated electric pumps. Grounding design for well heads has been completed. Plant forces work review for bonding work is in preparation. Redeployment of pneumatic systems is underway. Vendor quotes for additional pneumatic pumps have been received and procurement under consideration.

RL-0041 Nuclear Facility D&D, River Corridor

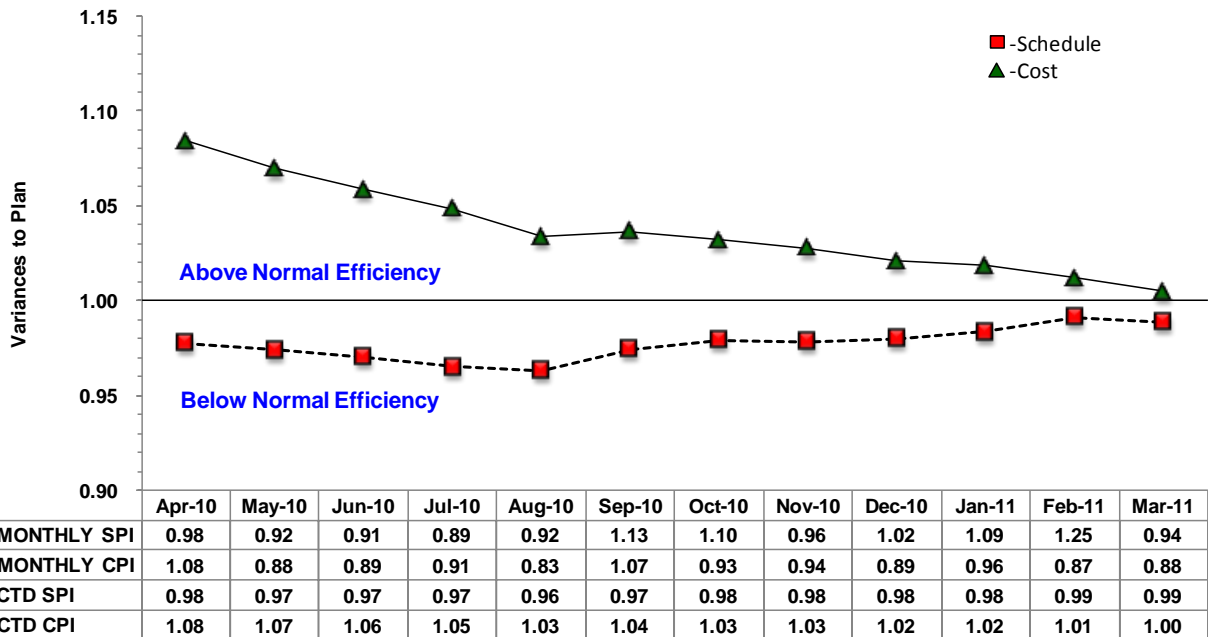
Issue – RL-41 Waste Site Remediation will not be able to complete the remediation work scope tied to ARRA funded waste site 100-K-57 by the end of September 30, 2011. The inability to complete this work by the end of the ARRA period, and quite possibly by the scheduled Tri-Party Agreement due date of December 31, 2012, is being driven by the lack of an approved cultural resources mitigation action plan.

Corrective Action – The situation surrounding this issue has improved over the past month as CHPRC and RL have developed an MOA that RL has sent to SHPO for their review, comment and approval. It is expected that the MOA will be approved on or before April 25, 2011. With the MOA's approval, CHPRC will be able to resume controlled remediation activities in the 100-K-57 waste site. Completing remediation of this site under ARRA funds by the end FY2011 is not likely and it is too early to tell if remediation can be accomplished by December 31, 2012, putting the associated TPA milestone (M-016-53; due December 31, 2012) at risk.

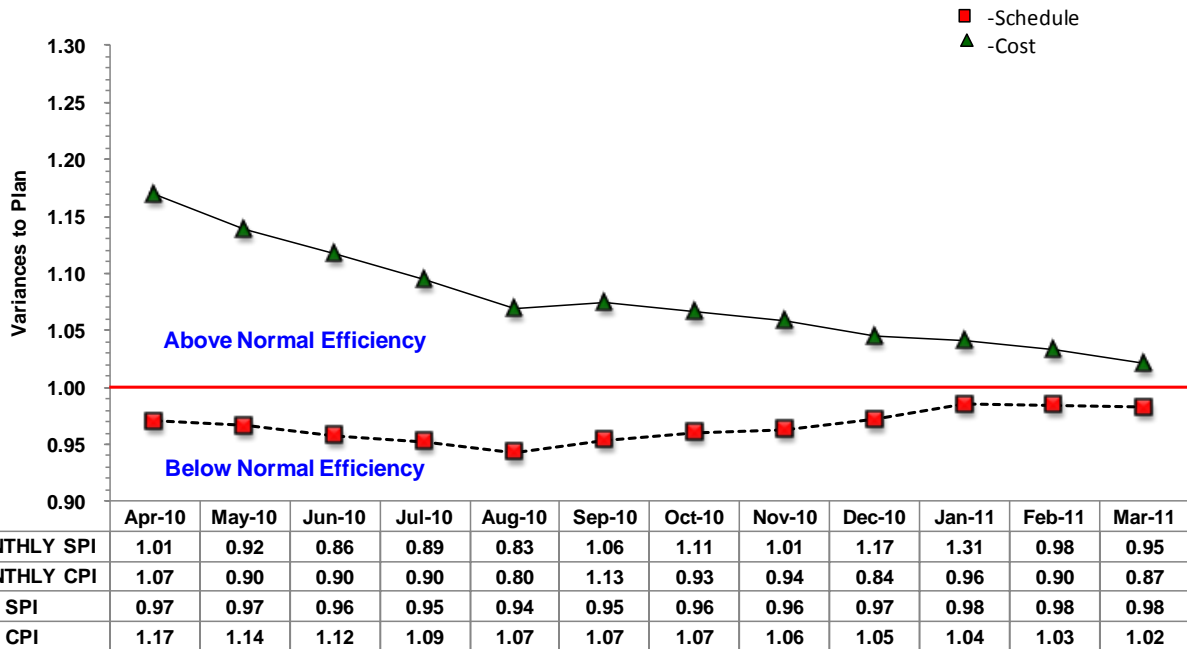
Status – This issue continues to be addressed by RL and CHPRC senior management.

EARNED VALUE MANAGEMENT

Schedule and Cost Performance - ARRA and Base (Rolling 12 Month View)



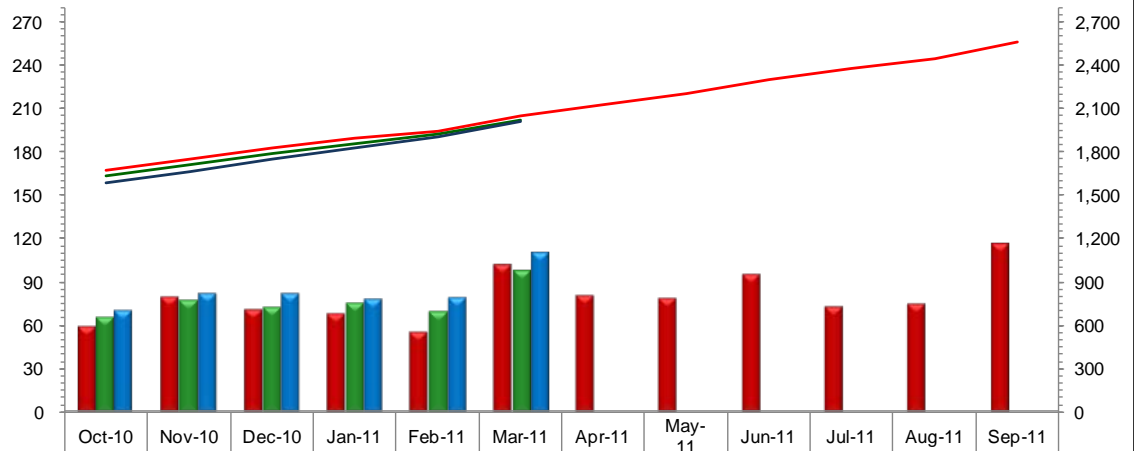
Schedule and Cost Performance - ARRA (Rolling 12 Month View)



Schedule and Cost Performance - ARRA and Base

Bars: Current Month (\$M)

Lines: Contract To Date (\$M)

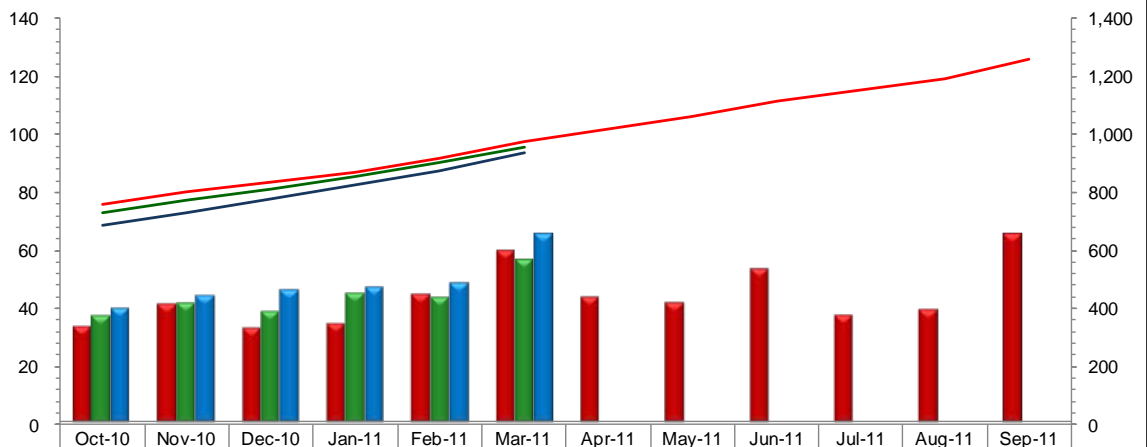


	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11
MONTHLY BCWS	59.1	79.1	70.9	68.0	54.7	101.9	80.1	78.1	94.8	72.7	74.0	115.7
MONTHLY BCWP	65.0	76.2	72.0	73.9	68.1	96.2						
MONTHLY ACWP	69.7	80.9	81.2	77.2	78.7	109.4						
CUMULATIVE BCWS	1,672.6	1,751.7	1,822.6	1,890.7	1,945.4	2,047.3	2,127.4	2,205.5	2,300.3	2,373.0	2,447.0	2,562.7
CTD BCWP	1,637.3	1,713.5	1,785.4	1,859.4	1,927.5	2,023.7						
CTD ACWP	1,586.4	1,667.3	1,748.5	1,825.7	1,904.4	2,013.8						

Schedule and Cost Performance - ARRA

Bars: Current Month (\$M)

Lines: Contract To Date (\$M)



	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11
MONTHLY BCWS	33.6	41.4	33.3	34.5	44.9	59.9	44.0	42.0	53.3	37.8	39.5	65.5
MONTHLY BCWP	37.5	41.8	39.0	45.3	43.8	57.0						
MONTHLY ACWP	40.1	44.5	46.4	47.4	48.8	65.2						
CUMULATIVE BCWS	761.1	802.5	835.8	870.3	915.2	975.2	1,019.1	1,061.1	1,114.4	1,152.2	1,191.7	1,257.2
CTD ACWP	685.7	730.2	776.5	823.9	872.7	937.9						
CTD BCWP	731.1	772.9	811.9	857.2	901.0	958.1						

Performance Analysis – March

ARRA Performance by PBS (\$M)

	\$M				
	Current Period				
	Budgeted Cost		Actual Cost	Variance	
	BCWS	BCWP	ACWP	Schedule	Cost
RL-0011 - PFP D&D	13.2	12.5	13.8	(0.7)	(1.3)
RL-0013 - MLLW Treatment	1.9	0.9	1.0	(1.0)	(0.1)
RL-0013 - TRU Waste	13.3	11.8	13.7	(1.5)	(1.9)
RL-0030 - GW Capital Asset	8.0	10.8	15.5	2.8	(4.7)
RL-0030 - GW Operations	4.1	3.5	2.8	(0.6)	0.7
RL-0040 - U Plant/Other D&D	7.1	8.6	8.1	1.5	0.6
RL-0040 - Outer Zone D&D	5.7	4.2	4.0	(1.5)	0.2
RL-0041 - 100K Area Remediation	6.6	4.8	6.5	(1.9)	(1.7)
Subtotal	59.9	57.0	65.2	(2.9)	(8.2)

ARRA

The Current Month unfavorable Schedule Variance (-\$2.9M/-4.9%) reflects:

- The RL-0013 negative variance (-\$2.5M) reflects the following subproject performance:
 - RL-0013 TRU Waste (-\$1.5M) – Delay in Trench Face Processing System procurement close-out due to ongoing negotiations with vendor, and inability to characterize Standard Waste Boxes due to CCP's delayed start up of the High Energy-Real Time Radiography (HE-RTR) equipment; partially offset by accelerated RH/Large Package Commercial Repack.
 - RL-0013 MLLW Treatment (-\$1.0M) – MLLW shipments delayed due to facility's inability to receive extra large sized waste shipments pending permit/building modifications and delay in receipt of M-91-42 waste feed from TRU Retrieval.
- The RL-0030 positive variance (+\$2.2M) reflects the following subproject performance:
 - The RL-0030.R1.1 GW Capital Assets (+\$2.8M) 200-ZP-1 OU The variance has two contributing factors: 1) Implementation of BCRA-030-11-003R0 (Transfer of Scope between ARRA Subprojects, RL-0030) caused a current month point adjustment. Specifically, procurement of ion-exchange resin was moved from ARRA subproject R1.1 to ARRA subproject R1.2. 2) This movement caused a removal of BCWS that was already realized resulting in the positive cost variance for the month. Additionally early procurement of mechanical and electrical materials contributed to the positive variance.
 - The RL-0030.R1.2 GW Operations (-\$0.6M) 200-ZP-1 OU Negative schedule variance is due to two factors: 1) Delayed outside work associated with installation of high density polyethylene (HDPE) piping, well racks, and road crossing 47. 2) Delays in software development. This work scope was transferred into ARRA subproject R1.2 via BCRA-R30-11-003R0 with an already existing negative schedule variance.
- The RL-0041 negative variance (-\$1.9M) is due to the following:

- 100K Area Project (Facilities and Others) (-\$1.3M) The negative variance is due in part to delays in the performance of structures remediation deactivation activities (-\$0.6M) as a result of delayed completion of the 100K Utilities re-route work. The remaining variance (-0.5M) is in 105KW deactivation due to taking performance in previous months for the early completion of removal of debris units.
- Waste Sites (-\$0.7M) The negative variance is due to performance taken ahead of schedule in prior months and delays due to the 100K Utilities re-route (May) and cultural resource issues in the 100-K-64 flood plain.
- The RL-0011 negative variance (-\$0.7) is due to the following:
 - Current month unfavorable schedule variance is primarily due to delays in completing D&D of RMA/RMC process lines due to contamination events, more complex scope than planned, longer shift ramp-up time, and shift of work from Powered Air Personal Respirator (PAPR) to breathing air due to exposure to chemicals; delays in asbestos abatement removal due to lack of RCT support, and resources diverted from process vacuum line and filter removal to support ready for demolition activities for the 2736-ZB complex.
- The RL-0040 variance (-\$0.0M) reflects the following subproject performance:
 - ARRA RL-0040.R1.2 Outer Zone D&D (-\$1.5M) Outer zone waste sites unfavorable schedule variance is primarily related to weather and equipment maintenance issues on BC Control Area (-\$1.1M) and work on hold pending resolution of site priorities (-\$0.4M).
 - ARRA RL-0040.R1.1 U Plant/Other D&D (+\$1.5M) ARRA RL-0040.R1.1 U Plant/Other D&D (+\$1.5M) The favorable schedule variance is due to progress made on 200E Administration building (+\$0.5M), 209E (+\$0.5M) and 200W Administration building (+\$0.5M).

The Current Month unfavorable Cost Variance (-\$8.2M/-14.4%) reflects:

- The RL-0030 negative variance (-\$4.0M) that exceed the reporting thresholds reflect the following subproject performance:
 - ARRA RL-0030.R1.1 GW Capital Asset (-\$4.7M) 200-ZP-1 OU Negative cost variance is due to: Increased labor/contracts support required to support implementation of IFC design changes; and implementation of BCRA-030-11-003R0 BCWS and BCWP from ARRA subproject R1.1 were moved to ARRA subproject R1.2, without moving the corresponding cost being transferred which resulted in an overstatement of cost in the current period. (This will be corrected in the next period through cost transfers).
 - ARRA RL-0030-R.1.2 GW Operations (+\$0.7M) 200-ZP-1 OU Positive cost variance is primarily due to implementation of BCRA-030-11-003R0 which moved BCWS and BCWP from ARRA subproject R1.1 to ARRA subproject R1.2, without moving the corresponding cost resulting in an understatement of cost in the current period for ARRA subproject R1.2.
 - The negative cost variance for the current period is due to the final subcontractor contract closeout costs for Design Change Notices and Request for Clarification or Information changes in the field and additional work required to meet coding and permitting requirements. The project will overrun at completion.

- The primary contributors to the RL-0013 negative variance (-\$2.0M) that exceed reporting thresholds reflect the following subproject performance:
 - RL-0013 TRU Waste (-\$1.9M) – Increased labor costs for TRU Retrieval recovery, coupled with continued cost overruns for Trench Face Retrieval and Characterization System (TRFCS) site prep and readiness activities, TRU Characterization and Shipping incurring labor costs without commensurate performance, increased costs for Waste Middleware System, higher usage based services than planned; partially offset by lower overhead allocations, and implementation of an Advanced Work Authorization allowing for performance on drum venting activities for 90-millimeter rigid liner.
 - RL-0013 MLLW Treatment (-\$0.1M) – Mixed Low Level Waste (MLLW) continued costs without commensurate performance, Large Type A Terex Trailer freight costs without commensurate performance; partially offset by decreased operational costs at Central Waste Complex (CWC).
- The RL-0041 negative variance (-\$1.7M) is due to the following:
 - Waste Sites (-\$1.1M) The negative variance is due to accruing vendor costs for removal of overburden however, performance is only taken when the overburden is disposed at ERDF, costs that will be corrected and level-of-effort activities that are bearing increased costs for functional group support, exceeding performance.
 - 100K Area Project (Facilities and Others) (-\$0.6M) The negative cost variance can be attributed to: Utilities (-\$0.9M) is due to continued labor and material costs that are required to complete the work scope (100K Electrical Power Project (-\$0.1M) and the 100K Water Project (-\$0.7M)). 105KW Deactivation (-\$0.6M) is due to taking performance in previous months for the final debris campaign completing all 1,025 units ahead of plan, and incurring costs for accelerated debris disposal activities. Structures Remediation (-\$0.3M) variance is due to cold and dark/deactivation being planned but unable to commence until after May utility projects complete. Project Management (-\$0.2M) due to the higher number of vehicles being utilized by the project. G&A/project support services (-\$0.1M) due to a March BCR point adjustment. These variances are partially offset by the positive cost variance in the 105KE Reactor (+\$1.5M) due to a subcontract modification to correct billing and a correction for understated performance last month.
- The RL-0011 negative variance (-\$1.3M) is due to the following:
 - Current month unfavorable cost variance is primarily a result of inefficiencies in D&D due to requirement to staff an involuntary P/Q shift to support RMA/RMC process line work, additional staff required to support breathing air versus PAPR work, increased overtime due to complexity of work, and more time required to complete 2736ZB complex intrusive investigations due to new Radiological Controls requirements for work above eight feet.
- The RL-0040 positive variance (+\$0.8M) reflects the following subproject performance:
 - ARRA RL-0040.R1.1 U Plant/Other D&D (+\$0.6M) The favorable cost variance is largely due to the 200W Administration building requiring less asbestos removal than originally planned.
 - ARRA RL-0040.R1.2 Outer Zone D&D (+\$0.2M) favorable cost variance is primarily due to efficiency of parallel performance of activities in the BC Control Area, including completion of the primary excavation in Zone A, continuing CERCLA surveys of the balance of Zone A with hot spot removal as necessary and seeding portions of Zone A which had already been surveyed to verify completion of remediation.

Base Performance by PBS (\$M)

	\$M				
	Current Period				
	Budgeted Cost		Actual Cost	Variance	
	BCWS	BCWP	ACWP	Schedule	Cost
RL-0011 - Nuclear Mat Stab & Disp PFP	3.3	3.2	3.4	(0.1)	(0.2)
RL-0012 - SNF Stabilization & Disp	8.2	7.1	8.9	(1.1)	(1.8)
RL-0013 - Solid Waste Stab & Disp	7.6	7.8	7.7	0.1	0.0
RL-0030 - Soil & Water Rem-Grndwtr/Vadose	15.1	15.5	18.2	0.4	(2.7)
RL-0040 - Nuc Fac D&D - Remainder Hanfrd	1.7	1.7	1.5	(0.1)	0.2
RL-0041 - Nuc Fac D&D - RC Closure Proj	5.8	3.7	4.2	(2.1)	(0.5)
RL-0042 - Nuc Fac D&D - FFTF Proj	0.2	0.2	0.1	0.0	0.0
Subtotal	42.0	39.1	44.1	(2.8)	(5.0)

Base

The Current Month unfavorable Schedule Variance (-\$2.8M/-6.8%) reflects:

- The RL-0041 negative variance (-\$2.1M) is due to the following:
 - Waste Sites (-\$0.6M) The schedule variance arises from not fully achieving production goals due to high wind weather conditions throughout the month and time spent on direct pushes and data logging at the 105KE Reactor. This was partially offset by better than expected performance on waste sites at the 183.1KW Head House.
 - 100K Area Project (Facilities and Others) (-\$1.5M) The negative variance is primarily in Facilities (-1.0M) due to cold and dark/deactivation being planned but unable to commence until after May when the utility projects complete, and 105KE Reactor (-\$0.5M) due to a subcontract modification to correct billing.
- The RL-0012 negative variance (-\$1.1M) is due to the following:
 - The current month schedule variance is driven by the KOP subproject, where the pretreatment equipment required re-work after the operator training identified minor changes to the system, which prevented the fabrication of the KOP processing equipment as planned.

Corrective Action - Fabrication of the KOP Processing System (KPS) equipment is nearly complete. The equipment should be delivered to the project next month which will correct this one-month schedule variance.
- The RL-0030 positive variance (+\$0.4M) primary contributors to the variance that exceed the reporting thresholds are as follows:
 - Drilling (+\$0.4M) FF-5 wells was completed ahead of schedule due shallower depth requirements than originally planned in baseline. Five wells were drilled and completed within the month.
 - 100 NR-2 Operable Unit (+\$0.5M) Implementation of BCR-030-11-011R0 caused a current month positive point adjustment resulting in the positive schedule variance for the month.

Additional work scope was deferred to FY2011 due to funding priorities (RI/FS report preparation, interim barrier expansion sampling and injection scope, Upper Vadose Zone expansion and apatite infiltration gallery pilot testing).

- 100 HR-3 Operable Unit (+\$0.4M) HX construction activities are being performed ahead of schedule to support the completion of construction activities by September 2011 (distribution of electricity and piping, transfer building, and process building erection). Project is currently forecast to complete ahead of baseline schedule.
- 200-UP-1 Operable Unit (-\$0.4M) The negative schedule variance is largely associated with the subcontractor under performing on construction of S-SX extraction building and associated site piping. The building steel needed to be deconstructed and repainted. Additional rework was also required for both tank and pipe specifications/submittals. S-SX construction is expected to recover and complete in July.
- 200-ZP-1 Operable Unit (-\$0.5M) Procurement of the sludge stabilization system was done earlier than planned. Work was performed in previous months and therefore shows as behind schedule in the month of March where it was originally planned to occur.
- Deep Vadose Zone Treatability Tests (-\$0.3M) Due to funding priorities the Uranium Sequestration Treatability Test is being deferred into FY2012 resulting in the current period negative schedule variance.
- The RL-0011, RL-0013, RL-0040 and RL-0042 variances (-\$0.1M) are within reporting thresholds.

The Current Month unfavorable Cost Variance (-\$5.0M/-12.8%) reflects:

- The RL-0030 negative variance (-\$2.7M) primary contributors to the negative cost variance that exceed the reporting thresholds are as follows:
 - Integration and Assessments (+\$0.9M) The current month underrun reflects the transfer of previously accrued risk and modeling cost to the direct projects for which the modeling efforts are being done.
 - Drilling (+\$0.3M) Drilling of five FF-5 wells was completed in March. Due to the shallower depth requirements for the wells than originally planned in baseline cost savings were realized resulting in the current month underrun.
 - GW Monitoring and Performance Assessments (-\$0.4M) The negative cost variance for the month is due to the additional cost associated with sampling and to support the investigation and resolution of the Stop Work associated with using permanently installed submersible pumps on groundwater monitoring wells. The additional work to correct the grounding issue will cause an increase in this account. Part of the overrun is expected to be offset by a passback from MSA for laboratory analysis services provided fiscal year to date.
 - 100-4 Operable Unit (-\$0.6M) The negative cost variance is due to Increased use of resources to expedite remedial investigation sampling and accompanying RI/FS report efforts, more labor required than expected to perform the O&M Level of Effort activities, and Extended troubleshooting of the KR-4 PLC after system upgrades. Overruns in KR-4 are not recoverable this fiscal year within the KR-4 OU and will be funds managed.
 - 100-3 Operable Unit (-\$0.9M) Primary drivers for the current month negative cost variance are due to additional time being spent on internal CERCLA (RI/FS) document development that will be recovered in completed Draft A document, additional cost associated with DX OTP requiring almost twice the anticipated cost for the month, and increased engineering support to meet monthly deliverables for HX.

- 300 FF-5 Operable Unit (-\$0.5M) Unfavorable cost variance is for work performed in support of the RI/FS report. This month cost corrections were made to accruals for subcontracted modeling and risk assessment support. The accruals had been previously misdirected and this correction was for several months of subcontractor support.
- Regulatory Decisions and Closure Integration (-\$0.5M) The primary driver for the current month cost variance is under reporting of performance of work scope completed in the outer area and B plant decisions documents. Performance reporting will be corrected in April with no impact to project completion.
- PBS RL-0030 UBS, G&A, and DD (-\$0.6M) The negative cost variance is discussed in Appendix C.
- The RL-0012 negative variance (-\$1.8M) is due to the following:
 - The current month cost variance was driven by the ECRTS subproject where two BCRs were planned to be implemented during the month (one for annex design risk incurred and one for acceleration of the modification to the existing annex) where work was initiated, but without approval of the BCRs, BCWS was not established.

Corrective Action - The BCRs are scheduled to be implemented in the month of April, which will correct this one-month variance.
- The RL-0011, RL-0013, RL-0040, RL-0041, and RL-0042 variances (-\$0.5M) are within reporting thresholds.

Performance Analysis – Contract to Date

ARRA Performance by PBS (\$M)

	\$M							
	Contract to Date					Contract Period		
	Budgeted Cost		Actual Cost	Variance				
	BCWS	BCWP	ACWP	Schedule	Cost	BAC	EAC	Variance
RL-0011 - PFP D&D	201.0	200.2	197.0	(0.9)	3.2	285.1	286.2	(1.0)
RL-0013 - MLLW Treatment	39.9	35.5	34.2	(4.4)	1.4	47.8	47.4	0.4
RL-0013 - TRU Waste	173.7	169.8	175.6	(3.9)	(5.8)	247.0	252.7	(5.7)
RL-0030 - GW Capital Asset	114.3	114.1	122.2	(0.2)	(8.1)	157.3	181.4	(24.1)
RL-0030 - GW Operations	69.5	69.1	63.0	(0.4)	6.1	83.9	80.3	3.6
RL-0040 - U Plant/Other D&D	157.6	154.9	142.7	(2.7)	12.2	198.7	187.3	11.4
RL-0040 - Outer Zone D&D	70.8	67.3	55.7	(3.5)	11.6	89.5	91.0	(1.4)
RL-0041 - 100K Area Remediation	148.3	147.2	147.6	(1.1)	(0.4)	182.7	178.6	4.1
Subtotal	975.2	958.1	937.9	(17.1)	20.2	1,292.1	1,304.8	(12.7)

ARRA

The cost-to-date (CTD) unfavorable Schedule Variance (-\$17.1M/-1.8%) reflects:

- The RL-0013 negative variance (-\$8.3M) is due to the following subprojects:
 - RL-0013 MLLW Treatment (-\$4.4M) – Mixed Low Level Waste (MLLW) shipments delayed due to receiving facility's inability to accept extra-large sized waste shipments pending permit/building modification, and delay in receipt of M-91-42 waste feed from TRU Retrieval; partially offset by 435.1 Compliance Waste processing being achieved ahead of schedule.
 - RL-0013 TRU Waste (-\$3.9M) – TRU Retrieval delays due to container shipping authorization, coupled with cancellation of remote controlled unit (robot) procurement and delayed close-out of Trench Face Processing System procurement due to on-going negotiations with vendor, temporary suspension of T-Plant repack operations due to Beryllium program implementation and drum lid issue recovery actions (in progress); partially offset by accelerated RH-Large Package Commercial Repack.
- The RL-0040 CTD negative variance (-\$6.3M) primary contributors that exceed the reporting thresholds are as follows:
 - RL-0040.R1.2 Outer Zone D&D (-3.5M) unfavorable schedule variance is primarily due to delay of work on selected waste sites pending finalization of site priorities (-\$2.8M); delays with cultural/ecological reviews on the North Slope (-\$0.4M); and minor accounts outside the threshold (-\$0.3M).
 - RL-0040.R1.1 U Plant/Other D&D (-\$2.7M) negative schedule variance is due to late award of the grout contract for U Canyon (-\$2.8M) and delays with the 200E Administration Buildings (-\$1.2M) due to bio-hazard and radiological control issues. Limited resources has also delayed 200W Administration Buildings (-\$0.1M). This is offset by accelerating 209E demolition preparation, mobilization, and asbestos abatement (+\$1.4M).
- The RL-0041 negative variance (-\$1.1M) is within reporting thresholds.
- The RL-0011 negative variance (-\$0.9M) is within reporting thresholds. The project is currently experiencing impacts associated with:
 - Leak Path Factor/periphery confinement barrier issues associated with 242Z entry point

- Disqualification of multiple electrical disciplines impacted completion of 2736Z/ZB cold and dark activities and deployment of the 2736Z/ZB team to support RMA/RMC KPP glovebox removals
- The complexity of the remaining 234-5Z process and laboratory glovebox removal effort
- Impacts from responses to contamination events
- The addition of personnel and new teams occurring later than planned
- Unable to make entries due to issues/stop work associated with breathing air, contamination above eight feet, lack of RCT support, and continuous air monitor (CAM) alarm/recovery Recovery - Nuclear Safety is working to implement the RL approved Justification for Continued Operation to address the 242Z Leak Path Factor/periphery confinement barrier issues; completion extended to May. Gloveboxes have been shipped to Perma-Fix Northwest, offsetting delays experienced with glovebox removal and size reduction in the 234-5Z facility. Although delays were experienced this month, the efficiencies of reassigned D&D teams are expected to increase and will support achieving the September 30, 2011 KPP.
- The RL-0030 negative variance (-\$0.6M) is due to the following subproject performance:
 - RL-0030.R1.2 GW Operations (-\$0.4M) variance is within reporting thresholds.
 - RL-0030.R1.1 GW Capital Asset (-\$0.2M) variance is within reporting thresholds.

The CTD favorable cost variance (+20.2M/+2.1%) reflects:

- The RL-0040 positive variance (+\$23.8M) reflects the following subproject performance:
 - ARRA RL-0040.R1.1 U Plant/Other D&D (+\$12.2M) favorable cost variance is largely due to favorable performance of the Cold and Dark teams and the Sampling and Characterization/Waste Identification Form teams (D4) (+\$3.3M), overhead allocations (+\$7.7M), less for Program Management than planned (+\$1.2M), efficiencies at U Canyon (D4) (+\$0.8M), less resources than planned for C-3 Sampling (+\$0.7M) and 200E Administration (+\$1.2M), lower than planned costs for capital equipment (D4) (+\$2.7M), less asbestos abatement required for 200W buildings (+\$3.5M), offset by increased material and equipment costs, increased use of masks and respirators due to the unexpected asbestos levels in the ancillary buildings in U Ancillary (D4) (-\$8.0M), coupled with increased insulator staff and overtime to recover schedule, 209E Project (-\$0.7M). Minor accounts not within threshold (-\$0.2M).
 - ARRA RL-0040.R1.2 Outer Zone D&D (+\$11.6M) favorable cost variance is due to efficiencies in ALE and North Slope Facilities D&D (+\$4.9M) and Outer Area waste sites (+\$7.9M). The waste site favorable cost-to-date variance is primarily due to an O-Zone RTD Waste Sites adjustment (pass back) to ERDF waste disposal costs reflecting the operational efficiencies of the super dump trucks. Within the waste sites area, this favorable cost variance is partially offset by higher than planned costs associated with remediation of pipelines. A negative cost variance is associated with increased costs for the 212N/P/R Project (-\$1.0M) due to the walls of the basins being much thicker than estimated.
- The RL-0013 negative variance (-\$4.4M) reflects the following subproject performance:
 - RL-0013 TRU Waste (-\$5.8M) – Increased labor and material costs in support of the TFRCS installation and start up, coupled with increased resources for TRU Retrieval deteriorated waste containers; partially offset by efficiencies in TRU Characterization and Shipping, T-Plant, and WRAP.
 - RL-0013 MLLW Treatment (+\$1.4M) – Decreased operational costs at CWC, MLLW costs below plan due to efficiencies created by treating waste at Energy Solution - Clive rather than planned treatment at PFNW due to a waiver received from RL, efficiencies in planned Large

Type A PFNW shipments, efficiencies in Mixed Waste Disposal Trenches (MWDT) upgrades; partially offset by higher subcontractor costs for ETF Containment Berm Repairs.

- The RL-0011 positive variance (+\$3.2M) is primarily due to the following:
 - Favorable cost variance is within threshold and is primarily due to lower overhead costs. The balance is due to efficiencies recognized on cross-cutting support to the D&D work teams (primarily in solid waste management, project management, nondestructive assay, consumables and subcontracts), demolition of ancillary buildings, and the removal of asbestos and non-process equipment from 234-5Z. This positive cost variance will continue to erode due to additional resources and issues experienced in removing 234-5Z process and laboratory gloveboxes.
- The RL-0030 negative variance (-\$2.0M) is primarily due to these contributors:
 - RL-0030.R1.1 GW Capital Asset (-\$8.1M) 200-ZP-1 Operable Unit cost impacts associated with design changes realized with the release of Issued for Construction (IFC) Design. These impacts are seen in construction, procurement and project support costs. The current impact is a result of the baseline budget being based on 60 percent design media and has not been updated to reflect the final project configuration defined by the IFC design. The VAC for the project (-\$24.1M) will be reduced in April reporting with the incorporation of the IFC design into the baseline budget through a BCR.
 - RL-0030.R1.2 GW Operations positive variance (+\$6.1M) can be attributed to the following:
 - Drilling (+\$2.9M) Efficiencies and savings obtained in drilling for 100-NR-2, 100-HR-3, and 200-BP-5 wells. Cost efficiencies have been obtained through an aggressive drilling schedule with savings in support personnel, faster drilling methods, and shallower drilling depths for HR-3 wells than originally planned. Well decommissionings have also been completed for less than planned.
 - Regulatory Decision and Closure Integration (+\$1.7M) Completing work scope more efficiently than planned, primarily in the areas of multi-incremental sampling (using existing documentation and direct haul rather than staging), and borehole drilling and landfill characterization (competitive subcontracting of drilling support and efficient field support).
 - 200-ZP-1 Operable Unit (-\$0.8M) Implementation of BCRA-030-11-003R0 and the transfer of BCWP from ARRA subproject R1.1 to ARRA subproject R1.2 without the corresponding cost has resulted in a temporary positive cost variance. It is anticipated that this positive cost variance will not remain at project completion.
 - PBS RL-0030 UBS, G&A, and DD (+\$2.1M) The positive cost variance is discussed in Appendix C.
- The RL-0041 negative variance (-\$0.4M) is within reporting thresholds.

Base Performance by PBS (\$M)

	\$M							
	Contract to Date					Contract Period		
	Budgeted Cost		Actual Cost	Variance				
	BCWS	BCWP	ACWP	Schedule	Cost	BAC	EAC	Variance
RL-0011 - Nuclear Mat Stab & Disp PFP	140.1	140.2	139.4	0.1	0.8	345.2	363.9	(18.7)
RL-0012 - SNF Stabilization & Disp	209.3	204.6	211.3	(4.7)	(6.7)	581.6	588.8	(7.1)
RL-0013 - Solid Waste Stab & Disp	273.7	271.7	278.7	(2.0)	(7.0)	1,624.9	1,552.9	72.0
RL-0030 - Soil & Water Rem-Grndwtr/Vadose	329.1	331.2	337.3	2.0	(6.1)	1,275.4	1,227.5	47.9
RL-0040 - Nuc Fac D&D - Remainder Hanfrd	57.7	57.9	51.9	0.2	6.1	757.8	741.7	16.0
RL-0041 - Nuc Fac D&D - RC Closure Proj	51.2	49.1	47.6	(2.1)	1.5	334.1	330.6	3.5
RL-0042 - Nuc Fac D&D - FFTF Proj	10.9	10.9	9.8	0.0	1.1	25.1	23.7	1.4
Subtotal	1,072.2	1,065.6	1,075.9	(6.5)	(10.3)	4,944.2	4,829.2	114.9

Base

The CTD unfavorable Schedule Variance (-\$6.5M/-0.6%) reflects:

- The RL-0012 negative variance (-\$4.7M) the combined 100K and STP variances are within reporting thresholds.
- The RL-0041 negative variance (-\$2.1M) is within reporting thresholds.
- The RL-0013 negative variance (-\$2.0M) is due to:
 - ETF Thin Film Dryer (TFD) vessel procurement (vessel received, but does not meet 100% completion criteria), Canister Storage Building (CSB) engineering activities delayed due to resource availability (assigned to higher priority activities), delayed start to WESF K1/K3 Upgrades Definitive Design due to delayed Conceptual Design Report, coupled with continued delays for WESF roof upgrades.
- The RL-0011, RL-0030, RL-0040, and RL-0042 variances (+\$2.0M) are within reporting thresholds.

The CTD unfavorable Cost Variance (-\$10.3M/-1.0%) reflects:

- The RL-0013 negative cost variance (-\$7.0M) is due to:
 - Increased assessments above plan, TRU Retrieval additional resources to deal with deteriorated containers and drum wedge issue, FY2009 WRAP facility increased levels of corrective and preventive maintenance activities as a result of repack operations, increased labor and subcontractor support for Transportation and Packaging, partially offset by efficiencies in LEF, MLLW, TRU Disposition, TRU Repackaging, Interim Storage Area upgrades, MWDT, and lower General & Administrative allocations.
- The RL-0012 negative variance (-\$6.7M) the combined 100K and STP variances are within reporting thresholds.
- The RL-0030 negative variance (-\$6.1M) primary contributors that exceed the reporting thresholds are as follows:
 - 200-ZP-1 Operable Unit (+\$2.4M) Major contributors to the variance include, interim Operations reflects significant progress and cost underruns achieved to date for System Calibration, design of the permanent hookup of well EW-1 was lower than planned as only minor changes were needed to an existing design, cost for performing general operating and

maintenance and minor modification activities have been lower than planned as the system has been running smoothly, cost for collecting depth-discrete groundwater and soil samples during the installation of new wells was less than planned, development of construction acceptance test plans are lower than planned.

- 100-NR-2 OU (-\$1.6M) Chemical treatment and maintenance scope, jet grouting pilot test work, RI/FS Work Plan and Interim Proposed Plan Reporting were performed more efficiently than planned leading to the positive cost variance.
- Usage Based Services (-\$1.6M) Increased cost associated with training due to the additional ARRA work in FY2010 and fleet services costs that occurred in FY2009 and FY2010. Overruns will continue to be funds-managed within the S&GRP project.
- 200 PW-1 OU (+\$0.8M) Labor and subcontract cost for general operations and minor modifications support is less than planned. In addition, efficiencies and savings experienced with the Soil Vapor Extraction (SVE) system testing prior to March 2010 and the completed removal of two SVE units.
- The RL-0040 positive variance (+\$6.1M) is primarily due to:
 - Balance of Site (facilities and others) (+\$6.1M) favorable cost variance is associated with recognized efficiencies for demolition of the Industrial 7 Project (D4) (+\$0.6M) as a result of utilization of existing site equipment and materials, surveillance and maintenance costs (D4) (+\$1.5M) less than expected, completion of the sampling of Cell 30 with less resources than planned (+\$0.9M), Program Management utilizing less resources (+\$1.4M), capital equipment (+\$0.3M), Usage Base Services (+\$0.1M), and underrun in overhead allocations (+\$1.3M).
- The RL-0011 positive variance (+\$0.8M) cost variance is within established reporting thresholds. The project is currently experiencing impacts associated with:
 - Contributors to the positive variance include early completion of Special Nuclear Material De-Inventory, lower procurement of D&D materials, subcontracts, and waste containers, D&D staff ramp-up, early demolition of ancillary facilities, and efficiencies in facility modifications to support D&D.

Impact –PRF and 242Z D&D field work teams were re-assigned to support RMA/RMC glovebox removal and will not return to support D&D of these buildings until FY2012. This change results in a one-year impact to PRF D&D completion and a nine-month impact to 242-Z D&D. However, the change still supports completion of TPA Milestone M-083-43, Complete Transition Of The 242-Z Waste Treatment Facility And 236-Z Plutonium Reclamation Facility to Support PFP Decommissioning, on 9/30/2013. The cost impact of extending these teams into FY2013 is reflected in the updated forecast and contributes \$16.5M to the projected overrun at completion. The balance is due to vital safety systems, which were originally planned to be deactivated, still supporting D&D and requiring surveillance/monitoring, and maintenance.
- The RL-0041, and RL-0042 positive variances (+\$1.5M) are within reporting thresholds.

FUNDING ANALYSIS

FY2011 Funds vs. Spend Forecast (\$M)

PBS	Project	FY 2011		
		Projected Funding	Spending Forecast	Variance
RL-0011	Nuclear Materials Stabilization and Disposition	163.1	160.9	2.2
RL-0013	Waste and Fuels Management Project	162.5	162.4	0.1
RL-0030	Soil, Groundwater and Vadose Zone Remediation	157.6	157.4	0.2
RL-0040	Nuclear Facility D&D, Remainder of Hanford	142.6	141.4	1.2
RL-0041	Nuclear Facility D&D, River Corridor	67.7	67.7	0.0
Total ARRA:		693.6	689.8	3.8
RL-0011	Nuclear Materials Stabilization and Disposition	39.3	36.7	2.6
RL-0012	Spent Nuclear Fuel Stabilization and Disposition	83.8	78.9	4.9
RL-0013	Waste and Fuels Management Project	90.7	84.4	6.3
RL-0030	Soil, Groundwater and Vadose Zone Remediation	170.0	172.9	(2.9)
RL-0040	Nuclear Facility D&D, Remainder of Hanford	24.6	17.9	6.7
RL-0041	Nuclear Facility D&D, River Corridor	55.4	47.1	8.3
RL-0042	Fast Flux Test Facility Closure	2.4	1.5	0.9
Total Base:		466.2	439.4	26.8

Funds/Variance Analysis:

Funding includes FY2010 carryover and FY2011 new Budget Authority. The RL-0030 project is working to identify actions necessary to bring the Base forecast within projected funding.

BASELINE CHANGE REQUESTS

In March 2011, CHPRC approved and implemented eight baseline change requests, of which four are administrative in nature and did not change budget, schedule or scope.

The eight change requests are briefly identified in the table below:

Change Request #	Title	Summary of Change
Implemented into the Earned Value Management System for March 2011		
AWA-PRC-11-029R0	<i>Impact of 90Mil Rigid Liner Venting Requirements</i>	This advanced work authorization (AWA) initiates Change Order #139 in Contract Modification 155 as ARRA scope with a not-to-exceed limit of \$1.2M and covers the period February 21, 2011, through May 22, 2011. No additional FY2011 funds are required as a result of this advanced work authorization. Funds management is used to ensure that the authorized FY2011 ARRA funds for Project Baseline Summary (PBS) RL-0013 are not exceeded.
BCR-030-11-011R0	<i>Additional S&GWP FY2011 Scope Adjustments</i>	There is no change to contract scope; however, the PMB is adjusted as described in this change request. This change request defers low priority work scope from FY2011 based on RL priorities and the anticipated fiscal year funding levels provided by RL. This change request also reduces the BCWS on selected work breakdown structure (WBS) elements with work scope in FY2011. In general, PMB work scope adjustments are made to nine (9) RL-30 level 2 WBSs as identified: Integration & Assessments, Drilling, KR-4 Operable Unit, 100-NR-2 Operable Unit, 100-HR-3 Operable Unit, 200-BP-5 Operable Unit, 200-UP-1 Operable Unit, PBS RL-30 Reg Decisions & Closure Integration; and, Deep Vadose Zone Treatability Tests. The specific PMB work scope adjustments are discussed in more detail in Section 17. No additional funds are required as a result of this change request and no management reserve is used.
BCR-PRC-11-016R0	<i>Accelerate Demolition of 2736-Z-ZB Vaults</i>	Demolition of the 2736ZC, 2736ZA, 2736ZB, 2721-Z, 2731-ZA and 2736-Z facilities (ZB Complex) are accelerated to complete in FY2011 under ARRA. The demolition of these facilities was planned to complete in the current baseline late in FY2013, but because of recognized efficiencies, CHPRC is able to perform this work scope two years ahead of schedule. No additional funds are required as a result of this change request. Management reserve is used in the amount of \$706K ARRA. There are changes to metrics as identified in the change request (ERDF waste debris, Cold & Dark metric and Demolition metric).
BCR-PRC-11-028R0	<i>Change in Demolition Approach for the 181KE & 181KW Structures</i>	A change in approach to the demolition of the 181KE/181KW River Pump Houses has recently been identified. This change in approach resulted from the "Cultural Resources Review for Demolition and Disposition of the 100K Area River Structures (181KW, 181KE, and 1908K), Hanford Site, Benton County, Washington," HCRC #2010-100-116. This change request documents the estimate revision required by the change in approach as identified in this change request. No additional funding is required as a result of this change request. Funds management is to be used to ensure that the authorized FY2011 ARRA and Base funds for Project Baseline Summary (PBS) RL-0041 are not exceeded. Management reserve is used in the amount of \$1,577.3K (\$786.2K Base / \$791.2K ARRA). There is no change to the Key Performance Parameter metrics as a result of this change request.

BCRA-PRC-11-025R0	<i>Adjustments to Fee</i>	This change request aligns the Fee distribution in the PRC Baseline to Table B.4-1, Contract Cost and Contract Fee, per Contract Modification 147. Since the Fee distribution is below the Performance Measurement Baseline, there are no details generated by WBS for this change request, no schedule details generated by this change request, and no CEIS details generated by this change request.
BCRA-PRC-11-026R0	<i>Adjustment to Schedule Logic for Milestones in PMB</i>	This administrative change request adjusts the schedule logic for identified milestones. Both TPA & Performance Based Incentive Base & ARRA milestones are affected in project baseline summaries (PBSs) RL-011, RL-13, RL-30, RL-40 and RL-41. This change request also documents administrative changes to KPP milestones and the subsequent CD-4 packages that follow as requested by DOE. To make sure the CHPRC team is responsible for completing the work, it is decided CHPRC should track these activities in the CHPRC PMB. So for every KPP a 45 calendar day activity is added where CHPRC works with DOE counterparts to complete the CD-4 checklist items and validate completion of each KPP within 30 days of completing the physical work for those KPPs that complete prior to 9/30/11. Overall 20 activities are added. Furthermore, this change request also removes milestones previously added as KPPs that are not now viewed as KPPs. In some cases, the KPP coding to the milestone is removed and in some cases the milestone itself is deleted. The PBSs affected are RL-11, RL-13, RL-30, RL-40 and RL-41. This change request also documents CHPRC responses to two (2) DOE Review Comment Record (RCR) comments on BCR-PRC-10-053R0, "PRC Baseline, Revision 2 Update". See Attachment 1 of the change request for the CHPRC response and corresponding changes to CEIS. See the attached schedule for TPA milestone logic changes. There is no change to scope and no management reserve is used.
BCRA-PRC-11-031R0	<i>General Administrative & FOC Changes for March 2011</i>	CHPRC Organizational Change Announcement CH1102-15, dated February 22, 2011 (see Attachment #1 of this change request), establishes two new organizations from the existing Business Services and Project Controls Organization. Attachment #2 of this change request reflects the before and after change for the Functional Organization Code (FOC) and FOC Groups to implement this re-organization. In addition, general HPIC Changes as identified in Attachment #3 are also documented in this administrative change request. The general HPIC changes include new WBSs, change in Control Account Managers, requested new Cost Account Charge Numbers (CACNs) and other identified changes.
BCRA-R30-11-003R0	<i>Transfer of Scope Between ARRA Subprojects, RL-30</i>	This change request transfers scope between ARRA subprojects RL-0030.R1.1 (ARRA Funded Central Plateau Soil and Groundwater Capital Assets) and RL-0030.R1.2 (ARRA Funded Central Plateau Soil and Groundwater Operations). There is no change to the overall budget. Scope moved from RL-0030.R1.1 to RL-0030.R1.2 includes the following: procurement of ion exchange resin, installation of high-density polyethylene piping (HDPE), installation of mechanical/electrical well racks, installation of road crossing #47, software development, construction punch list completion, procurement/installation of standby power, essential drawing/redline analysis, and associated construction/engineering support related to aforementioned scope items. The budget distribution by month for FY2011 is altered by one factor – procurement of ion exchange resin. Project has elected to procure this item later as there is not sufficient storage on-site currently and the procurement is not on critical path. The scope of work addressed is ARRA scope in FY2011 and there is no schedule duration impact. Copies of the COBRA budget reports are also included. No additional funding is

		required as a result of this change request. There is no adjustment to the 200 West Pump & Treat Project ARRA key parameters and/or performance (KPP) metrics. There is no change to the current risk profile as a result of this change request.
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Overall the contract period PMB budget was increased \$4.2 million in March 2011. Management reserve was used in the amount of \$2,283.3K as follows: (1) \$1,577.3K for RL-0041. Because the new approach for demolition of the 181KE & 181KW structures incorporates corrective actions determined to be necessary as a result of the Ecological/Cultural Resource reviews, it represents a realization of risk KBC-020, Ecological/Cultural Conditions Restrict Field Activities; and, (2) \$706K of management reserve for RL-0011 to cover estimate uncertainties for demolition of the 2736-Z/ZB vaults. As documented in administrative change request BCRA-PRC-11-002R0, "Adjustments to Fee", the fee distribution is reduced \$56.7 million to \$247.3 million consistent with Contract Modification 147. See the Format 3 Report in Appendix A and A-1 for a complete listing of the specific change requests and the impact on the PMB budget by fiscal year. The change to the Estimated Contract Price, if all authorized, un-priced work scope were definitized at the PMB values as a result of change requests processed in March 2011, is a \$54.9 million reduction and is summarized by fiscal year in the tables below (dollars in thousands, negative number represents reduction):

March 2011 Summary of Changes to Estimated Contract Price

	FY2009	FY2010	FY2011	FY2012	FYs 2009-2013	FYs 2014-2018
February 2011 Estimated Contract Price						
PMB	653,426	960,017	977,374	708,748	3,856,687	2,375,396
Mgmt Rsrv (MR)	0	0	39,691	25,100	96,491	86,300
Fee	39,712	48,772	49,036	40,377	210,649	93,429
Total	693,138	1,008,790	1,066,101	774,225	4,163,827	2,555,125
Change by Funding Source to Estimated Contract Price in March 2011 (8 BCRs)						
PMB						
ARRA						
All ARRA WBSs	0.0	0	3,352	0	3,352	0
Base						
All Base WBSs	0	0	-7,582	-262	810	0
Change to PMB	0	0	-4,229	-262	4,163	0
MR						
ARRA						
All ARRA WBSs	0	0	-1,497	0	-1,497	0
Base						
All Base WBSs	0	0	-786	0	-786	0
Change to MR	0	0	-2,283	0	-2,283	0
Fee						
ARRA						
All ARRA WBSs	0	0	-1,334	0	-1,334	0
Base						
All Base WBSs	0	0	-15,380	-18,777	-49,388	-6,012
Change to Fee	0	0	-16,714	-18,777	-50,722	-6,012
Total Change	0	0	-23,226	-19,039	-48,843	-6,012
March 2011 Estimated Contract Price						
PMB	653,426	960,017	973,145	708,486	3,860,850	2,375,396
MR	0	0	37,408	25,100	94,208	86,300
Fee	39,712	48,772	32,322	21,600	159,927	87,417
Total	693,138	1,008,790	1,042,875	755,186	4,114,984	2,549,113

Changes to/Utilization of Management Reserve in March 2011

		FY2009	FY2010	FY2011	FY2012	FY2009-2013	FY2014-2018
Management Reserve (MR) - End of February 2011							
ARRA	RL-0011.R1	0	0	5,600	0	5,600	0
	RL-0013.R1.1	0	0	0	0	0	0
	RL-0013.R1.2	0	0	1,000	0	1,000	0
	RL-0030.R1.1	0	0	0	0	0	0
	RL-0030.R1.2	0	0	5,200	0	5,200	0
	RL-0040.R1.1	0	0	3,800	0	3,800	0
	RL-0040.R1.2	0	0	0	0	0	0
	RL-0041.R1	0	0	9,399	0	9,399	0
ARRA Total	0	0	24,999	0	24,999	0	
Base	RL-0011	0	0	2,000	7,400	17,400	0
	RL-0012	0	0	3,000	3,000	10,500	16,800
	RL-0013	0	0	1,500	3,000	9,500	38,100
	RL-0030	0	0	3,392	4,000	11,792	32,000
	RL-0040	0	0	3,800	4,000	12,900	31,900
	RL-0041	0	0	1,000	3,500	9,000	18,000
	RL-0042	0	0	0	200	400	1,000
	Base Total	0	0	14,692	25,100	71,492	137,800
MR Total	0	0	39,691	25,100	96,491	137,800	
Changes to/Utilization of Management Reserve in March 2011							
ARRA	RL-0011.R1	0	0	-706	0	-706	0
	RL-0013.R1.1	0	0	0	0	0	0
	RL-0013.R1.2	0	0	0	0	0	0
	RL-0030.R1.1	0	0	0	0	0	0
	RL-0030.R1.2	0	0	0	0	0	0
	RL-0040.R1.1	0	0	0	0	0	0
	RL-0040.R1.2	0	0	0	0	0	0
	RL-0041.R1	0	0	-791	0	-791	0
ARRA Total	0	0	-1,497	0	-1,497	0	
Base	RL-0011	0	0	0	0	0	0
	RL-0012	0	0	0	0	0	0
	RL-0013	0	0	0	0	0	0
	RL-0030	0	0	0	0	0	0
	RL-0040	0	0	0	0	0	0
	RL-0041	0	0	-786	0	-786	0
	RL-0042	0	0	0	0	0	0
	Base Total	0	0	-786	0	-786	0
MR Total	0	0	-2,283	0	-2,283	0	
Management Reserve - End of March 2011							
ARRA	RL-0011.R1	0	0	4,894	0	4,894	0
	RL-0013.R1.1	0	0	0	0	0	0
	RL-0013.R1.2	0	0	1,000	0	1,000	0
	RL-0030.R1.1	0	0	0	0	0	0
	RL-0030.R1.2	0	0	5,200	0	5,200	0
	RL-0040.R1.1	0	0	3,800	0	3,800	0
	RL-0040.R1.2	0	0	0	0	0	0
	RL-0041.R1	0	0	8,608	0	8,608	0
ARRA Total	0	0	23,502	0	23,502	0	
Base	RL-0011	0	0	2,000	7,400	17,400	0
	RL-0012	0	0	3,000	3,000	10,500	16,800
	RL-0013	0	0	1,500	3,000	9,500	38,100
	RL-0030	0	0	3,392	4,000	11,792	32,000
	RL-0040	0	0	3,800	4,000	12,900	31,900
	RL-0041	0	0	214	3,500	8,214	18,000
	RL-0042	0	0	0	200	400	1,000
	Base Total	0	0	13,906	25,100	70,706	137,800
MR Total	0	0	37,408	25,100	94,208	137,800	

SELF-PERFORMED WORK

Business structure information documents ongoing compliance with the requirements of the Section H.20 clause entitled *Self-Performed Work*. CHPRC expects percentages for small business to increase as the year progresses.

Contract-to-Date Actual Awards & Mods								Projection through FY18	
10/01/08 thru 3/31/2011								Planned Subcontracting*	\$2,524,483,195
Contracts + Purchase Orders + Pcards								Contract-to-Date Awards =	\$1,657,380,910
Reporting Classification	ARRA		Non-ARRA		Total (\$)	Percent of Total	Goal (%)	Balance Remaining to Award =	\$867,102,285
	(\$)	%	(\$)	%				Goal Award (\$)	Bal. to Goal (\$)
SB	\$372,162,338	53.98%	\$447,250,222	46.21%	\$819,412,560	49.44%	49.30%	\$1,244,570,215	\$425,157,655
SDB	\$75,063,151	10.89%	\$75,574,200	7.81%	\$150,637,350	9.09%	8.20%	\$207,007,622	\$56,370,272
SWOB	\$81,572,971	11.83%	\$83,318,991	8.61%	\$164,891,962	9.95%	6.50%	\$164,091,408	(\$800,554)
HUB	\$12,004,956	1.74%	\$19,903,320	2.06%	\$31,908,276	1.93%	3.20%	\$80,783,462	\$48,875,186
VOSB	\$57,158,107	8.29%	\$35,382,955	3.66%	\$92,541,062	5.58%	2.00%	\$50,489,664	(\$42,051,398)
SDVO	\$12,067,282	1.75%	\$14,226,851	1.47%	\$26,294,133	1.59%	2.00%	\$50,489,664	\$24,195,531
NAB	\$10,945,727	1.59%	\$7,211,872	0.75%	\$18,157,599	1.10%	0.00%	<i>*10-year subcontracting projection</i> PRC clause H.20 small business (SB) requirement: ≥17% of Total Contract Price performed by SB Total Contract Price: \$5,363,111,740 17% requirement: \$911,728,996 Awarded: \$819,412,560 Balance to Requirement: \$92,316,436	
Large	\$198,156,366	28.74%	\$294,284,510	30.40%	\$492,440,876	29.71%	0.00%		
GOVT	\$73,727	0.01%	\$1,138,057	0.12%	\$1,211,784	0.07%	0.00%		
GOVT CONT	\$119,041,223	17.27%	\$221,922,994	22.93%	\$340,964,217	20.57%	0.00%		
EDUC	\$8,369	0.00%	\$97,448	0.01%	\$105,817	0.01%	0.00%		
NONPROFIT	\$33,961	0.00%	\$3,058,684	0.32%	\$3,092,645	0.19%	0.00%		
FOREIGN	\$7,600	0.00%	\$142,036	0.01%	\$149,636	0.01%	0.00%		
Total	\$689,483,583		\$967,897,327		\$1,657,380,910				

Notes:

1. Performance through March 2011 continues to exceed goals in the Small Business, Disadvantaged Business, Woman Owned, and Veteran Owned categories and lag our goal for HUB zone and Service Disabled Veteran business awards. Forty-nine percent of total awards have been made to small businesses with approximately 54 percent of ARRA awards to small businesses.
2. ARRA-funded awards have accounted for 42 percent of all actions placed since contract inception.
3. Approximately 93 percent of the total dollars arise from service and staffing Contracts and Contract amendments with four percent of the dollars arising from P-Card purchases and the balance from purchase orders for materials and equipment.
4. This report excludes blanket contract values which are only estimates and not used for payment obligations.
5. Data is summarized by business categories (Woman Owned Minority Enterprise codes) in accordance with socioeconomic reporting requirements. Small business categories overlap and should not be added together.

GOVERNMENT FURNISHED SERVICES AND INFORMATION (GFS/I)

Contract Section	Project	GFS/I	Status
CONTRACT			
J.12/C.2.3.6	PBS-13, Transuranic Waste Certification	Waste Isolation Pilot Plant (WIPP) provides shipping resources and manages the schedule for transportation of these containers to WIPP. The schedule is variable and the number of shipments is controlled by DOE-HQ on a complex-wide priority. Cost for shipment of TRU waste offsite is borne by the Carlsbad Field Office.	Ongoing