

**Project Operating Plan – Paducah Recovery Act Project
PREDECISIONAL DOCUMENT**

BACKGROUND

Recovery Act Project: Paducah Gaseous Diffusion Plant – Uranium Enrichment Decontamination and Decommissioning (UE D&D) – Accelerate Cleanup of Surplus Facilities, Soil and Groundwater

TAFS: 89-09/10-5657 UE D&D EM - American Recovery and Reinvestment Act of 2009

Project Identification Code: 2002120

Recovery Act Bill Reference: PL 111-5 – Title IV Energy and Water Development, Uranium Enrichment Decontamination and Decommissioning Fund

Project Cost: \$78.8M

Budget Authority: Standard Accounting and Reporting System Fund Code: 2002120 for \$78.8M; Control B&R:FF.01.11.00.0 for \$78.8M

Program Office: Environmental Management (EM)

Recovery Program Plan: EM – Uranium Enrichment Decontamination and Decommissioning Fund

Management Office: Portsmouth/Paducah Project Office, William Murphie, (859) 219-4001

LEADS

Implementation: Not Applicable

Breakthrough: Not Applicable

Laboratory: Not Applicable

I. SUMMARY & OBJECTIVES

Summary:

The National Energy Policy Act of 1992 assigned the Secretary of the Department of Energy (DOE) the responsibility to decontaminate and decommission (D&D) the uranium enrichment gaseous diffusion plants. This project accelerates the D&D and remediation responsibilities of the Environmental Management Program.

Investment in this project will accelerate the complete demolition of three facilities at the Paducah Gaseous Diffusion Plant, two large chemical processing facilities and one contaminated metals smelting facility. This work will create and/or retain many new jobs. Specific accomplishments include:

- Accelerate and complete the dismantlement and disposal of all major systems and large process equipment contained within the C-410 Uranium Hexafluoride Production Complex; and complete structural demolition of the entire C-410 Complex to slab (200,000 square feet).
- Accelerate and complete the dismantlement and disposal of all major systems and large process equipment contained within the C-340 Uranium Metal

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Production Complex; and complete structural demolition of the entire C-340 Complex to slab (77,000 square feet).

- Accelerate and complete the packaging and disposal of loose materials, dismantlement and disposal of all systems and smelter equipment contained within the C-746-A East End Smelter; and complete structural demolition of the entire Smelter facility to slab (21,000 square feet).

The baseline completion date for the Paducah remediation program is FY2019. During a meeting with HQ, an issue was recognized that the funding levels did not match the baseline commitments. Paducah was directed to assume flat-line funding, which resulted in the completion date shifting from FY2019 to FY2031.

The lifecycle savings of \$233M was initially calculated for the ARRA work based on the recalculated completion date. On April 9, 2009, Dr. Inés Triay re-directed Paducah to maintain the FY2019 completion date. Therefore, Paducah's cost savings for the ARRA work scope is currently being recalculated.

It is anticipated that modifications in the amount of \$36.1M will be made to the existing Paducah Remediation Services, LLC (PRS) contract for work to be completed through June 30, 2010. Funds remaining after completion of the PRS contract will be part of the follow-on contractual effort. Also, local businesses, vendors, and material suppliers will benefit as a result of increased purchases required to support the American Recovery and Reinvestment Act (ARRA) work scope.

This Recovery Act work ties to the following DOE and EM Strategic Goals and Themes:

DOE Strategic Goal 4 –Environmental Responsibility – Protecting the environment by providing a responsible resolution to the environmental legacy of nuclear weapons production.

DOE Strategic Goal 5 – Management and Excellence – Enabling the Department’s mission through sound management and business practices.

EM Goals – To safely disposition large volumes of nuclear waste; safeguard materials that could be used in nuclear weapons; deactivate and decommission thousands of contaminated facilities no longer needed by the Department to carry on its current mission; EM is fulfilling its commitments to reduce overall risk and complete cleanup across all sites for generations to come.

Public Benefits: These facilities contain hazardous or radiological material. Accelerating the removal and proper disposal reduces the risk of release of this material to the environment. As a result the on site workers and the public are protected from exposure to the hazardous and radiological material. The long term cost of maintaining these facilities is eliminated through accelerating demolition. Many new non-federal jobs will be created and/or retained in an economically disadvantaged region (approximately 9% unemployment rate) through execution of this project.

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Recovery Act Project Impacts: Paducah has funding budgeted in fiscal year (FY) 12 – FY 17 that is currently planned for the D&D of the C-410 and C-340 complexes. Funding the D&D of the East End Smelter is budgeted in the out-years as part of the D&D of the entire Gaseous Diffusion Plant. Accelerating the D&D of these facilities will allow that funding to be used for acceleration of other cleanup activities such as groundwater, soils, surface water, and burial grounds. Accelerating the demolition of these facilities will also reduce the mortgage cost for the program. The total contaminated footprint reduction at the Paducah plant is approximately 7 acres as a result of completing this work.

II. COST & SCHEDULE

Table 1a: Budget Implementation 12 Week Obligations (\$M)

	Week of ARRA Activities (Beginning Week of March 9)												
	1	2	3	4	5	6	7	8	9	10	11	12	
Paducah Gaseous Diffusion Plant - UE D&D - Accelerate cleanup of surplus facilities, soil and groundwater													

Table 1b: Budget Implementation 12 Week Expenditures (\$M)

	Week of ARRA Activities (Beginning Week of March 9)												
	1	2	3	4	5	6	7	8	9	10	11	12	
Paducah Gaseous Diffusion Plant - UE D&D - Accelerate cleanup of surplus facilities, soil and groundwater													

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Table 2a: Budget Implementation Monthly & Yearly Obligations (\$M)

	FY 2009 Q3			FY 2009 Q4			FY 2010 Q1			
	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	
Paducah Gaseous Diffusion Plant - UE D&D - Accelerate cleanup of surplus facilities, soil and groundwater	FY 2010 Q2			FY 2010 Q3			FY 2010 Q4			
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	
	FY 2011 Q1			FY 2011 Q2			FY 2011 Q3 & Q4			
	Oct	Nov	Dec	Jan	Feb	Mar	Apr – Sept			
	FY 2012			FY 2013			FY 2014		FY 2015	

Table 2b: Budget Implementation Monthly & Yearly Expenditures (\$M)

	FY 2009 Q3			FY 2009 Q4			FY 2010 Q1			
	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	
Paducah Gaseous Diffusion Plant - UE D&D - Accelerate cleanup of surplus facilities, soil and groundwater	FY 2010 Q2			FY 2010 Q3			FY 2010 Q4			
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	
	FY 2011 Q1			FY 2011 Q2			FY 2011 Q3 & Q4			
	Oct	Nov	Dec	Jan	Feb	Mar	Apr – Sept			
	FY 2012			FY 2013			FY 2014		FY 2015	

NOTES:

- Funds will be obligated against either the existing contract or the follow-on contract as appropriate.
- Project schedule and obligations and expenditure forecasts assume an allocation of funds on April 30, 2009. This will result in an immediate work start.

Funds Returned and Offsetting Collections

Not Applicable

Table 3: Funds Returned and Offsetting Collections (\$M)

	FY 09	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15
There are no returned funds or any offsetting collections							

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Indirect Costs

In accordance with the indirect cost definition provided in the Project Operating Plan instructions dated March 4, 2009, indirect costs associated with site operations (e.g., GFSI) will be covered using base program dollars.

Changes to Baseline Budget

Table 4: Changes to Baseline Budgets (\$M)

Changes to Baseline Budget	Increase/Decrease	FY 09	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15
Program Direction After FY 2010	No Change							
Continuation of New Programs	No Change							
Project Acceleration	No Change							

NOTES: The baseline completion date for the Paducah remediation program is FY2019. During a meeting with HQ, an issue was recognized that the funding levels did not match the baseline commitments. Paducah was directed to assume flat-line funding, which resulted in the completion date shifting from FY2019 to FY2031.

The lifecycle savings of \$233M was initially calculated for the ARRA work based on the recalculated completion date. On April 9, 2009, Dr. Inés Triay re-directed Paducah to maintain the FY2019 completion date. Therefore, Paducah's cost savings for the ARRA work scope is currently being recalculated.

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Milestones

Weekly/Monthly Milestones		
	DATE	Comments
Issue change order to contractor to begin planning & development of contract proposals for the Paducah ARRA Project	4/30/2009	
Begin refining baseline estimates and schedules.		
Begin draft Statement of Work (SOW) & Basis of Estimate (BOE) for the Paducah ARRA Project (through September 2011)		
C-340 Complex: Submit Security Plan to PPPO for review and approval	5/15/2009	
C-340 Complex & C-746-A East End Smelter: Identify long lead equipment & begin specification/bid package development	5/22/2009	
Hire Subcontractor to develop specific training modules for integrated safety management system	5/27/2009	
Finalize SOW / BOE		
<i>First 4 Weeks of Spending</i>		
Submit regulatory notification of work in a Solid Waste Management Unit to Kentucky Division of Waste Management for C-746-A East End Smelter	6/5/2009	
C-746-A East End Smelter: Oak Ridge approval of Vulnerability Assessment	6/12/2009	
C-340 Complex & C-746-A East End Smelter: Final Estimate and Schedule to PPPO		
C-340 Complex & C-746-A East End Smelter: Begin work package development	6/19/2009	
C-340 Complex & C-746-A East End Smelter: Initiate bid and internal and internal award on long lead equipment	6/26/2009	
<i>Second 4 Weeks of Spending</i>		
C-340 Complex & C-746-A East End Smelter: Start development of National Environmental Policy Act Categorical Exclusion (NEPA CX) for systems and internal equipment removal and structure demolition (C-746-A East End Smelter only)	J-09	Milestone dates are conceptual and will be adjusted based on detailed cost estimates, field implementation schedules, and implementation contracting for the activity.
C-340 Complex and C-746-A East End Smelter: Complete development of NEPA CX for systems and internal equipment removal and structure demolition and submit to PPPO for approval		
Submit C-340 Complex: Demolition Engineering Evaluation/Cost Analysis to Regulatory Agencies		
C-340 Complex and C-746-A East End Smelter: PPPO approve NEPA CX for systems and internal equipment removal	A-09	Milestone dates are conceptual and will be adjusted based on detailed cost estimates, field implementation schedules, and implementation contracting for the activity.

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	S-09	
Submit C-340 Complex Demolition Action Memorandum to Regulatory Agencies	O-09	Milestone dates are conceptual and will be adjusted based on detailed cost estimates, field implementation schedules, and implementation contracting for the activity.
	N-09	
C-340 Complex: Start Accessible Asbestos Abatement Removal	D-09	Milestone dates are conceptual and will be adjusted based on detailed cost estimates, field implementation schedules, and implementation contracting for the activity.
Submit C-340 Complex Demolition Removal Action Work Plan to Regulatory Agencies		
C-340 Complex: Complete Accessible Asbestos Abatement Removal	J-10	Milestone dates are conceptual and will be adjusted based on detailed cost estimates, field implementation schedules, and implementation contracting for the activity.
C-746-A East End Smelter: Complete Loose Material Removal	F-10	Milestone dates are conceptual and will be adjusted based on detailed cost estimates, field implementation schedules, and implementation contracting for the activity.
C-340 Complex: Complete Hydrofluoric Acid System Removal	M-10	Milestone dates are conceptual and will be adjusted based on detailed cost estimates, field implementation schedules, and implementation contracting for the activity.
C-746-A East End Smelter: Complete Accessible Asbestos Abatement Removal	A-10	Milestone dates are conceptual and will be adjusted based on detailed cost estimates, field implementation schedules, and implementation contracting for the activity.
C-746-A East End Smelter: Complete Process Piping Removal	M-10	Milestone dates are conceptual and will be adjusted based on detailed cost estimates, field implementation schedules, and implementation contracting for the activity.
C-340 Complex: Complete Magnesium Fluoride System Removal	J-10	Milestone dates are conceptual and will be adjusted based on detailed cost estimates, field implementation schedules, and implementation contracting for the activity.
	J-10	
C-746-A East End Smelter: Complete Auxiliary Equipment Removal	A-10	Milestone dates are conceptual and will be adjusted based on detailed cost estimates, field implementation schedules, and implementation contracting for the activity.
C-340 Complex: Complete Uranium System Removal	S-10	Milestone dates are conceptual and will be adjusted based on detailed cost estimates, field implementation schedules, and implementation contracting for the activity.

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C-340 Complex: Complete Hydrogen System Removal	O-10	Milestone dates are conceptual and will be adjusted based on detailed cost estimates, field implementation schedules, and implementation contracting for the activity.
	N-10	
	D-10	
C-340 Complex: Complete Process Piping and Internal Equipment (80% Project Completion)	J-11	Milestone dates are conceptual and will be adjusted based on detailed cost estimates, field implementation schedules, and implementation contracting for the activity.
C-340 Complex: Complete heating, ventilation, and air conditioning (HVAC) System Removal	F-11	Milestone dates are conceptual and will be adjusted based on detailed cost estimates, field implementation schedules, and implementation contracting for the activity.
	M-11	
	A-11	Milestone dates are conceptual and will be adjusted based on detailed cost estimates, field implementation schedules, and implementation contracting for the activity.
C-410 Complex: Complete dismantlement of process equipment and support systems		
Start C-340 Complex Building Demolition		
Start C-410 Complex Building Demolition	M-11	Milestone dates are conceptual and will be adjusted based on detailed cost estimates, field implementation schedules, and implementation contracting for the activity.
C-746-A East End Smelter: Complete dismantlement of systems and Smelter equipment (80% Project Completion)	J-11	Milestone dates are conceptual and will be adjusted based on detailed cost estimates, field implementation schedules, and implementation contracting for the activity.
C-340 Complex: Complete waste disposal of all large internal equipment and accessible asbestos		
C-410 Complex: Complete packaging of systems and internal equipment in preparation for Waste Disposition (80% Project Completion)	J-11	Milestone dates are conceptual and will be adjusted based on detailed cost estimates, field implementation schedules, and implementation contracting for the activity.
Start C-746-A East End Smelter Building Demolition	A-11	Milestone dates are conceptual and will be adjusted based on detailed cost estimates, field implementation schedules, and implementation contracting for the activity.
Complete C-410 Complex Building Demolition		
C-746-A East End Smelter: Complete Building Demolition	S-11	Milestone dates are conceptual and will be adjusted based on detailed cost estimates, field implementation schedules, and implementation contracting for the activity.
Complete C-340 Complex Building Demolition		

Yellow Highlight shows sub-project 80% complete

All Projects must be managed using either Primavera or Microsoft Project. Further guidance on project management is forthcoming. Please see Overview, Upcoming Requirements, Section E for more information about project management software. Submittal of project management files, including resource loaded schedules, are not expected at this time, however, requests for detailed project management information may occur in the future and programs should prepare to respond accordingly.]

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Table 5: Delivery Schedule for Capital Asset Projects [ENTER INTO SHAREPOINT DIRECTLY]

Program/Office of Engineering and Construction Management (OECM) Milestone	Delivery (End) Date	Comments
Develop capital asset projects Integrated Project List		
Develop Parametric Performance Baseline (Individual Projects)	November 2006	Initial baseline was submitted for DOE and EIR.
If < \$100 M Perform IPR, > \$100 M Perform EIR (Individual Projects)	February 2007	Onsite review started in February 2007 with recommendation for certification of the near-term performance baselines and verification of the reasonableness of the out-year planning estimate range (OPER) by OECM in November 2007. The D&D of the C-410 Complex is included in the certified baseline and the D&D of the C-340 Complex was included in the verified OPER. The D&D of the C-746-A East End Smelter will be accelerated from the out-years into the near-term performance baseline by a Baseline Change Proposal.
Approve Performance Baseline	January 2008	
Approve Start of Construction	January 2008	
Approve Project Completion	September 2011	Projected completion date is for ARRA subprojects only.

REMINDER: All data entered into the SharePoint Recovery Data Collection site will be final at COB April 6. Programs should ensure all appropriate concurrences are obtained and that all project level data submitted electronically via the Recovery Data Collection site is comprehensive, accurate, and up to date.

NOTES: There is a risk that the regulatory agencies could delay approval of the Engineering Evaluation / Cost Analysis, Action Memorandum, or Removal Action Work Plan for demolishing the structure of the C-340 and C-410 facilities. We are currently meeting with all regulatory agencies and recommending real time reviews and comment resolution sessions to expedite document approval. We have a high degree of confidence that our approach will result in achieving the document approval on schedule, which will result in completing demolition on schedule. If the regulatory agencies delay their

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approval then a day for day delay will result. There is a slight risk that extensive security measures will be required during the disposal of material and demolition of the East End Smelter resulting in increased cost and schedule delays. Significant coordination and planning is ongoing between contractors and the Department to mitigate this risk. The C-410 facility is located adjacent to operating facilities leased to the United States Enrichment Corporation (USEC). There is a risk that the demolition of the C-410 facility could be impacted by adjacent USEC operations. Waste may be generated that requires long lead time generation to resolve profile and specific regulatory issues to allow disposal. Also, the project schedule and obligations and expenditure forecasts assume an allocation of funds on April 30, 2009. This will result in an immediate work start. In the event that the allocation of funds does not occur by April 30, 2009, there is a risk that the scope of work identified within this Project Operating Plan will not be completed by September 30, 2011. If funding is allocated after April 30, 2009, the Department will reevaluate the scope and schedule to determine what portion of the scope can be completed by September 30, 2011.

III. PERFORMANCE

Performance Measures

Table 6: Project Performance Targets

Recovery Act Project Identification Code	2002120
Linkage To S-1 Priorities	Nuclear Security and Legacy – (a total of 298,000 square feet will be demolished; this is approximately 7 acres of site contaminated footprint reduction)
Linkage to Current Program Goal (if applicable)	EM Goals – Environmental responsibility to protect the environment; to safely disposition large volumes of nuclear waste; and deactivate and decommission thousands of contaminated facilities no longer needed by the Department to carry on its current mission.
Three Year Outcome-Oriented Performance Measure (end of FY 2011)	1) Complete structural demolition of the entire C-410 Complex to slab (200,000 square feet) 2) Complete structural demolition of the entire C-340 Complex to slab (77,000 square feet) 3) Complete structural demolition of the entire C-746-A East End Smelter facility to slab (21,000 square feet)

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First Year Performance Target (FY 2009 3 rd and 4 th Quarters only)	C-340 Complex and C-746-A East End Smelter: NEPA CX Approval
Q3 – Project-Level Quarterly Performance Milestones	C-746-A East End Smelter: Oak Ridge approval of Vulnerability Assessment
Q4 – Project-Level Quarterly Performance Milestone(s)	1) C-340 Complex and C-746-A East End Smelter: NEPA CX Approval 2) C-340 Complex: Submit Engineering Evaluation/Cost Analysis to Regulators
Second Year Performance Target (accomplishments in FY 2010)	C-746-A East End Smelter: Complete Loose Material Removal 02/2010
Quarter 1 (Q1) - Project-Level Quarterly Performance Milestone(s)	1) C-340 Complex: Start Accessible Asbestos Abatement Removal 12/2009 2) Submit C-340 Complex Demolition Removal Action Work Plan to Regulatory Agencies 12/2009 3) C-340 Complex: Submit Action Memorandum to Regulators
Q2 - Project-Level Quarterly Performance Milestone(s)	1) C-340 Complex: Complete Accessible Asbestos Abatement Removal 01/2010 2) C-746-A East End Smelter: Complete Loose Material Removal 02/2010 3) C-340 Complex: Complete Hydrofluoric Acid System Removal 03/2010
Q3 - Project-Level Quarterly Performance Milestone(s)	1) C-746-A East End Smelter: Complete Accessible Asbestos Abatement Removal 04/2010 2) C-746-A East End Smelter: Complete Process Piping Removal 05/2010 3) C-340 Complex: Complete Magnesium Fluoride System Removal 06/2010
Q4 - Project-Level Quarterly Performance Milestone(s)	1) C-746-A East End Smelter: Complete Auxiliary Equipment Removal 08/2010 2) C-340 Complex: Complete Uranium System Removal 09/2010
Third Year Performance Target (Accomplishments in FY 2011)	1) Start C-340 Complex Building Demolition 05/2011 2) Start C-746-A East End Smelter Building Demolition 08/2011 3) Start C-410 Complex Building Demolition 05/2011
Q1 - Project-Level Quarterly Performance Milestone(s)	C-340 Complex: Complete Hydrogen System Removal 10/2010

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Q2 - Project-Level Quarterly Performance Milestone(s)	1) C-340 Complex: Complete Process Piping and Internal Equipment (80% Project Completion) 1/2011 2) C-340 Complex: Complete HVAC System Removal 02/2011
Q3 - Project-Level Quarterly Performance Milestone(s)	1) C-746-A East End Smelter: Complete dismantlement of systems and Smelter equipment (80% Project Completion) 06/2011 2) C-410 Complex: Complete dismantlement of process equipment and support systems 04/2011 3) Start C-340 Complex Building Demolition 05/2011 5) Start C-410 Complex Building Demolition 05/2011
Q4 - Project-Level Quarterly Performance Milestone(s)	1) C-340 Complex: Complete waste disposal of all large internal equipment and accessible asbestos 07/2011 2) Complete C-410 Complex Building Demolition 09/2011 3) Start C-746-A East End Smelter Building Demolition 08/2011 4) C-746-A East End Smelter: Complete Building Demolition 09/2011 5) Complete C-340 Complex Building Demolition 09/2011

NOTES:

- The demolition of a Category 2 nuclear facility (C-410 Uranium Hexafluoride Production Complex) will be accelerated by one year.
- The demolition of a radiological facility (C-340 Uranium Metal Production Complex) will be accelerated by five years.
- The demolition of a radiological facility (C-746-A East End Smelter) will be accelerated by twenty-two years.

National Strategic Benefits

Not Applicable

Table 7: National Strategic Benefits

1. Not Applicable
2.

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IV. MANAGEMENT

Secretarial-level Items

Table 8: Secretary's Priorities

Secretary's Priorities	Project Impacts (Qualitative)	Project Impacts (Quantitative)
Science and Discovery		
Clean, Secure Energy		
Economic Prosperity	Positive economical impact resulting from purchasing supplies and materials from local businesses and vendors.	Create or retain jobs beginning in 2009.
National Security and Legacy	Accelerating the removal and proper disposal of hazardous or radiological material reduces risk of releases of this material to the environment.	D&D of 3 facilities Contaminated footprint reduction of approximately 7 acres
Climate Change		

Collaboration and Coordination

- The demolition of these facilities involves the Commonwealth of Kentucky and the Environmental Protection Agency (EPA) as regulating agencies for the Paducah Gaseous Diffusion Plant (PGDP). The Department is coordinating with the Commonwealth of Kentucky and Region 4 of the EPA on a daily basis to ensure that the ARRA projects are completed in compliance with laws, regulations, and cleanup agreements.
- The contractors and the Department have initiated discussions with United States Enrichment Corporation regarding the demolition of the ARRA projects on the Paducah Site (DOE leases the production facilities at the PGDP to USEC), and other on-site ARRA activities which must be coordinated between the two entities.
- Certain wastes generated at the C-746-A East End Smelter will require disposition at the Nevada Test Site (NTS). Both contractor and DOE personnel from Paducah will work closely with NTS personnel to ensure waste disposal activities can be accomplished on a schedule that supports timely completion of activities under the ARRA.

Federal Infrastructure Investments

These facilities contain hazardous or radiological material. Accelerating the removal and proper disposal reduces risk of releases of this material to the environment.

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Line Management

The contractor will use existing practices/procedures to maintain accountability and transparency with respect to Recovery Act activities. These practices include cost tracking through a defense contract audit agency audited accounting and procurement system and a DOE audited project management reporting system. As a part of this reporting system, the contractor will continue to have monthly internal project reviews and continue to conduct a monthly project review with the integrated project team. The ARRA projects will be tracked and reported independently. The contractor will use the existing work management program and integrated safety management system to plan and execute the ARRA projects. The contractor will have a dedicated project lead, accountant and document tracking specialist for documentation purposes for the ARRA projects. In addition, the contractor and DOE will have weekly update meetings to discuss progress and any potential impediments.

Needs from Staff Offices

1) Human Capital

NOTE: Based on the guidance received from DOE Planning Analysis and Evaluation (Jeremy Mark) in an e-mail from DOE EM-Recovery (Rodney Cummings) on March 26, 2009, at 1752 hours, only positions that require support from the HQ office of Human Capital should be identified in Table 9.

Table 9: Information on Hiring Under the Recovery Act

# & Type of Positions (Title, Series and Grade)	Location (HQ or Field – w/location)	Federal or Contractor	Timeframe (1-6mos; 6+mos; other; specify date needed if possible)