

Department of Energy Reporting Spreadsheet

EMS Status Report Update – July 15, 2009

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

Update to the report submitted January 15, 2009

EMS name	Scope	Location	Status as of July 2009	Comments	DOE Program Office
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	Fully Implemented (April 1, 2009)		Office of Fossil Energy
National Energy Technology Laboratory -- Albany Research Center (NETL-Albany)	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	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	Fully Implemented (June 30, 2009)		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 offshore 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.	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.	Fully Implemented (May 27, 2009)		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.	Fully Implemented (June 23, 2009)		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.	Fully Implemented (June 2, 2009)		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 MD. 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	Fully Implemented (June 24, 2009)		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	Fully Implemented (June 30, 2009)		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 includes onsite contractors.	LLNL Site 200 and 300, Livermore, CA	Fully Implemented (June 30, 2009)		National Nuclear Security Administration

Los Alamos National Laboratory (LANL)	The scope of LANL's EMS encompasses all operating divisions and activities of major contractors (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	Fully Implemented (May 9, 2009)		National Nuclear Security Administration
Nevada Test Site (NTS)	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.	Fully Implemented (June 9, 2009)		National Nuclear Security Administration
Pantex Plant	The USDOE/NNSA Pantex Plant is located in Carson County, TX about 17 miles northeast of Amarillo, Texas. The EMS covers all personnel working on site including subcontractors, NNSA, Sandia, regulators and others doing work within the Pantex boundaries.	Amarillo, TX	Fully Implemented (June 24, 2008)		National Nuclear Security Administration
Sandia National Laboratories	EMS covers Sandia facilities in NM and CA	Albuquerque, NM; Livermore, CA	Fully Implemented (June 30, 2009)		National Nuclear Security Administration
Y-12 National Security Complex	The EMS covers work performed by B&W Y-12 at the 800-plus acre Y-12 National Security Complex.	Oak Ridge, TN	Fully Implemented (June 29, 2009)		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	Fully Implemented (June 30, 2009)		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	Fully Implemented (June 30, 2009)		National Nuclear Security Administration -- Naval Reactors
Idaho Naval Reactors Facility	Idaho Naval Reactors Facility is a nuclear research facility solely dedicated to the Naval Nuclear Propulsion Program. The EMS covers the operation of the entire facility.	At the Idaho National Laboratory Site, west of Idaho Falls, ID	Fully Implemented (June 30, 2009)	Newly listed EMS; formerly part of Bettis Atomic Power Laboratory	
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	Not Fully Implemented	Full Implementation expected by fall 2009	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	Fully Implemented (June 18, 2009)		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	Fully Implemented (June 17, 2009)		Power Administrations
Yucca Mountain -- DOE Operations	DOE activities at the Yucca Mountain Office in Las Vegas; custodial activities at the Yucca Mountain Site. [Currently under review -- see comments.]	Yucca Mountain Repository Site, Area 25 on the Nevada Test Site, Nye County, NV; YMP Office Facilities, Las Vegas, NV	Not Fully Implemented (deadline December 31, 2009)	This was identified as a "new" EMS, replacing the previous "Yucca Mountain Project" contractor EMS. Following consultation with the OFEE, a deadline of December 31, 2009 was established. The need and scope for this EMS are being reviewed, in light of the recent changes in funding and priority for the Yucca Mountain Repository project.	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 (see Scope column for additional locations)	Fully Implemented (June 30, 2009)		Office of Energy Efficiency and Renewable Energy
Hanford -- Richland Central Plateau Project	The scope of the EMS includes the facilities and activities of DOE's contractor CH2M Hill Plateau Remediation Company (PRC) which is responsible for 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 Fully Implemented	Contract was effective October 1, 2008. DOE/Richland expects to complete EMS declaration by December 31, 2009.	Office of Environmental Management
Hanford -- Richland River Corridor Project	With nearly 1,100 employees and subcontractors, Washington Closure Hanford (WHC) 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.	Hanford Site, Richland, WA	Not Fully Implemented	DOE/Richland expects to complete EMS declaration by December 31, 2009.	Office of Environmental Management
Hanford -- Office of River Protection (ORP) Tank Farms	ORP'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 Tank Operations Contract 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	Not Fully Implemented	The new operating contract became effective 10/01/2008. Based on an internal audit in May 2009, TFC determined that it was not ready for an independent external audit. DOE/ORP expects to complete the EMS declaration by fall 2009.	Office of Environmental Management
Idaho Advanced Mixed Waste Treatment Facility (AMWTF)	The AMWTF is operated by Bechtel B&W Idaho, LLC under contract to the DOE Idaho Operations Office.	AMWTF at the Idaho National Laboratory Site, southwest area, Scoville, ID	Fully Implemented (June 15, 2009)		Office of Environmental Management
Idaho Cleanup Project	The Idaho Cleanup Project is an environmental management project of the DOE Idaho Operations Office, operated by CH2M-WGI. Its EMS covers all cleanup activities at the INL, excluding the Advanced Mixed Waste Treatment Facility (see entry above).	At the Idaho National Laboratory Site, Scoville, ID, 50 miles west of Idaho Falls, ID	Fully Implemented (May 11, 2009)		Office of Environmental Management
Oak Ridge -- 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).	State Highway 58 and Blair Road; (P.O. Box 4699) Oak Ridge, TN	Fully Implemented (June 29, 2009)		Office of Environmental Management

Oak Ridge -- Radiochemical Development Facility (Bldg 3019)	The EMS covers Building 3019 and the activities of DOE's contractor Isotek Systems LLC. The Radiochemical Development Facility (Building 3019) is located near the center of the ORNL campus on the Oak Ridge Reservation.	Oak Ridge, TN	Fully Implemented (June 29, 2009)	New EMS; deadline of June 30, 2009, established following consultation with the FEE.	
Oak Ridge -- TRU Waste Processing Center	The EMS covers the TRU Waste Processing Center facilities and the activities of DOE's contractor EnergX TN LLC.	Lenoir City, TN	Fully Implemented (June 29, 2009)	New EMS; deadline of June 30, 2009, established following consultation with the FEE.	
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 (PPPO) 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.	Paducah, KY	Fully Implemented (June 26, 2009)		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.	Portsmouth, OH	Fully Implemented (June 26, 2009)		Office of Environmental Management
Savannah River Site -- M&O Contractor	The Savannah River Site EMS encompasses approximately 310 square miles in Aiken, Allendale, and Barnwell counties in South Carolina. This EMS covers the activities of Savannah River Nuclear Solutions, which is DOE's Management and Operations contractor, and Washington Savannah.	Savannah River Site, near Aiken SC	Fully Implemented (June 23, 2009)	Newly listed EMS; formerly part of Savannah River Site EMS	Office of Environmental Management
Savannah River Site -- Security Contractor	The Savannah River Site EMS encompasses approximately 310 square miles in Aiken, Allendale, and Barnwell counties in South Carolina. This EMS covers the activities of Wachenhut Services, Inc, which is DOE's security contractor for the site.	Savannah River Site, near Aiken SC	Fully Implemented (June 23, 2009)	Newly listed EMS; formerly part of Savannah River Site EMS	
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 have their own separate EMSs which are included in this Status Report. 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	Fully Implemented (June 30, 2009)		Office of Environmental Management
West Valley Demonstration Project (WVDP)	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	Fully Implemented (June 19, 2009)		Office of Environmental Management
Ames Laboratory	Ames Laboratory is located on the campus of Iowa State University (ISU) and occupies 11 buildings owned by DOE. The Laboratory's EMS covers the 11 buildings owned by the DOE and activities conducted within these buildings.	Iowa State University, Ames, IA	Fully Implemented (June 29, 2009)		Office of Science
Argonne National Laboratory (ANL)	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.	Argonne, IL	Fully Implemented (June 19, 2009)		Office of Science
Brookhaven National Laboratory (BNL)	The scope of the BNL EMS 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	Fully Implemented (May 27, 2009)		Office of Science
Fermi National Accelerator Laboratory (FNAL)	The scope of this EMS includes research and development, manufacturing, waste management, and site infrastructure management at all facilities on 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	Fully Implemented (June 16, 2009)		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	Fully Implemented (June 10, 2009)		Office of Science
New Brunswick Laboratory (NBL)	The NBL EMS includes facilities and activities at and within the control of the Laboratory (some utilities and infrastructure are provided by Argonne National Lab).	Argonne, IL	Fully Implemented (June 26, 2009)	Newly Listed EMS; formerly part of Argonne EMS	
Oak Ridge Institute for Science and Education	The ORISE EMS covers all ORISE activities, and covers all ORISE staff and subcontractors.	Oak Ridge, TN	Fully Implemented (June 5, 2009)		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)	Fully Implemented (June 3, 2009)		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).	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. See Scope for additional information.	Fully Implemented (June 8, 2009)		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	Fully Implemented (June 19, 2009)		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	Fully Implemented (June 1, 2009)		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	Fully Implemented (June 11, 2009)		Office of Science

15-Jul-09