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Geosciences and Engineering Division

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February 8, 2013

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ATTN: Document Control Desk

U.S. Nuclear Regulatory Commission

Mr. Mathews George

Division of Waste Management and Environmental Protection

FSME/DMSSA/NMPD

Two White Flint North; Mail Stop 8-F8

11555 Rockville Pike

Washington, DC 20852

Subject: Programmatic Review of Presentation for 2013 Waste Management Symposia  
(AI 17860.04.004.300)

Dear Mr. George:

The enclosed presentation, along with NRC Form 390A and a Technical Publications/Presentations Checklist, is being transmitted for U.S. Nuclear Regulatory Commission (NRC) programmatic review. This presentation is planned to be presented at the 2013 Waste Management Conference during February 24-28, 2013, in Phoenix, Arizona. The title of the abstract is:

Performance Impact of Fast Flow Pathways Through Grout Monoliths  
Used for Radioactive Waste Disposal-13224

by

Cynthia L. Dinwiddie<sup>1</sup>, Gary R. Walter<sup>1</sup>, David W. Esh<sup>2</sup>, and Cynthia S. Barr<sup>2</sup>

<sup>1</sup>Southwest Research Institute®

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

The presentation describes the NRC's grout monolith test bed experiments conducted at the Southwest Research Institute® in San Antonio, Texas, to evaluate the likelihood and performance impact of preferential fast flow pathways through cementitious waste forms, and presents a summary of project results obtained to date. This presentation was developed at the request of NRC staff, following an expression of interest on the part of the U.S. Department of Energy staff for Center for Nuclear Waste Regulatory Analyses (CNWRA®) to present project results in a waste-incident-to-reprocessing session at the 2013 Waste Management Conference.

This presentation provides an opportunity to present insights gained from recent analyses conducted under the NRC program, and conference interactions will enhance CNWRA staff support for that program.



Washington Office

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Mr. Mathews George  
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Please advise me of the result of your programmatic review. If you have any questions regarding this abstract, please contact Dr. Cynthia Dinwiddie (210) 522-6085 or me at (210) 522-6418.

Sincerely,



Robert J. Lenhard, Ph.D.  
Program Manager  
Environmental Protection and  
Waste Management for Non-High-Level  
Radioactive Waste

RL/ls

Enc: Presentation, NRC Form 390A, Technical Publications/Presentations

cc:	D. DeMarco	D. Esh	G. Walter	W. Patrick
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				Record Copy B—IQS

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

Date	Initials	Action
<b>General Planning and Scheduling</b>		
2/6/13	RL	CNWRA Manager (for CNWRA initiated publications) or NRC Branch-Chief (for NRC initiated publications) concurrence of no anticipated impact on assigned or anticipated tasks.
2/6/13	RL	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.
2/6/13	CWD	CNWRA manager/author Informally discusses with NRC Branch Chief or designee on planned scope; this may be done on telephone or via email.
2/6/13	CWD	Acknowledgment of staff member that paper or presentation may be later withheld from publication for programmatic reasons.
<b>Materials Generally Unsuitable for Inclusion</b>		
2/6/13	RL	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.]
2/6/13	RL	If needed, NRC programmatic review and determination that the document contains no information that is unsuitable for inclusion.
2/6/13	RL	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>		
2/6/13	CWD	Acknowledgment of staff member that—despite approval—the paper or presentation may be later withheld for programmatic reasons.
2/6/13	CWD	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

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