




Department of Energy
Washington, DC 20585

September 17, 2009

MEMORANDUM FOR DAVID W. GEISER
ACTING DIRECTOR
OFFICE OF LEGACY MANAGEMENT

FROM: TRACY RIBEIRO 
ENVIRONMENTAL MANAGEMENT SYSTEM
(EMS) COORDINATOR

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Ribeiro

SUBJECT: APPROVAL OF FY 2010 EMS GOALS AND INITIATIVES

In accordance with the requirements of the DOE-LM *Environmental Management System Description*, the EMS goals and initiatives for FY 2010 are enclosed for your formal approval. The EMS Core Team developed these goals after reviewing the project environmental aspects. The FY 2010 goals were presented to S.M. Stoller and DOE-LM management during the annual EMS Management Review on July 23, 2009 and finalized on August 26, 2009.

The EMS goals and initiatives align with DOE Order 450.1A, *Environmental Protection Program*; DOE Order 430.2B, *Departmental Energy, Renewable Energy and Transportation Management*; the Transformational Energy Action Management (TEAM) Initiative, and Executive Order 13423, *Strengthening Federal Environmental, Energy, and Transportation Management*.

Attachment

cc w/attachment:
Rich Bush, DOE
RC-Grand Junction



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FY10 Goals	EMS Program Team	Requirement
Double the renewable electricity generation when compared with FY 2009 generation.	Renewable Energy	EO 134232(b) ensure that <ul style="list-style-type: none"> (i) at least half of the statutorily required renewable energy consumed by the agency in a fiscal year comes from new renewable sources, and (ii) to the extent feasible, the agency implements renewable energy generation projects on agency property for agency use.
95% of all LM and LMS purchases (requisitions and credit cards) issued in FY 2010 will be given green alternative consideration.	Environmental Preferable Purchasing	EO 134232 (d) require in agency acquisitions of goods and services <ul style="list-style-type: none"> (i) use of sustainable environmental practices, including acquisition of biobased, environmentally preferable, energy-efficient, water-efficient, and recycled-content products, and (ii) use of paper of at least 30 percent post-consumer fiber content.
Reduce paper use in LM by 10 percent overall	Waste Minimization and Pollution Prevention	EO 13423 2(e) ensure that the agency <ul style="list-style-type: none"> (i) reduces the quantity of toxic and hazardous chemicals and materials acquired, used, or disposed of by the agency, and (ii) increases diversion of solid waste as appropriate, and (iii) maintains cost effective waste prevention and recycling programs in its facilities.
Increase the ratio of alternative fuel use to conventional fuel use by 10% compared to the FY 2009 ratio.	Vehicle and Fuel Use	EO 134232 (g) ensure that, if the agency operates a fleet of at least 20 motor vehicles, the agency, relative to agency baselines for FY 2005, <ul style="list-style-type: none"> (i) reduces the fleet's total consumption of petroleum products by 2 percent annually through the end of FY 2015, (ii) increases the total fuel consumption that is non-petroleum based by 10 percent annually, and (iii) uses plug in hybrid (PIH) vehicles when PIH vehicles are commercially available at a cost reasonably comparable, on the basis of life-cycle cost, to non-PIH vehicles.
Identify and evaluate one opportunity to make ecosystem or habitat improvements while also improving the execution of Long Term Surveillance and Maintenance.	Land Stewardship	DOE O 450.1A Section 4c. Scope of the Environmental Management System. The environmental management system must encompass the environmental aspects of site operations and activities, including environmental aspects of energy and transportation functions, and it must promote the long-term stewardship of a site's natural and cultural resources throughout its design and construction, operation, closure, and post-closure life cycle. DOE Policy 430.1 states that it is DOE's policy to "manage all of its land and facilities as valuable national resources" and states that "DOE's stewardship will be based on the principles of ecosystem management and sustainable development."

FY10 Initiatives	EMS Program Team	Requirement
Safely modify treatment operations at the Fernald and Tuba City treatment facilities to reduce electricity consumption.	Energy Efficiency and Greenhouse Gas Reduction	EO 13423 2(a) improve energy efficiency and reduce greenhouse gas emissions of the agency, through reduction of energy intensity by (i) 3 percent annually through the end of FY 2015, or (ii) 30 percent by the end of FY 2015, relative to the baseline of the agency's energy use in FY 2003.
Add Tuba City as a Goal Metrics Program site in FY 2010.	Water Conservation	EO 13423 2(c) Beginning in FY 2008, reduce water consumption intensity, relative to the baseline of the agency's water consumption in FY 2007, through life-cycle cost-effective measures (i) by 2 percent annually through the end of FY 2015 or (ii) 16 percent by the end of FY 2015.
Reduce ozone depleting substances associated with refrigerators at all active sites..	Waste Minimization and Pollution Prevention	EO 13423 2(e) ensure that the agency (iii) reduces the quantity of toxic and hazardous chemicals and materials acquired, used, or disposed of by the agency, and (iv) increases diversion of solid waste as appropriate, and (v) maintains cost effective waste prevention and recycling programs in its facilities.
Initiate proposals to upgrade existing building square footage to meet the 15 percent goal for sustainable buildings meeting the guiding principles.*	Sustainable Building	EO 13423 (f) ensure that (i) new construction and major renovation of agency buildings comply with the Guiding Principles for Federal Leadership in High Performance and Sustainable Buildings set forth in the Federal Leadership in High Performance and Sustainable Buildings Memorandum of Understanding (2006), and (ii) 15 percent of the existing Federal capital asset building inventory of the agency as of the end of FY 2015 incorporates the sustainable practices in the Guiding Principles.
Enroll in the Federal Electronics Challenge (FEC) and pursue Bronze level award.	Electronic Stewardship	EO 134232 (h) ensure that the agency (i) when acquiring an electronic product to meet its requirements, meets at least 95 percent of those requirements with an Electronic Product Environmental Assessment Tool (EPEAT)-registered electronic product, unless there is no EPEAT standard for such product, (ii) enables the Energy Star feature on agency computers and monitors, (iii) establishes and implements policies to extend the useful life of agency electronic equipment, and (iv) uses environmentally sound practices with respect to disposition of agency electronic equipment that has reached the end.

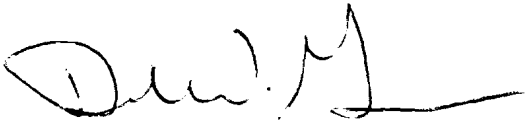
* LM worked in partnership with GSA to ensure LM will be moving into a Business Center that is LEED Gold certified; however, the LM Business Center cannot be included in this percentage since it is a leased GSA facility,

FY2010 EMS Goals and Initiatives

Approvals:

Signature: **Joseph A. Legare** Digitally signed by Joseph A. Legare
DN: cn=Joseph A. Legare, c=us,
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of energy, headquarters, people
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Joseph A. Legare
Program Manager
Legacy Management Services

Signature:  Date: 9/17/09

David W. Geiser
Acting Director
U.S. Department Of Energy, Office of Legacy Management