

EMS Status Report Update -- January 15, 2009

In response to July 15, 2008, letter from the Federal Environmental Executive

Update to the report submitted October 1, 2008

EMS name	Scope	Location	Status as of January 2009	Comments	DOE Program Office
Yucca Mountain Project (Deleted)	Being revised; see 'comments.'	Yucca Mountain Repository Site, Area 25 on the Nevada Test Site, Nye County, NV; YMP Office Facilities, Las Vegas, NV	N/A	Deleted as a previously identified 'appropriate facility,' due to transition of site operation from contractor to DOE staff. DOE is consulting with the Office of the Federal Environmental Executive about establishment of a schedule for the 'new' Federal EMS.	Office of Civilian Radioactive Waste Management
National Renewable Energy Laboratory (NREL)	NREL facilities occupy five separate locations in Jefferson County, Colorado. The South Table Mountain site and the Denver West Office Park are approximately 2 miles east of Golden, Colorado. The Joyce Street Facility is located approximately 5.5 miles to the north. The National Wind Technology Center is located between Boulder and Golden (adjacent to the DOE Rocky Flats Environmental Technology Site.) The Renewable Fuels and Lubricants Research Laboratory (ReFUEL) facility is located with the Regional Transportation District Shops and Operation Center in Denver. The STM and NWTC sites are the two main sites where research operations are conducted.	Golden, CO	On schedule to be fully implemented by 6/30/09		Office of Energy Efficiency and Renewable Energy
East Tennessee Technology Park	Bechtel Jacobs Company LLC's (BJC's) EMS includes all BJC personnel, facilities, activities, and subcontractors (totaling a staff of 2,200) working within the 37,750 acre Oak Ridge Reservation (ORR) at three Oak Ridge, Tennessee facilities (East Tennessee Technology Park (ETTP), Oak Ridge National Laboratory (ORNL), and the Y-12 National Security Complex) under DOE EM's Accelerated Cleanup Contract (ACP). The EMS implemented by BJC does not include reindustrialization tenants and the six privately-owned buildings at ETTP or other DOE prime contractor operations located at ETTP, Y-12, and ORNL.	State Highway 58 and Blair Road; (P.O. Box 4699) Oak Ridge, TN	On schedule to be fully implemented by 6/30/09		Office of Environmental Management
Hanford -- Central Plateau Project	The U.S. Department of Energy (DOE) announced on June 19, 2008 that CH2M Hill Plateau Remediation Company (PRC) was selected as the plateau remediation contractor. The contract was awarded. The contract is a cost-plus award-fee contract valued at approximately \$4.5 billion over ten years (a five-year base period with the option to extend it for another five years). The Hanford Plateau Remediation Contract (PRC) will advance the cleanup of the central portion of the Hanford Site, known as the 200 Area or the Central Plateau, which once housed five chemical separations buildings and other facilities that separated and recovered plutonium and other materials for use in nuclear weapons. The scope of the PRC contract includes completion of the Plutonium Finishing Plant project; characterization of facilities and waste sites; disposal activities related to non-tank farm waste; environmental surveillance and maintenance; groundwater monitoring and remediation; environmental remediation; and development of documents for regulatory and other decisions covering groundwater, soil, and facilities.	Hanford Site, Richland, WA	Not currently on schedule, due to contract transition.	For the current set of contracts, some of the site-wide activities of the previous contractor were included in a separate Mission Support Contract (MSC). There has been a protracted protest of the MSC, as a result, RL's EMS system implementation through MSC "portfolio management" strategy is not on schedule to "fully implement" by 6/30/09. In late September 2008, a bidder filed a protest of the MSC contract award. On 12/31/08, the Government Accountability Office dismissed the protest against the MSC contract award. However the dismissal didn't allow the new contractor to take over support services. The GAO said that the Energy Department must first address some concerns and make a new decision on the MSC contract. (In the interim, the services are still being provided by the outgoing contractor.) The best information available on when RL will have a compliant EMS is from a PRC letter to RL 25 November 08 in response to the DOE Order 450.1A Contract Requirements Document letter. In PRC's response they stated "An extension to at least December 31, 2009, is necessary for proper measured and effective implementation , and is requested."	Office of Environmental Management
Hanford -- River Corridor Project	With nearly 1,100 employees and subcontractors, the River Corridor Closure Project team is responsible for protecting the Columbia River by demolishing 486 buildings, cleaning up 370 waste sites and operating the Environmental Restoration Disposal Facility. The River Corridor Closure Project work scope includes safely demolishing hundreds of excess facilities, cleaning up waste sites and burial grounds, and placing deactivated plutonium production reactors in safe storage. In 2005, the US Department of Energy (DOE) launched the third generation of closure contracts, including the River Corridor Closure (RCC) Contract at Hanford. DOE awarded the Hanford River Corridor Closure Contract to Washington Closure Hanford (WCH).	Hanford Site, Richland, WA	To be determined	DOE has sent letters to the Central Plateau and River Corridor contractors to incorporate the EMS requirements ('contractor requirements document' of DOE Order 450.1A) into their contracts. They had until 12/12/08 to respond with change requests. The River Corridor contractor has not responded.	Office of Environmental Management
Hanford -- Office of River Protection	The Office of River Protection's EMS applies to all Tank Farm Contractor (TFC) employees and the employees of TFC sub-contractors performing work within the tank farms. The EMS encompasses approximately 1200 employees. The EMS does not currently include the Waste Treatment Plant (WTP) construction contractor, but will include the WTP operations contractor. The Tank Operations Contract--awarded in May 2008--includes base operations of the tanks, analytical laboratory support, single-shell tank retrieval and closure, Waste Treatment Plant support, and supplemental treatment.	Hanford Site, Richland, WA	To be determined; contractor transition	The new operating contract became effective 10/01/2008, so the tank farm contractor is new and is currently evaluating the implementing schedule for DOE Order 450.1A. DOE expects to hear soon from Washington River Protection Solutions, Inc. on whether the June 30, 2009 deadline is possible.	Office of Environmental Management
Idaho Advanced Mixed Waste Treatment Project	The Advanced Mixed Waste Treatment Facility is operated by Bechtel B&W Idaho, LLC under contract to the DOE Idaho Operations Office. The facility is located on the high elevation desert in eastern Idaho.	AMWTF at the Idaho National Laboratory Site, southwest area, Scoville, ID	On schedule to be fully implemented by 6/30/09		Office of Environmental Management

Idaho Cleanup Project	The Idaho Cleanup Project is an environmental management project of the Dept. of Energy Idaho Operations Office, operated by CH2M-WGI. Its EMS covers all cleanup activities at the INL, excluding the Advanced Mixed Waste Treatment Facility.	At the Idaho National Laboratory Site, Scoville, ID, 50 miles west of Idaho Falls, ID	On schedule to be fully implemented by 6/30/09	Contractor has declared 'fully implemented' (12/16/08); DOE is reviewing prior to DOE declaration.	Office of Environmental Management
Paducah Site	The Paducah Gaseous Diffusion Plant (GDP) is an active uranium enrichment facility with 3 primary, but separate, missions. 1) USEC has leased production facilities from DOE to operate the GDP and produce enriched uranium (DOE/ORO has oversight responsibilities for lease management) [outside the scope of the EMS]. 2) DOE's Portsmouth-Paducah Project Office is responsible for environmental restoration, waste management, environmental compliance. 3) DOE-PPPO has contracted with UDS to construct and operate a Depleted Uranium Hexafluoride (DUF6) Conversion Facility and manage the current inventory of DUF6 cylinders. DOE-PPPO's EMS program is being developed and implemented by three DOE contractors. Paducah Remediation Services is responsible for the Remediation scope of work, Swift and Staley Team is responsible for Infrastructure, and UDS is responsible for DUF6 conversion. Each of the three contractors is required to develop and implement their own EMS and integrate it into their ISMS program. The three EMS programs cover the PGDP reservation (~3700 acres) and all non-leased facilities.	West Paducah, KY	On schedule to be fully implemented by 6/30/09		Office of Environmental Management
Portsmouth Gaseous Diffusion Plant	Both the Infrastructure contractor and the Remediation contractor at Portsmouth have newly implemented EMS programs. Additionally, the Depleted Uranium Hexafluoride conversion contractor, responsible for both construction activities associated with the DUF6 conversion and cylinder yard operations, has implemented an EMS program.	Piketon, OH	On schedule to be fully implemented by 6/30/09		Office of Environmental Management
Savannah River Site	Included within the scope of the Savannah River Site EMS are approximately 310 square miles or 198,344 acres in Aiken, Allendale, and Barnwell counties in South Carolina, with approximately 11,000 employees. The site-wide EMS covers the facilities and activities of National Nuclear Security Administration, the Office of Environmental Management, the site operating contractor, USDA Forest Service, GSA, and Savannah River Ecology Laboratory (a University of Georgia	Savannah River Site, near Aiken SC	On schedule to be fully implemented by 6/30/09		Office of Environmental Management
Waste Isolation Pilot Plant (WIPP)	The WIPP EMS applies to environmental aspects of WIPP operations and activities, including energy and transportation functions, conducted by the Carlsbad Field Office and by Washington TRU Solutions, their contractors and subcontractors, except for Sandia National Laboratories (SNL) and Los Alamos National Laboratories (LANL). These labs are required by DOE Order to have their own EMS. When performing work for WIPP, SNL and LANL conduct their activities in accordance with their EMS and consistent with the principles established by the DOE.	16 square miles of land located 26 miles east of Carlsbad in Eddy County, NM and the supporting administrative offices located in Carlsbad, NM	On schedule to be fully implemented by 6/30/09		Office of Environmental Management
West Valley Demonstration Project	The EMS applies site-wide to work performed or subcontracted by the prime contractor. The WVDP consists of approximately 200 acres with approximately 45 buildings and 300 personnel including DOE representatives, the prime contractor, and subcontractors.	West Valley Demonstration Project, West Valley, NY	On schedule to be fully implemented by 6/30/09		Office of Environmental Management
National Energy Technology Laboratory -- Pittsburgh & Morgantown	The scope of the EMS comprises on-site operations involving NETL employees at the Morgantown and Pittsburgh campuses of the National Energy Technology Laboratory. This includes on-site R&D activities, site operations, and the supporting administrative functions related to these activities and operations. Excluded from the scope of the EMS are those operations not owned or controlled by NETL, such as the Credit Unions, Daycare Facilities, and Navy Tower Operations.	Pittsburgh, PA Morgantown, WV	On schedule to be fully implemented by 6/30/09		Office of Fossil Energy
National Energy Technology Laboratory -- Albany Research Center	The scope is all work performed at the NETL-Albany site. This includes all public, proprietary and pioneering research work, and all functions which support that work (e.g. administrative, facilities).	Albany, OR	Currently fully implemented (December 2008)		Office of Fossil Energy
Rocky Mountain Oilfield Testing Center (RMOTC)	The DOE management and staff and the Support Services Contractor management and staff are headquartered in Casper, Wyoming. The RMOTC project site (NPR-3) is located in Natrona County, in a 9,481-acre area, known as the Naval Petroleum Reserve Number 3 (NPR-3), approximately 32 miles north of Casper, and approximately six miles south of Midwest, Wyoming. The EMS encompasses the headquartered office building and the project site facilities. The EMS includes all onsite contractors and/or concessioners.	Casper, WY	To be determined	The site has no funding available for an independent EMS audit. In order to meet the June 2009 deadline, DOE is exploring two avenues. (1) The Office of Fossil Energy conducted an Integrated Safety Management System audit at the site in September 2008, which also addressed EMS; we will review this against the expectations of the OFEE 'clarification' in January 2008 to determine whether it meets those expectations. (2) We are exploring possibilities to enable qualified parties from other DOE sites to conduct an EMS audit at RMOTC.	Office of Fossil Energy
Strategic Petroleum Reserve (SPR)	The physical scope of the SPR EMS in FY 2008 is limited to DOE's prime M&O contractor, DynMcDermott Petroleum Services, Inc.'s (DM) and DM's subcontractors. In FY 2009 the EMS will expand to include DOE's prime construction and administrative support contractors. Currently the EMS includes the operation and maintenance of four crude oil reserve storage facilities, related DOE-owned offsite pipelines and a pipeline custody transfer station, two leased warehouses for office materials and heavy equipment, and a headquarters complex. These facilities are located along the Gulf Coast. The EMS will expand to include construction activities in FY 2009. The EMS will not include activities conducted by DOE since DOE works under an ISMS.	Two of the four crude oil reserve sites are located in LA - near Baton Rouge and Lake Charles - and the other two are located in TX - near Beaumont and Freeport. The headquarters office complex and one warehouse are located in New Orleans, and the other warehouse resides at the Stennis Space Center, MS.	On schedule to be fully implemented by 6/30/09		Office of Fossil Energy
Office of Legacy Management (LM)	The LM EMS encompasses all LM sites under cleanup custody, and Federal and Contractor facilities where work is managed, throughout the U.S. The EMS flows down through all contracts and subcontracts to cover all work LM does.	The LM EMS scope includes over 80 sites in 28 states, as well as working facilities at Mound and Fernald, OH, Rocky Flats and Grand Junction, CO, Las Vegas, NV, Morgantown, WV, Weldon Spring, MO, and Pinellas, FL.	On schedule to be fully implemented by 6/30/09		Office of Legacy Management

Idaho National Laboratory (INL)	The INL Site includes 890 square miles in the high mountain desert in eastern Idaho. In addition there are a number of laboratory facilities in Idaho Falls, Idaho. The EMS scope is work conducted under the DOE Idaho Operations Office contract with Battelle Energy Alliance for the INL.	The INL Site is about 50 miles west of Idaho Falls, ID, at Scoville, ID.	On schedule to be fully implemented by 6/30/09		Office of Nuclear Energy
DOE Headquarters Facility	The scope of this EMS includes the 2 main DOE Headquarters administrative buildings, the Forrestal Building in Washington, DC and the Germantown Building in Germantown Maryland. The Government Services Administration owns both facilities but the DOE has Delegated Authority to maintain and operate these buildings. This EMS covers Buildings Operations and Maintenance, Energy Management, Fleet Transportation, Electronic Stewardship, and Green Procurement.	Forrestal Building: Washington DC Germantown Building: Germantown, MD	On schedule to be fully implemented by 6/30/09		Office of Management and Administration
Kansas City Plant	The DOE/NNSA Kansas City Plant is operated by Honeywell Federal Manufacturing and Technologies, LLC, and includes operations in Kansas City, MO, and Albuquerque, NM. The KC operations are conducted at one facility covering approximately 130 acres of a 300 acre Federal reservation with one main building with multiple, smaller outbuildings. The NM operations are conducted at several small locations within Albuquerque; at Fort Chaffee, AR; and at LANL.	Kansas City, MO Albuquerque, NM	On schedule to be fully implemented by 6/30/09		National Nuclear Security Administration
Lawrence Livermore National Laboratory (LLNL)	The LLNL EMS encompasses the entire facility specifically, the Director's Office and five Principal Directorates at LLNL. The EMS does include onsite contractors.	LLNL Site 200 and 300, Livermore, CA	On schedule to be fully implemented by 6/30/09		National Nuclear Security Administration
Los Alamos National Laboratory (LANL)	The scope of LANL's EMS encompasses all operating divisions and activities of major subcontractors (with appropriate flow-down to subcontractors) operating on site. During the initial implementation of the EMS, smaller Laboratory units such as the Office of Legal Counsel, the Ombuds Office, and the Prime Contract Office were not included. The EMS applies to all Laboratory "on-site" operations and activities undertaken by Laboratory workers on leased sites, with the exception of: 1) Non-Laboratory operations managed by DOE contracts operated on the Laboratory site & Commercial operations such as the SPECTRA ICON (Isotopes of Carbon, Oxygen and Nitrogen) Facility at Technical Area 46 (TA 46) 2) Environmental issues at off-site operations such as work at the Nevada Test Site, Yucca Mountain Project, and experiments conducted at other facilities are addressed by the facility charged with executing the work.	Los Alamos, NM	On schedule to be fully implemented by 6/30/09		National Nuclear Security Administration
Nevada Test Site	The EMS covers contractor facilities, employees (including subcontractors) conducting work, and activities at the NTS and its supporting facilities.	Numerous offices, laboratories, and support buildings are spread across the NTS. In addition to the NTS, off-site facilities include the North Las Vegas Facility in North Las Vegas, NV, the Remote Sensing Laboratory at Nellis Air Force Base, the Remote Sensing Laboratory at Andrews Air Force Base, the Special Technologies Laboratory in Santa Barbara, CA, and small offices within the Los Alamos and Lawrence Livermore National Laboratories.	On schedule to be fully implemented by 6/30/09		National Nuclear Security Administration
Pantex Plant	The USDOE/NNSA Pantex Plant is located in Carson County, Texas about 17 miles northeast of Amarillo, Texas. The EMS covers all personnel working on site including subcontractors, NNSA, Sandia, regulators or anyone else doing work within the Pantex boundaries.	Amarillo, TX	Currently fully implemented (7/24/08)		National Nuclear Security Administration
Sandia National Laboratories	EMS covers Sandia facilities in NM and CA	Albuquerque, NM; Livermore, CA	On schedule to be fully implemented by 6/30/09		National Nuclear Security Administration
Y-12 National Security Complex	The EMS covers work performed by B&W Y-12 at the Y-12 National Security Complex. The EMS does not cover other DOE prime contractors that conduct work on the Y-12 Complex (e.g., Wachenhut Services for security, Betchel Jacobs LLC for DOE-EM managed work). The Y-12 Complex covers more than 800 acres.	Oak Ridge, TN	On schedule to be fully implemented by 6/30/09		National Nuclear Security Administration
Bettis Atomic Power Laboratory	The Bettis Atomic Power Laboratory is a nuclear research and development facility solely dedicated to the Naval Nuclear Propulsion Program. The EMS covers the entire facility.	West Mifflin, PA	On schedule to be fully implemented by 6/30/09		National Nuclear Security Administration -- Naval Reactors
Knolls Atomic Power Laboratory (KAPL)	KAPL is a nuclear research facility solely dedicated to the Naval Nuclear Propulsion Program. The EMS covers the operation of the entire facility.	Niskayuna, NY	On schedule to be fully implemented by 6/30/09		National Nuclear Security Administration -- Naval Reactors
Bonneville Power Administration (BPA)	BPA-wide EMS covers activities of BPA throughout its service area (Washington, Oregon, Idaho, and parts of Montana, Wyoming, Utah, Nevada, and California)	HQ: Portland, OR Regional Offices in WA, OR, ID	On schedule to be fully implemented by 6/30/09		Power Administrations

Southwestern Power Administration (SWPA)	Southwestern operates and maintains 1,380 miles of high-voltage transmission lines, substations, and a communications system that includes microwave, VHF radio, and state-of-the-art fiber optics. Staff members work from offices located in Gore, Oklahoma; Jonesboro, Arkansas; Springfield, Missouri; and Tulsa, Oklahoma. Southwestern's EMS is applicable to all agency functions.	1.) SWPA Headquarters-Tulsa, OK 2.) Gore Maintenance Unit- Gore, OK 3.) Jonesboro Maintenance Unit- Jonesboro, AR, and 4.) Springfield Maintenance Unit- Springfield, MO	On schedule to be fully implemented by 6/30/09		Power Administrations
Western Area Power Administration	Western's service area covers 1.3 million square miles in 15 states. Western operates and maintains 17,474 miles of transmission lines and rights-of-way, 272 substations, and various other facilities (offices, maintenance service centers, warehouses, communication facilities, and metering sites) in its service area. Western's EMS is applicable to all functions within Western.	Lakewood, CO Salt Lake City, UT Phoenix, AZ Loveland, CO Casper, WY Montrose, CO Folsom, CA Elverta, CA Redding, CA Byron, CA Billings, MT Huron, SD Bismarck, ND Fort Peck, MT Watertown, SD	On schedule to be fully implemented by 6/30/09		Power Administrations
Ames Laboratory	Ames Laboratory is located on the campus of Iowa State University (ISU) and occupies 11 buildings owned by the Department of Energy (DOE). The Laboratory's EMS covers the 11 buildings owned by the DOE and activities conducted within these buildings.	Iowa State University, Ames, IA	On schedule to be fully implemented by 6/30/09		Office of Science
Argonne National Laboratory	The EMS covers the work activities performed by all the research program divisions at ANL as well as site operations activities such as site maintenance, utilities operations, construction projects and waste management.	ANL is located at Argonne, IL	On schedule to be fully implemented by 6/30/09		Office of Science
Brookhaven National Laboratory	The scope of the BNL Environmental Management System registration includes all facilities, experiments, and operations managed by Brookhaven Science Associates at Brookhaven National Laboratory in accordance with the Environmental Management System.	Upton, NY	On schedule to be fully implemented by 6/30/09		Office of Science
Fermi National Accelerator Laboratory	The scope of this facility's EMS includes research and development, manufacturing, waste management, and site infrastructure management at all facilities on the Fermi National Accelerator Laboratory (FNAL) property. The EMS includes the operating contractor, Fermi Research Alliance, LLC, the entire facility of about 6800 acres, approximately 300 buildings, and over 2000 onsite personnel.	Batavia, IL	On schedule to be fully implemented by 6/30/09		Office of Science
Lawrence Berkeley National Laboratory	Berkeley Lab's EMS encompasses the entire facility and includes all activities performed by Laboratory staff.	Berkeley, CA	On schedule to be fully implemented by 6/30/09		Office of Science
Oak Ridge Institute for Science and Education	The ORISE EMS covers all ORISE activities, and covers all ORISE staff and subcontractors.	Oak Ridge, TN	On schedule to be fully implemented by 6/30/09		Office of Science
Oak Ridge National Laboratory (ORNL)	The UT-Battelle EMS covers all UT-Battelle activities at ORNL, ORNL at Y-12 and the National Transportation Research Center. The UT-Battelle EMS does not cover BJC or other DOE prime contractors that conduct work at ORNL. The EMS covers 1200 acres on the main ORNL site and research activities on approximately 20,000 acres of the Oak Ridge National Environmental Research Park and 300 buildings.	Oak Ridge, TN (ORNL and ORNL at Y-12) and Knoxville, TN (NTRC)	On schedule to be fully implemented by 6/30/09		Office of Science
Pacific Northwest National Laboratory (PNNL)	The scope of the ISO 14001 EMS is all work conducted under the PNNL operating contract. In general, this is work conducted at the Richland campus, Sequim Marine Research Operations, and remote offices that conduct mostly "paper studies," such as the Seattle and Portland offices. Work conducted in PNNL-leased facilities by PNNL staff is also included in the scope. It does not include Battelle Science & Technology International (BSTI) activities conducted at the Richland campus (e.g., BSTI toxicology work conducted in the LSL II building).	See Scope for details. Primary operations in Richland, WA which include DOE-owned buildings, Battelle-owned buildings, and tenants in leased buildings. Also includes research operations in Sequim, WA.	On schedule to be fully implemented by 6/30/09		Office of Science
Princeton Plasma Physics Laboratory (PPPL)	PPPL's EMS covers the entire 88.5 acre facility and all activities at the Laboratory.	Plainsboro Twp., Middlesex County, NJ	On schedule to be fully implemented by 6/30/09		Office of Science
SLAC National Accelerator Laboratory	The EMS encompasses facilities located on 426-acre DOE leasehold on land owned by Stanford University and approximately 1300 employees and hundreds of users, students, and other visiting researchers every year as well as onsite contractors and subcontractors.	Menlo Park, CA	On schedule to be fully implemented by 6/30/09		Office of Science
Thomas Jefferson National Accelerator Facility	This EMS Plan applies to all operations that occur on Jefferson Lab-owned property at its Newport News, Virginia facility, including those operations performed by subcontractors, suppliers, and visiting research staff (referred to as users). Leased property, including the Jefferson Lab portions of the ARC Building and the offsite Blue Crab Road and Huntington storage facilities, is also included in the scope of Jefferson Lab's EMS.	Newport News, VA	On schedule to be fully implemented by 6/30/09		Office of Science

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