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ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Mrs. Deborah Jackson  
Office of Nuclear Material Safety and Safeguards  
Division of Spent Fuel Storage and Transportation  
Two White Flint North  
11545 Rockville Pike  
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Subject: Programmatic Review of Presentation for the 13<sup>th</sup> International High-Level  
Radioactive Waste Management Conference (AI 14004.04.001)

Dear Mrs. Jackson:

The enclosed presentations, along with NRC Form 390A and a Technical Publications/Presentations Checklist, is being transmitted for programmatic review. These presentations are planned to be given at the 13<sup>th</sup> International High-Level Radioactive Waste Management Conference to be held April 10–14, 2011, in Albuquerque, New Mexico. The titles of the presentations are

Railway Accident Analyses for Spent Nuclear Fuel Transportation Packages

By T.S. Mintz,<sup>1</sup> G. Adams,<sup>1</sup> M. Necsoiu,<sup>1</sup> C. Bajwa,<sup>2</sup> and E. Easton<sup>2</sup>

<sup>1</sup>Center for Nuclear Waste Regulatory Analyses

<sup>2</sup>U.S. Nuclear Regulatory Commission

Roadway Accident Analyses for Spent Nuclear Fuel Transportation Packages

By T.S. Mintz,<sup>1</sup> G. Adams,<sup>1</sup> M. Necsoiu,<sup>1</sup> C. Bajwa,<sup>2</sup> and E. Easton<sup>2</sup>

<sup>1</sup>Center for Nuclear Waste Regulatory Analyses

<sup>2</sup>U.S. Nuclear Regulatory Commission

The presentations described the analyses of historical rail and road accidents involving hazardous material and long duration fires in the United States. The analyses of these accidents are used to determine the frequency of occurrences and parameters associated with the severe accidents involving a fire that potentially could impact either rail or road transport for spent nuclear fuel. The available databases provide information on severe rail and road accidents going back 13 years. Staff evaluated this information and determined that severe accidents are generally characterized by accidents in which flammable liquid or gas were released in large quantities.



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Mrs. Deborah Jackson  
March 14, 2011  
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Please advise me of the result of your programmatic review. If you have any questions regarding these presentations, please contact me at (210) 522-5282.

Sincerely,



Todd Mintz, Ph.D.  
Licensing and Inspection  
Program Manager

TM/ar

cc: **NRC**  
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Attachment 1  
**Checklist for Implementing the  
Guidelines on Technical Publications and Presentations**

Date	Initials	Action
<b>General Planning and Scheduling</b>		
3/14/11	JM	CNWRA Manager (for CNWRA initiated publications) or NRC Branch-Chief (for NRC initiated publications) concurrence of no anticipated impact on assigned or anticipated tasks.
3/14/11	JM	CNWRA Manager (for CNWRA initiated publications) or NRC Branch-Chief (for NRC initiated publications) approval of planned technical and programmatic scope of paper or presentation.
3/14/11	JM	CNWRA manager/author Informally discusses with NRC Branch Chief or designee on planned scope; this may be done on telephone or via email.
3/14/11	JM	Acknowledgment of staff member that paper or presentation may be later withheld from publication for programmatic reasons.
<b>Materials Generally Unsuitable for Inclusion</b>		
3/14/11	JM	CNWRA Manager (for CNWRA initiated publications) or NRC Branch-Chief (for NRC initiated publications) review and determination that the document contains no information that is unsuitable for inclusion. [In most cases, the review will stop at this point.]
		If needed, NRC programmatic review and determination that the document contains no information that is unsuitable for inclusion.
		If needed, NRC OGC review and determination that the document contains no information that is unsuitable for inclusion.
<b>Decision and Agreement on Constraints</b>		
3/14/11	JM	Acknowledgment of staff member that—despite approval—the paper or presentation may be later withheld for programmatic reasons.
3/14/11	JM	Acknowledgment of staff member of any constraints imposed on discussions about and/or oral presentation of the document.
		NRC Deputy Director or designee High-Level Waste Repository Safety