

March 8, 2006

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

FROM: Jessica Umana, Project Manager /RA/  
Licensing Section  
Spent Fuel Project Office, NMSS

SUBJECT: SUMMARY OF MARCH 2, 2006, MEETING WITH GE NUCLEAR  
ENERGY AND ALPHA OMEGA SERVICES REGARDING THE  
TESTING PROGRAM FOR THE MODEL NO. AOS-165  
PACKAGE DESIGN

#### Background

A meeting was held on March 2, 2006, in Rockville, Maryland, at the request of GE Nuclear Energy to present their review on the testing program for the Model No. AOS-165 package. The enclosures are the agenda and the list of meeting attendees. No regulatory decisions were made nor requested at the meeting. This was a follow up meeting to an earlier pre-application meeting held on October 13, 2005.

#### Discussion

- The purpose of the meeting was to allow GE to present the current design for the Model No. AOS-165 transportation package. GE solicited comments from the staff on the verification test plan and later presented their latest schedule for the AOS-165.
- GE presented a discussion on the verification test plan for materials, fabrication, shielding, thermal, and the drop test.
- Materials used for the Model No. AOS-165 package will be tested as required by the corresponding codes, which are straightforward. Fabrication will be conducted according to ASME code specifications. The shielding evaluation will be confirmed using gamma source mapping. A collection of temperature data will be taken from eight locations throughout the cask for the thermal evaluation. The drop test will be conducted in three orientations: head-on, cg-over corner, and side. Pressure sensitive paper will be used to help identify the distribution of g-forces.

- GE intends to start fabrication of the test specimen in April 2006. The anticipated start date for physical testing of the package is scheduled for May 2006. The drop tests will be conducted on-site at Vallecitos. The SAR submittal is scheduled for June 2006.

Docket No. 71-9316

TAC No. L23933

Enclosures:

1. Meeting Agenda
2. List of Meeting Attendees

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2. List of Meeting Attendees

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<b>OFC</b>	SFPO	C	SFPO	C	SFPO			
<b>NAME</b>	JUmana		MDeBose		RNelson			
<b>DATE</b>	03/08/06		03/08/06		03/08/06			

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## **Agenda**

- **Introduction**
- **Objective**
- **Current Design**
- **Verification Test Plan**
  - **Materials**
  - **Fabrication**
  - **Shielding**
  - **Thermal**
  - **Drop Test**
- **Schedule**

**Meeting Between GE Nuclear Energy, Alpha Omega Services, Inc., and the  
Nuclear Regulatory Commission  
March 2, 2006  
Meeting Attendees**

Larry Campbell	NRC/SFPO
Kim Hardin	NRC/SFPO
Geoffrey Hornseth	NRC/SFPO
Frank Jacobs	NRC/SFPO
Robert Nelson	NRC/SFPO
Nancy Osgood	NRC/SFPO
Jorge Solis	NRC/SFPO
David Tang	NRC/SFPO
Jessica Umana	NRC/SFPO
Raul Pomares	GE Nuclear Energy
Troy Hedger	Alpha-Omega Services, Inc.