Department of Energy
Washington, DC 20585

January 18, 2011

MEMORANDUM FOR DISTRIBUTION

FROM: GLENN S. PODONSKY
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OFFICE OF HEALTH, SAFETY AND SECURITY

SUBJECT: Department of Energy Standard for Control and Use of Probabilistic Risk Assessments

The purpose of this memorandum is to distribute for interim use and comment a new draft Department of Energy (DOE) Technical Standard for Control and Use of Probabilistic Risk Assessments.

This Standard provides guidance and criteria for a standard approach to utilization of probabilistic risk assessments in nuclear safety applications. This interim Standard was developed by a team of experts from the DOE Program Secretarial Offices and private industry. It has been reviewed by the DOE Risk Assessment Technical Experts Working Group and recommended by the working group to be issued for interim use and comment in order to allow DOE to take advantage of the insights it provides for control of risk assessments while it is being finalized and improved based upon lessons learned during pilot applications. HSS is providing the draft to you in advance of the normal technical standards review process in order to obtain practical insights on its value and completeness. Further distribution and use of this draft is at the discretion of the Program Offices.

This Standard also addresses part of Defense Nuclear Facilities Safety Board Recommendation 2009-1, *Risk Assessment Methodologies at Defense Nuclear Facilities*, which identified "the need for adequate policies and associated standards and guidance on the use of quantitative risk assessment methodologies at the Department of Energy's defense nuclear facilities."

If you have any questions regarding this Standard, please contact James O'Brien, Director of the Office of Nuclear Safety Policy and Assistance, at (301) 903-1408, or james.o'brien@hq.doe.gov.

Attachment

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