

July 23, 1999

WM Symposia, Inc
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Dear Sir or Madame:

Enclosed please find an abstract for my paper entitled "Update of NRC's Efforts to Develop Guidance for Decommissioning" for presentation at WM2K. Per your instructions I have also included a completed abstract submission form. If you have any questions, please contact me at (301) 415-6749.

Sincerely,

[ORIGINAL SIGNED BY:]

Dominick A. Orlando, Project Manager
Decommissioning Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

Enclosures: As stated

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Sincerely,

A handwritten signature in cursive script, appearing to read "Dominick A. Orlando".

Dominick A. Orlando, Project Manager
Decommissioning Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

Enclosures: As stated

Update of NRC's Efforts to Develop Guidance for Decommissioning

**Dominick A. Orlando, Christine M. Daily and Stephen McGuire
U.S. Nuclear Regulatory Commission
(301) 415-6749**

ABSTRACT

On July 21, 1997, the U.S. Nuclear Regulatory Commission (NRC) published the final rule on Radiological Criteria for License Termination (the License Termination Rule) as Subpart E to 10 CFR Part 20. NRC regulations require that materials licensees submit Decommissioning Plans to support the decommissioning of its facility if it is required by license condition, or if the procedures and activities necessary to carry out the decommissioning have not been approved by NRC and these procedures could increase the potential health and safety impacts to the workers or the public. NRC regulations also require that reactor licensees submit Post-shutdown Decommissioning Activities Reports and License Termination Plans to support the decommissioning of nuclear power facilities. The NRC staff is currently completing the development of guidance, including a Standard Review Plan, (SRP) a final Regulatory Guide for implementing the License Termination Rule (RegGuide) and the DandD Screen software for use by NRC in reviewing and evaluating plans and information submitted by licensees to support the decommissioning of nuclear facilities. This paper provides an update of the NRC staff's efforts to develop this guidance.

Enclosure

7.0 Public Communication, Participation, Education and Training—

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E-mail-linda.ulland@pca.state.mn.us;
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This track includes a broad range of social, environmental, policy, communication, and educational issues associated with waste management decision making. The focus is on potentially affected interests, or stakeholders, who are outside the waste management professional field. Topics have typically covered public participation issues, communication techniques, education and training, socioeconomic and environmental impact analysis and mitigation. More recently, this topic area has discussed cultural issues (including tribal perspectives), equity (including environmental justice, intergenerational equity) risk perceptions and communications.

8.0 Hazardous Wastes & Migration—Al Freitag, BHI.

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This topic includes hydrogeologic, geochemical, and other aspects of radioactive waste management. In addition, in recognition of the fact that restoration, cleanup, and remediation projects often include methods for addressing the presence of hazardous (as well as radioactive) materials. This topic group provides opportunities for presenting waste operations, technology development, demonstration, and deployment, waste characterization and analysis, regulations, and standards as they relate to hazardous wastes.

9.0 D&D—Alfred A. Freitag, BHI.
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All aspects of D&D from License Termination to Greenfield including Characterization, Decontamination, Dismantlement, Demolition, Waste Handling, Final Survey, and associated New Technology Development for both Government and Commercial Nuclear and Non-Nuclear Facilities in the US and internationally.

10.0 Other Issues, e.g. Uranium or Thorium By-Products and Tailings, NORM, Infrastructure, etc.—

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Waste types other than LLW, ILW, Mixed Waste, TRU or HLW: emerging recycling or disposal technologies and regulatory developments for management of uranium or thorium byproducts or tailings, or NORM. Control of migration from and long term surveillance for remediated sites.

11.0 General—M.E. Wacks, WM Symposia, Inc.,

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AUTHORS: Dominick A. Orlando, Christine M. Daily & Stephen McGuire

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I understand that acceptance of this paper for presentation requires a draft paper for review by Nov. 12, 1999 and an author-provided manuscript (in prescribed format) by January 31, 2000. If your paper is not presented at the conference, it will not be published.

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