



Department of Energy  
Washington, DC 20585

JM CHRON

REC'D BY MA-90-8/14/09  
OUT FOR REVIEW - 8/25/09  
DRB DISCUSSION - 9/10/09

MEMORANDUM FOR: INGRID KOLB  
DIRECTOR

OFFICE OF MANAGEMENT

THRU:

for *Cernille Beher 8/17/09*

KEVIN T. HAGERTY

DIRECTOR

OFFICE OF INFORMATION RESOURCES

FROM:

GLENN S. PODONSKY

CHIEF HEALTH, SAFETY AND SECURITY OFFICER

OFFICE OF HEALTH, SAFETY AND SECURITY

SUBJECT:

Notice of Intent to Revise DOE G 450.1-1A, *Implementation Guide for Use with DOE O 450.1, Environmental Protection Program*; and DOE G 450.1-10, *Senior Manager Implementation Guide for Use with DOE O 450.1, Environmental Protection Program*; Develop DOE G 450.1-X, *Implementation Guide for Integrating Sustainable Practices into Environmental Management System*; and DOE G 450.1-Y, *Implementation Guide for Developing an Environmental Compliance Improvement Audit and Review Program*; and Cancel DOE G 450.1-2, *Implementation Guide for Integrating Environmental Management Systems into Integrated Safety Management Systems*.

PURPOSE:

Development of two new guides and revision of two existing guides that support implementation of Department of Energy (DOE) Order (O) 450.1A, *Environmental Protection Program*. DOE O 450.1A contains new requirements from Executive Order (E.O.) 13423, *Strengthening Federal Environmental, Energy, and Transportation Management*, pertaining to environmental management systems (EMS), environmentally sustainable practices, environmental compliance management improvement, and accountability.

JUSTIFICATION:

DOE O 450.1A (attached) incorporates the requirements of E.O. 13423 and its accompanying instructions which establish environmental goals, stipulate sustainable practices, and specify environmental management system requirements that Federal agencies, including DOE, are to implement. The original DOE O 450.1 was supported by eight guides, and based on their importance to accomplishing the new E.O. goals and requirements, we are proposing to update these two existing guides, develop two additional guides, and cancel one existing guide at this time. The remaining DOE O 450.1 guides will be reviewed to determine the need for updating them.



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The proposed guides will not establish new requirements or responsibilities beyond those set forth in DOE O 450.1A. Development of DOE G 450.1-X, *Implementation Guide for Integrating Sustainable Practices into Environmental Management System* will assist the various and diverse programs and operations at DOE sites in identifying appropriate sustainable practices for achieving the new sustainable environmental stewardship goals established in DOE O 450.1A, pursuant to E.O. 13423 requirements. Revision of DOE G 450.1-1A, *Implementation Guide for Use with DOE O 450.1, Environmental Protection Program*, will provide updated information and suggestions to assist sites with efficiently and effectively implementing the new requirements (e.g., environmental management system framework requirements) established in DOE O 450.1A, pursuant to E.O. 13423. Also, best-practices and lessons-learned on the integration of EMS and ISMS will be incorporated (merged) into DOE G 450.1A, thereby allowing for the cancellation of the outdated DOE G 450.1-2.

Revision of DOE G 450.1-10, *Senior Manager Implementation Guide for Use with DOE O 450.1, Environmental Protection Program* will provide senior managers with a high level perspective on the changes occurring at sites under their purview in response to the new requirements in DOE O 450.1A, as well as the responsibilities in the Order that senior managers ensure implementation of these requirements at those sites under their purview. Development of DOE G 450.1-Y, *Implementation Guide for Developing an Environmental Compliance Improvement Audit and Review Program*, is in response to the new corresponding requirements in DOE 450.1A, and will suggest means for sites to reduce duplication and enhance efficiency through the incorporation of the new environmental audit provisions into established self-assessment processes and reviews under existing safety directives.

The planned guidance documents will assist site personnel as they implement the environmental protection and sustainability requirements of DOE O 450.1A. The proposed guides do not duplicate existing laws, regulations or national standards and do not create an undue burden on the Department.

**IMPACT:**

The guides will expedite integration of DOE O 450.1A into DOE operating systems to promote the achievement of the Department's environmental, energy, and transportation goals with minimal burden or cost impact. DOE O 450.1A and its corresponding implementation guides support the "President's National Objectives for DOE - Energy to Secure America's Future" and Secretary Chu's "Science Discovery

Innovation” priorities, in particular greenhouse gas prevention and reduction.

CONTACT: Thomas Traceski, Office of Environmental Policy and Assistance,  
202-586-2481.

Attachment

DECISION:

Concur: \_\_\_\_\_

Nonconcur: \_\_\_\_\_

Date: \_\_\_\_\_

Timeframe Days

First Draft \_\_\_\_\_

Review and Comment \_\_\_\_\_

Responses and Second Draft \_\_\_\_\_

Concurrence \_\_\_\_\_