



PROGRAM UPDATE

Office of Legacy Management United States Department of Energy October - December 2004

Welcome to the October – December 2004 issue of the U.S. Department of Energy (DOE) Office of Legacy Management (LM) Program Update. This publication is designed to provide a status of activities from various offices within LM.

In this issue of the Program Update, we are highlighting a Memorandum of Understanding (MOU) between DOE and the General Services Administration (GSA) and an operations grant awarded to the Savannah River Regional Diversification Initiative (SRRDI), the local community reuse organization (CRO) that surrounds the Savannah River Site. SRRDI is a nonprofit organization run by a 22-person Board of Directors appointed by local governments, chambers of commerce, and members of the South Carolina and Georgia Congressional Delegations.

STAKEHOLDER RELATIONS

In accordance with the Ronald Reagan National Defense Authorization Act of 2005, LM is required to establish three Local Stakeholder Organizations (LSO) at the Office of Environmental Management's (EM) closure sites. The LSOs will be established at Fernald, Ohio, Mound, Ohio and Rocky Flats, Colorado. The Act requires LM to establish LSOs 6 months prior to site closure. LM has begun developing a path forward to solicit stakeholder input from each of these sites.

PROPERTY MANAGEMENT AND COMMUNITY ASSISTANCE

DOE-GSA Real Property Support MOU

In October 2004, DOE and GSA signed a MOU that permitted federal partnering in an effort to successfully meet the federal government's goal of



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effective and efficient real property management and reuse. GSA will assist DOE, specifically LM, with real property disposal and provide its expertise during the disposal process. GSA is working with DOE during the planning process for the reuse of DOE's Wayne, New Jersey site.

Savannah River Regional Diversification Initiative Grant

On November 14, 2004, DOE awarded a \$250,000 operations grant to SRRDI for administrative expenses and 3 projects. The first project, Asset Transition Plan, will help inform businesses and the community of the availability of used equipment and metal buildings that can be used for economic and community development. The second project, Life Sciences Marketing Plan, will be used to establish the Augusta, Georgia region as a premier location for the life science industry to include biotech, a biomedical device and medical software. The third project, Southern Carolina Alliance Marketing Plan, will target specific individual industries to come to the region. DOE and SRRDI have created or retained more than 6,400 jobs in the region.

POLICY AND SITE TRANSITION

Fernald Closure Project

The Fernald Closure Project (FCP) is expected to transition to LM in Fiscal Year (FY) 2007. For the past year, the LM transition team has been coordinating transition activities with both the Ohio Field Office and Fluor Fernald, the site contractor. Much has been accomplished, and many issues have been resolved through these coordinated activities. When transitioned, the Fernald site is expected to consist of more than 900 acres of wildlife area (including ponds, wetlands, prairie and forest). The site will have an 80-acre fenced disposal cell, monitoring and extraction wells, a groundwater treatment plant, and several buildings necessary for continued aquifer restoration activities. Preliminary discussions regarding a community education facility on the site are being conducted and plans are being made to establish a LSO.

LM is also actively coordinating activities required for the transfer of computer data files and has been instrumental in the progress toward the transfer of hard copy records. Environmental and administrative activities that must be continued after site closure are being studied, documented, and planned. LM is participating in ongoing site activities, such as quarterly inspections of the on-site disposal cell and is working closely with the Fernald Citizens Advisory Board and other stakeholders during transition. The completion of the Natural Resources Restoration Plan and the



disposition of contaminated material contained in the silos are two critical issues requiring resolution. The Natural Resources Damage suit is being negotiated and a settlement is considered imminent. Since the silos' material currently has no acceptable disposition path, Fernald's closure date could potentially be extended.

Mound Site

LM is scheduled to accept programmatic responsibility for the Mound site on October 1, 2006. The CH2M Hill Mound, Inc. will relocate from the Miamisburg Closure Project (MCP) when physical completion is reached. MCP's scheduled completion is September 30, 2005. To retain institutional knowledge and ensure smooth transition, LM is aggressively working with EM to identify early transfer of selected functions. Some of the identified functions include: Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Administrative Record, and the Mound Environmental Safety and Health (MESH) application. All early transfers will be funded by EM until the programmatic transfer to LM is completed (i.e., October 1, 2006).

In October 2004, the Mound Integrated Project Team (MIPT) submitted the draft Site Transition Plan (STP) to LM and EM managers for review. The STP describes LM and EM's joint expectations for the set of transition activities, the site conditions at the time of transfer as well as incorporates transition milestones and activities in the CH2M Hill Mound, Inc. closure contract. A revised STP will be submitted to EM and LM by February 28, 2005, for approval.

Oakland Sites

The Laboratory for Energy Related Health Research (LEHR) site, established as a DOE research laboratory in 1958 under a land lease agreement with the University of California (UC)-Davis, is located about 1.5 miles south of the UC-Davis campus. EM cleanup activities consist of removing and disposing all DOE waste and equipment, verifying that storage areas and buildings are clean and ownership is transferred to UC-Davis, finalizing the Record of Decision for DOE areas, turning over the long-term surveillance and maintenance activities to LM and completion of Business Closure activities (e.g. project records disposition). EM is on schedule to complete cleanup activities by the end of FY 2005 at which time the LEHR site responsibilities will be transferred to LM. The FY 2006 transfer of functional responsibilities for LEHR was approved by the DOE Chief Financial Officer. The LEHR Site Transition Plan is in the final stages of development.

The programmatic responsibility for the Geothermal Test Facility, the General Atomics site, and the Missouri University Research Reactor site was transferred to LM on October 1, 2004. The records for each site were sent to LM's Legacy Archives and Information Management Program for management and proper disposition.



Nevada Off-sites Transition

LM has been working with EM, the NNSA, and the Nevada Site Office to develop a Site Transition Plan to transfer the management of the 8 Nevada off-sites and Project Chariot records to LM. These sites have no continuing mission and are planned for transfer in October 2006. The sites include: Amchitka Island in Alaska, Shoal and Central Nevada Test Area in Nevada, Project Rulison and Rio Blanco in Colorado, Gasbuggy and Gnome Coach in New Mexico, and the Salmon site in Mississippi. The Project Chariot site has been cleaned to unrestricted conditions, and the records and communication responsibilities are scheduled for transfer to LM in March 2005. It is anticipated that surface closure of all the sites will be completed by EM before transfer and that LM will complete closure actions for the subsurface (test cavity) initiated by EM.

Rocky Flats

A transition Summit ("One to Go" Summit) was held on October 20 and 21, 2004. This summit included face-to-face meetings with members (LM, EM, DOE's Rocky Flats Project Office (RFPO), Kaiser Hill (KH) and Stoller) from the 6 functional transition teams to work through specific transition issues and prepare for presentations to LM and EM managers. On the second day, executives from LM and EM were briefed on the status of the transition effort and the specific assistance required from DOE Headquarters.

Preparations for the transition and migration of copies of information and data for information technology (IT) applications are continuing. A determination has been made regarding the specific environmental electronic applications that will be accepted for LTS&M. Migration of copies of some designated applications or the data is in progress. LM's Office of Business and Resource Management recently completed the initial proof of concept for the Soil and Water Database which shows that the transition strategy works. Also, LM has determined the specific environmental monitoring and maintenance related equipment that will be required to support the post-closure mission.

Until the physical completion of the site in December 2006, RFPO, LM, KH, and the U.S. Fish and Wildlife Service (FWS) will be co-located in Mountain View office building. After physical completion each organization must reevaluate its requirements and make space arrangements. Existing contracts and/or agreements for off-site fire protection, medical response, and hazardous material services will not be transferred to LM. Also, since Emergency Response Mutual Aid Agreements can not be transferred to LM, other arrangements will be required.

Formerly Utilized Sites Remedial Action Program (FUSRAP)

The FUSRAP sites are in varying stages of completion. Prior to the transfer of FUSRAP



sites from DOE to the US Army Corps of Engineers (USACE) in October 1997, DOE had completed 25 of the identified 46 sites. Since that time, USACE has successfully remediated and transferred 2 of the remaining 21 sites to DOE. Since USACE is close to completely remediating 1 additional site (Wayne, New Jersey), transition is anticipated in 2006. However, based on recommendations from DOE with concurrence from USACE, 2 new sites have been added to FUSRAP and 2 other sites are currently under consideration by USACE for addition to the program.

LM's Office of Property Management and Community Assistance (LM-30) is currently reviewing the possible reuse options for those FUSRAP sites that are managed by the Department. The 2 FUSRAP sites that are furthest along in this process are the New Brunswick and Wayne, New Jersey sites.

STRATEGIC MATERIALS

Decontamination of Heavy Water

As part of the congressionally approved Pilot Project Program undertaken by LM's Office of Strategic Materials, the Savannah River Office (SRO) has awarded a contract to Westinghouse Savannah River to initiate a study on a sample of contaminated heavy water to determine the feasibility of removing tritium. The study was performed at the National Sources and Services, Inc. (NSSI), in Houston, Texas and was very successful. Additional quantities of contaminated heavy water are being shipped to NSSI to remove the tritium from heavy water. SRO will make clean heavy water available for sale on the open market. Since the proceeds from the sale are covered under the Pilot Project Program, managed by the Office of Strategic Materials, a portion of the sales will be utilized for decontamination and decommissioning of heavy water containment facilities at SRO and the remaining proceeds will be forwarded to the U.S. Treasury Department.

Market Impact Committee

The Office of Strategic Materials represented the Department at the fall meeting of the Market Impact Committee (MIC) on December 20, 2004. MIC is co-chaired by the Departments of Commerce and State to advise the Administrator of the Defense National Stockpile Center (Stockpile) on the domestic and international economic impacts associated with the disposition of strategic materials. The Defense Department submits to Congress its proposed plans for final approval. Congress approves not only the amount of strategic materials that can be sold by the Stockpile but also limits the dollar amount of the proceeds that fund off-budget programs as directed by Congress.



From the Department's perspective, on behalf of the NNSA, the Office of Strategic Materials confirmed that 167 short tons of beryllium metal held in reserve for NNSA remain as a goal material for the Stockpile and not be available for sale to the open market.

Thorium Nitrate Consolidation

The Office of Strategic Materials continues to work with the Administrator of the Stockpile and the Nevada Site Office regarding the transfer of thorium nitrate from Curtis Bay, Maryland under the aegis of the Oak Ridge National Laboratory. As of December 2004, 50 percent of the thorium nitrate has been removed, and the completion of the thorium nitrate transfer will occur in the first quarter of 2005.



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