



Executive Order 13423: *Update on Toxic Reduction Activities*

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Overview



- Updates on Executive Order-related activities
 - Senior Official
 - MOA
 - EMS/ISMS
 - EMS Assistance Network (EMSAN)
- Updates on Toxic Reduction Project
 - CSTC Task



Executive Order 13423



- Signed by President Bush on January 24, 2007
- Final implementation instructions issued on March 29
- On March 27, Secretary Bodman named Andy Karsner, Assistant Secretary for EERE, as the Senior Official with lead responsibility for EO 13423 implementation within the Department
- Designation Memo included instructions to EERE, HSS, MA, CIO, and NNSA to enter into an MOA for EO implementation



Departmental Coordination



- Secretary wants DOE to lead all Federal agencies in implementation performance
- EERE is briefing a “Transformational Initiative” for EO 13423 implementation
- Still need to establish a “path forward” for sustained EO 13423 implementation strategy



Environmental Management Systems



The Department shall use Environmental Management Systems “at all appropriate organizational levels”

- as the **primary management approach** for addressing the environmental aspects of internal DOE operations and activities
- to **establish objectives and targets** to ensure implementation of EO 13423
- for data collection, analysis, and reporting to **measure performance** in implementing EO 13423



EMS/ISMS Issues for DOE to Address



- Modify/expand existing site ISMS/EMSs to incorporate broader scope of EO
- Determine other 'appropriate levels' (DOE site offices? DOE program offices? DOE-wide?) to implement EMS
- New requirement for EMS to 'reflect the EMS elements and framework found in ISO 14001:2004'
- New requirement for a 'formal audit by a qualified party outside the control or scope of the EMS'
 - before declaring initial implementation of an EMS
 - every three years
- Integrate EMS goals, tracking, reviews within ISMS



EMS Assistance Network (EMSAN)



- Created by HS-22, Office of Nuclear Safety and Environmental Assistance
- First meeting on Monday, April 30
- Support DOE program office and site representatives with EMS-related challenges, lessons learned, information sharing
- Major focus on EO 13423 implementation



Update on CSTC Task



- Approved at the Chemical Safety Workshop in March
- Good participation from Program Offices and DOE field elements
 - Mix of HQ and Field, Fed and Contractor
 - Environmental and chemical safety expertise
 - More participation is welcome
- Aggressive timeframe: want deliverable by October 2007



Where We're Heading



- Deliver recommendation to HS-1 for addressing the toxic reduction requirements of EO 13423
 - Use REVCOM for any recommendations that involve direction to DOE field
- Recommending site-specific approach to addressing toxic reduction requirements
 - No intent to develop a list of chemicals that DOE sites would be expected to target for reductions
 - No intent to develop specific reduction goals for the Department as a whole
- Not assuming that existing DOE policies and drives suffice to address the EO



Emerging Direction



- Expectation is that DOE sites will determine the specific chemicals, reduction goals, and implementation actions within the framework of the site's EMS
 - Need to provide some framework for guiding that determination, otherwise sites will return to prior initiatives
 - Need to evaluate environmental versus toxicity measurements to address intent of EO



Questions for Discussion



- How do we drive reductions? (tie in with chemical substitution session)
- Is this an opportunity to drive CSLM practices and principles into chemical programs?
 - Expectations for inventory systems
 - Links with procurement
- Documenting reductions: qualitative or quantitative?
- Reporting: what are the metrics/expectations?



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Questions? Comments?

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