

May 16, 2006

MEMORANDUM TO: William H. Ruland, Deputy Director
Licensing and Inspection Directorate
Spent Fuel Project Office, NMSS

FROM: L. Raynard Wharton, Project Manager **/RAI/**
Licensing Section
Spent Fuel Project Office, NMSS

SUBJECT: SUMMARY OF MAY 8, 2006, MEETING WITH NAC INTERNATIONAL
REGARDING THE MAGNASTOR APPLICATION STRUCTURAL
ANALYSIS

Background

A closed meeting was held on May 8, 2006, in Rockville, Maryland, with NAC International (NAC) to discuss the MAGNASTOR application structural analysis and associated modeling issues related to the second Request for Additional Information (RAI). Enclosure 1 is a list of the meeting attendees. Enclosure 2 is NAC's letter requesting the closed meeting and the 10 CFR 2.390 proprietary information affidavit. Enclosure 3 includes the proprietary slides NAC provided in support of the meeting. Enclosure 4 is NAC's letter and affidavit for the proprietary meeting slides. No regulatory decisions were made nor requested at the meeting.

Discussion

The meeting began with an introduction of meeting attendees. There was a review of the structural discipline history related to the MAGNASTOR application and the RAIs. NAC and the Nuclear Regulatory Commission (NRC) structural review staff engaged in a very detailed discussion of the structural analysis and methodology used to model the structural stability of the MAGNASTOR design. There was continued discussion of the basket design, various specific modeling elements, and fabrication methods. The staff and NAC agreed on an approach to address staff concerns and provide additional information that would appropriately address design margins and validate the structural modeling assumptions.

NAC expects to make the necessary revisions and additions to their structural analysis and provide a supplement in response to the RAIs. The staff will provide a revised review schedule after the RAI responses are received.

Docket No. 72-1031

TAC No. L23764

Enclosures: 1. Meeting Attendees
2. NAC Closed Meeting Request and Associated Affidavit
3. Proprietary Meeting Slides
4. NAC Letter and Affidavit for Proprietary Meeting Slides

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OFC	SFPO	E	SFPO	C	SFPO	
NAME	LRWharton		EZiegler		MR for RNelson	
DATE	05/16/06		05/16/06		05/16/06	

OFFICIAL RECORD COPY

Closed Meeting NAC and the NRC

NRC Headquarters

May 8, 2006

ATTENDANCE LIST

NAME	ORGANIZATION
Gordon Björkman	NRC/NMSS/SFPO
David Tang	NRC/NMSS/SFPO
Bhasker Tripathi	NRC/NMSS/SFPO
Michel Call	NRC/NMSS/SFPO
Raynard Wharton	NRC/NMSS/SFPO
Thomas Danner	NAC
Mike Yaksh	NAC
George Carver	NAC