October 21, 2003

MEMORANDUM TO: Larry W. Camper, Deputy Director
Licensing and Inspection Directorate
Spent Fuel Project Office, NMSS

FROM: Jose R. Cuadrado, Project Engineer /RA/
Licensing Section
Spent Fuel Project Office, NMSS

SUBJECT: SUMMARY OF OCTOBER 16, 2003, MEETING WITH NAC INTERNATIONAL (NAC) (TAC NO. L23659)

On October 16, 2003, a public meeting was held at the U. S. Nuclear Regulatory Commission's (NRC) headquarters office, in Rockville, Maryland. The meeting was conducted with Spent Fuel Project Office management and staff and representatives from NAC International (NAC). The purpose of the meeting was to discuss NAC's plans and schedule for future licensing actions with NRC. Portions of the meeting were closed to the public to discuss proprietary information. The meeting was noticed on October 6, 2003.

After opening remarks regarding NRC's expectations and rules for the meeting, NAC representatives started their presentation with a summary of the history of NAC Cask Systems developments. This summary also included a discussion regarding the current status of NAC's licensing actions regarding the NAC MPC and UMS Systems. Following this summary, the public was given an opportunity to ask questions. The meeting was then closed to discuss proprietary information.

During the proprietary portion of the meeting, NAC provided the NRC with an overview and discussion of several proposed technical improvements related to its cask systems. NAC discussed several significant modifications related to its thermal, structural, shielding and criticality analyses, in addition to significant design changes related to the Advanced UMS System. The staff observed on several occasions that there are several complicated and challenging aspects of the planned submittal and advised NAC on the importance of providing detailed technical analysis, in addition to providing a high quality application. The staff indicated to NAC that their proposed path will involve a highly complex NRC licensing review.

The meeting ended with a discussion of NAC's proposed submittal schedule for its storage and transportation systems applications. NAC plans to submit its proposed storage application during the first quarter of calendar year 2004, with an expected approval during the first quarter of 2006. The NRC staff observed that due to the expected complexity of its technical review and the subsequent 10 CFR Part 72 rulemaking process, NAC should consider a longer proposed schedule and plan accordingly. Regarding its transportation system application, NAC expects to submit this during the first quarter of calendar year 2005.

The meeting attendance list is provided as attachment 1. The presentation material is provided as attachment 2. All proprietary presentation materials used were retained by NAC. No regulatory decisions were requested nor made at the meeting.

Docket No. 72-1015
TAC No. L23659

Attachments: 1. Attendance list
2. NAC Presentation Material

October 21, 2003

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OFC:	SFPO	E	SFPO		SFPO	
NAME:	JCuadrado **JRC**		EZiegler		JMonninger	
DATE:	10/21/03		10/21/03		10/21/03	

OFFICIAL RECORD COPY

ATTACHMENT 1

ATTENDANCE LIST

Meeting between NAC International and the Nuclear Regulatory Commission

NRC Headquarters

October 16, 2003

ATTENDANCE LIST

NAME	ORGANIZATION
Jose Cuadrado	NRC/NMSS/SFPO
Bill Brach	NRC/NMSS/SFPO
Larry Camper	NRC/NMSS/SFPO
Wayne Hodges	NRC/NMSS/SFPO
John Monninger	NRC/NMSS/SFPO
Jack Guttmann	NRC/NMSS/SFPO
Stephen O'Connor	NRC/NMSS/SFPO
Ray Wharton	NRC/NMSS/SFPO
Gordon Bjorkman	NRC/NMSS/SFPO
Antonio Dias	NRC/NMSS/SFPO
Andrew Barto	NRC/NMSS/SFPO
Ron Parkhill	NRC/NMSS/SFPO
David Tang	NRC/NMSS/SFPO
Kim Hardin	NRC/NMSS/SFPO
Maureen Conley	Platts/McGraw-Hill
Tom Thompson	NAC International
Mike Yaksh	NAC International
Tom Danner	NAC International
Gerald Jones	NAC International
George Carver	NAC International
Holger Pfeifer	NAC International

ATTACHMENT 2

NAC PRESENTATION MATERIAL