



Department of Energy

Washington, DC 20585

APR 19 2007

MEMORANDUM FOR DISTRIBUTION

FROM: MARK A. GILBERTSON
DEPUTY ASSISTANT SECRETARY FOR
ENGINEERING AND TECHNOLOGY
OFFICE OF ENVIRONMENTAL MANAGEMENT

SUBJECT: Draft Engineering and Technology Roadmap

The House of Representatives Committee on Appropriations Report (H.R. 109474) on Energy and Water Development Appropriations Bill, 2007, requested the Department of Energy (DOE) to “prepare an Office of Environmental Management (EM) technology roadmap that identifies technology gaps that exist in the current program, and a strategy with funding proposals to address them.” Attached for your review is EM’s draft Engineering and Technology Roadmap (Attachment 1).

The technical risks contained in the Roadmap are divided into three program areas: Waste Processing, Groundwater and Soil Remediation, and Deactivation and Decommissioning/Facility Engineering. The Roadmap includes the strategic initiatives that address the technical risks and uncertainties in the EM program. These strategic initiatives form the core of EM’s Engineering and Technology Program, which has been established to lead EM’s applied research and engineering activities that are needed to reduce technical risks and improve technologies and processes at DOE sites across the country. The attached brochure highlights some of the recent successes of that program (Attachment 2).

The Roadmap should be viewed as a living document. As such, your comments are important. In particular, please identify any applied research needs you have that could address the technical risks and uncertainties at your site. Also identify the technical risks and uncertainties associated with spent fuel and special nuclear materials at your site since they were excluded from the draft Roadmap.

I would appreciate your comments by June 30, 2007. If you have any questions, please contact me at (202) 586-0755 or Mr. Steven Schneider at (301) 903-7198 (steve.schneider@em.doe.gov).

2 Attachments

