

July 17, 2006

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

FROM: L. Raynard Wharton, Senior Project Manager /RA/
Transportation and Storage Safety Inspection Section
Spent Fuel Project Office, NMSS

SUBJECT: SUMMARY OF JULY 6, 2006, MEETING WITH NAC INTERNATIONAL
REGARDING THE MAGNASTOR APPLICATION STRUCTURAL AND
THERMAL REQUESTS FOR INFORMATION RESPONSE

Background

A closed meeting was held on July 6, 2006, in Rockville, Maryland, with NAC International (NAC) to discuss the MAGNASTOR application structural and thermal analyses 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. No regulatory decisions were made nor requested at the meeting.

Discussion

The meeting began with an overview of meeting purpose and agenda. NAC briefed the Nuclear Regulatory Commission (NRC) thermal review staff on their proposed RAI responses. The staff questioned the modeling of the grid spacer region. NAC proposed a telephone conference to discuss modeling approach modifications that would address staff concerns.

Additionally, NAC reviewed the recent structural discipline issue history related to the last MAGNASTOR meeting and the work they had completed to address staff concerns with the structural analysis and RAIs. NAC provided a very detailed briefing to the NRC structural review staff of the amended structural analysis and modified methodology used to model the structural stability of the MAGNASTOR fuel basket designs. The staff concluded that NAC's proposed approach appears to address staff concerns and should provide the appropriate additional information to resolve structural design margins and validate the modeling assumptions.

NAC expects to make the necessary revisions and additions to their structural and thermal analyses and provide a response to the second 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

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

FROM: L. Raynard Wharton, Senior Project Manager **/RAI/**
Transportation and Storage Safety Inspection Section
Spent Fuel Project Office, NMSS

SUBJECT: SUMMARY OF JULY 6, 2006, MEETING WITH NAC INTERNATIONAL
REGARDING THE MAGNASTOR APPLICATION STRUCTURAL AND
THERMAL REQUESTS FOR INFORMATION RESPONSE

Background

A closed meeting was held on July 6, 2006, in Rockville, Maryland, with NAC International (NAC) to discuss the MAGNASTOR application structural and thermal analyses 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. No regulatory decisions were made nor requested at the meeting.

Discussion

The meeting began with an overview of meeting purpose and agenda. NAC briefed the Nuclear Regulatory Commission (NRC) thermal review staff on their proposed RAI responses. The staff questioned the modeling geometry of the grid spacer region. NAC proposed a telephone conference to discuss modeling approach modifications that would address staff concerns.

Additionally, NAC reviewed the recent structural discipline issue history related to the last MAGNASTOR meeting and the work they had completed to address staff concerns with the structural analysis and RAIs. NAC provided a very detailed briefing to the NRC structural review staff of the amended structural analysis and modified methodology used to model the structural stability of the MAGNASTOR fuel basket designs. The staff concluded that NAC's proposed approach appears to address staff concerns and should provide the appropriate additional information to resolve structural design margins and validate the modeling assumptions.

NAC expects to make the necessary revisions and additions to their structural and thermal analyses and provide a response to the second 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

Distribution:

PUBLIC NMSS r/f SFPO staff (e-mail)

E:\Filenet\ML061990003.wpd

"C" = Copy without Enclosure/enclosure "E" = Copy with Enclosure/enclosure "N" = No copy

OFC	SFPO	E	SFPO	C	SFPO	
NAME	LRWharton		MDebose for EZiegler		CRegan	
DATE	07/17/06		07/17/06		07/17/06	

OFFICIAL RECORD COPY

Closed Meeting Between NAC and the NRC

NRC Headquarters

July 6, 2006

ATTENDANCE LIST

NAME	ORGANIZATION
Gordon Björkman	NRC/NMSS/SFPO
David Tang	NRC/NMSS/SFPO
Larry Campbell	NRC/NMSS/SFPO
Jorge Solis	NRC/NMSS/SFPO
Michel Call	NRC/NMSS/SFPO
Raynard Wharton	NRC/NMSS/SFPO
Ghani Zigh	NRC/RES/DRASP
Thomas Danner	NAC
Mike Yaksh	NAC
George Carver	NAC