



U.S. DEPARTMENT OF **ENERGY**

Paducah Gaseous Diffusion Plant Deactivation Task Order Interface Matrix and Site Tenants

May 1, 2013

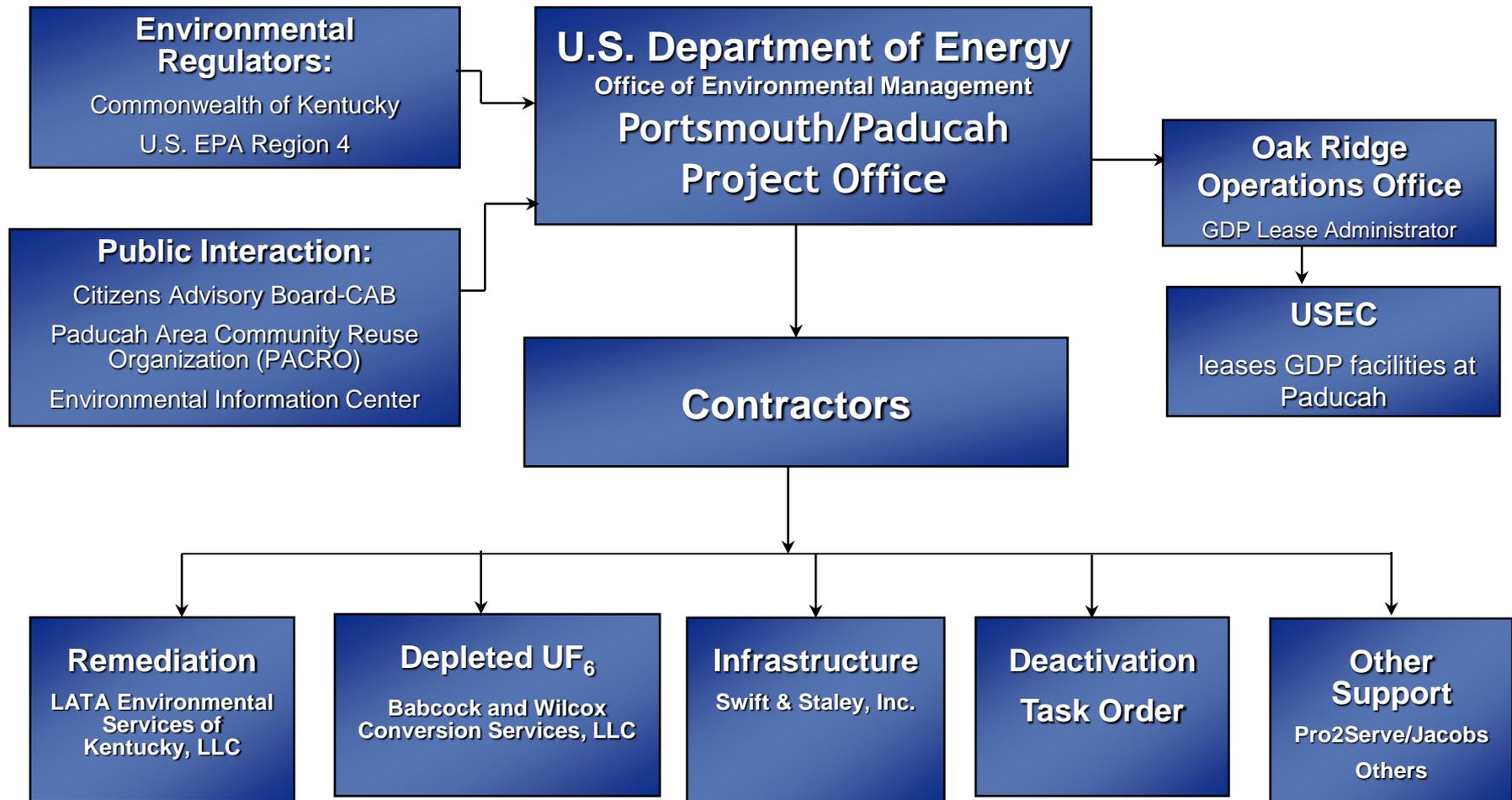


EM Environmental Management

safety ❖ performance ❖ cleanup ❖ closure

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Current Paducah Site Interfaces



Site Interface Matrix

- The Deactivation Task Order will include a Paducah Interface Requirements Matrix and Government Furnished Services.
- The Matrix identifies the key specific tasks and services that require interface and coordination with other site entities.
- The Paducah Interface Requirements Matrix and Government Furnished Services may not represent all of the necessary interactions; therefore, the Contractor is responsible to reach agreement with other site entities on any other necessary interfaces and/or the clause of services for the performance of the Contractor's work.
- The summary within this presentation is being provided to give the Contractors an understanding of the complexities of these interfaces. As the final RTP is generated, there may be changes to these services. Therefore, the Paducah Interface Requirements Matrix and Government Furnished Services that will be included with the final RTP will take precedence.



Infrastructure Contractor

Infrastructure Contractor (GFSI)

- Provides information to Human Resources regarding employment histories, medical records, radiation dose records and other records related to individuals who apply for compensation under EEOICPA.
- Performs routine and non-routine pest control (insects and rodents).
- Performs janitorial services including general cleaning, sweeping/mopping, sanitary waste pickup.
- Provides road maintenance, snow/ice removal, traffic management, and common grounds maintenance service for the site.
- Manages requests for GSA Fleet management.
- Maintains and operates the Paducah Local Area Network and T-1 lines, network administration and helpdesk support, coordinates cyber security program.
- Administers the site data into FIMS and Property Information Database System (PIDS).
- Coordinates FOIA and discovery requests.



Infrastructure Contractor (Cont.)

Infrastructure Contractor (GFSI)

- Performs security badging which encompasses issuance and control of security badges, credentials and shields.
- Administers the Plant Access Enrollment System, Foreign National Visits and Assignments, Unclassified Visits, Area and Facility access, Contraband Pass issuance and Vehicle Access Placard program.
- Maintains Site Security Plan (SSP) & provide site consolidated security report. Implement and maintain a Technical Surveillance Counter-measure program, provide communications security.
- Performs physical security for government property, including performance testing, intrusion detection, entry/access control, locksmith services, and engineering and maintenance of the physical security and access control systems.



Infrastructure Contractor (Cont.)

Infrastructure Contractor GFSI (Cont.)

- Maintains the central records repository and processes requests for documents, including the Environmental Information Center.
- Provides Intra-Site Mail Services – daily pick-up and drop-off, sorting.
- Provides training in the areas of Consolidated Annual Training, and Mandatory training including: GET, RAD Worker I and II, Annual Security Refresher, Workplace Violence, Diversity, Employee Conduct, Business Ethics/Standards of Conduct, QA Overview, Environmental Management Systems Overview, Fire Extinguisher Training, DOE Orders/Work Smart Standards and ISMS.
- Coordinates with contractors to prepare DOE Site Hazard Survey.
- Provides dosimetry and bioassay sampling, calibration and maintenance of all personnel monitoring and surveying equipment.
- Manages the overall rail maintenance, planning, operation, and coordination of rail movements on-site.



Infrastructure Contractor (Cont.)

Infrastructure Contractor GFSI (Cont.)

- Administers the OUO and ECI Program, which establishes control and accountability requirements for OUO and ECI matter, marking of OUO and ECI matter, reproduction, receipt and transmission, and destruction; and, physical protection requirements for OUO and ECI matter in storage, that includes management of OUO and ECI information in the records holding area.
- Provides information to the DOE site contractor about security arrangements and/or changes prior to new or changing operations commencing or configurations that might alter the performance of existing security system.
- Ensures utilities are provided at remote facilities.
- Tracks and identifies power needs of the site contractors for DOE's purchase of power.



Infrastructure Contractor (Cont.)

- Services provided after GDP release
 - Maintain the FCC radio frequency license, tower, transition, and radio repairs.
 - Maintain registration of radio frequencies with the National Telecommunications and Information Administration.
 - Manage radio services, including radio spectrum licensing and design, engineering integration, operations and maintenance, installation, upgrade and required system calibration services.
 - Maintain telephone lines and hardware.

Deactivation Contractor Interface Requirement

- Provides input to and coordinates with the Infrastructure Contractor to establish appropriate level of services based on facilities and services being utilized, utility interfaces, employees training, document management needs, etc.



Remediation Contractor

Remediation Contractor (GFSI)

- Performs environmental monitoring services associated with the environmental services activities, including site-wide environmental data and Geographical Information System systems.
- Develops and maintains the Annual Site Environmental Report, NESHAPs, and other site-wide environmental reports.
- Provides central locations and receptacles for collection and delivery of site mail.
- Maintains and inputs project activities into applicable environmental permits and licenses (e.g., KPDES, Clean Air Act, etc.).
- Administers the site program for site-wide permits, applications, reports, NEPA documents, and other site-wide environmental reports.



Remediation Contractor (Cont.)

Remediation Contractor GFSI (Cont.)

- Provides required environmental information to support regulatory compliance and is responsible for compliance in areas under its cognizance, including NEPA.

Deactivation Contractor Interface Requirement

- Supports activities required for environmental monitoring and reporting. Provide input to the Annual Site Environmental Report, NESHAPs, and other site-wide reports.
- Completes daily pick-up and drop-off of external mail at the mailroom
- Incorporate activities and provide assistance into applicable site environmental permits and reporting processes, including transfer of existing permits .
- Supports site Pollution Prevention/Waste Minimization Programs, including providing input into site programmatic environmental documents.



DUF₆ Contractor

DUF6 Contractor GFSI

- Manages the DOE UF₆ cylinder inventory, including cylinder inspections, maintenance of the existing UF₆ cylinder yards, and disposition of empty and heel cylinders .
- Takes receipt of newly generated DUF₆ cylinders.

Deactivation Contractor Interface Requirement

- Identifies cylinder yard storage needs or necessary transfer of cylinders.



Environmental Technical Services Contractor

Environmental Technical Services GFSI

- Maintain the site-wide, integrated life-cycle baseline.

Deactivation Contractor Interface Requirement

- Provides input to the site-wide, integrated life-cycle baseline.



Deactivation Contractor

Services Provided by the Deactivation Contractor

- Administer a single, integrated NMC&A Program for use by Paducah site contractors performing NMC&A activities. (Nuclear Material, Special Nuclear Material).
- After transition from USEC, physical security under this activity is for accountable quantities of nuclear materials, including performance testing, intrusion detection, entry/access control, explosive detection, locksmith services, and engineering and maintenance of the physical security and access control systems .



Deactivation Contractor (Cont.)

Services Provided by the Deactivation Contractor (Cont.)

- Develops, or assists in the development of facility asset protection requirements.
- Designs security system upgrades for its facilities with changing requirements .
- Provides locksmith support for installation, replacement, and maintenance of locks, keys, and access control systems for the protection of nuclear materials, including special nuclear materials.
- Provides information to the Infrastructure Contractor about security arrangements and/or changes prior to new or changing operations commencing or configurations that might alter the performance of existing security system.



Deactivation Contractor (Cont.)

Services Provided by the Deactivation Contractor Upon Transition from USEC

- Manages and hosts the Shared Site Process meetings.
- Manages and maintains the Master Lock & Tag Program. Manage and coordinate utility outages with other site contractors.
- Manages the Paducah Site Emergency Management Program including emergency response, communications and reporting .
- Provides response to fire, HAZMAT, rescue, medical, security emergencies in the form of incident commander, safety officer, operations officer, entry teams, decontamination, safety, and rehab.
- Operates the Emergency Operations Center (EOC), hazard surveys and hazard assessments, training of EOC staff, sitewide emergency exercises, and facility specific plans and procedures for emergency preparedness development, training, drills and assessments.



Deactivation Contractor (Cont.)

Services Provided by the Deactivation Contractor Upon Transition from USEC

- Operates and maintains the following site-wide water systems on site in accordance with all the applicable State and federal codes and regulations: fire protection water system, domestic water systems.
- Operates the wastewater systems on site in accordance with all the applicable State and federal codes and regulations.
- For the Electrical Transmission, Distribution, & Energy Management and Natural Gas - Coordinate with site tenants/contractors to obtain the following: Energy cost and consumption data for the Energy Management Annual Report and the quarterly energy cost and consumption data entry to EMS4 database. Protects the systems against disruption and damage during performance of work and supports utility operations, maintenance, and closure of a service where appropriate.



Deactivation Contractor (Cont.)

Services Provided by the Deactivation Contractor Upon Transition from USEC

- Optimizes and provides Protective Forces for facilities possessing critical Safeguards and Security interests (e.g., special nuclear material) - coverage is provided 24/7 via the Security Patrol.

