

March 28, 2006

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

FROM: Kimberly Hardin, Project Manager /RA/  
Licensing Section  
Spent Fuel Project Office, NMSS

SUBJECT: SUMMARY OF MARCH 15, 2006, MEETING WITH NAC  
INTERNATIONAL TO DISCUSS THE MODEL NO. NAC-LWT PACKAGE  
FOR TRANSPORT OF RESEARCH REACTOR FUEL

#### Background

A meeting was held on March 15, 2006, in Rockville, Maryland, at the request of NAC International to discuss the design of the Model No. NAC-LWT transport package for research reactor fuel under the Foreign Research Reactor (FRR) Program. The Model NAC-LWT design is being amended to add different contents and modify the shipping configuration. An amendment request is expected in April 2006.

The meeting was noticed on March 2, 2006 (ML060610487). The meeting attendance list is provided as Enclosure No. 1.

#### Discussion

The discussion generally followed the agenda (Enclosure No. 2). The primary reason for the meeting was to discuss the design, contents, and transport configuration for an up-coming amendment request to the Model No. NAC-LWT. NAC International presented all aspects of the design, including the fuel description, the basket design, the thermal and structural considerations, the criticality and shielding considerations, and the schedule. A copy of the presentation slides is provided as Enclosure No. 3.

NAC International plans to submit the amendment to the Model No. NAC-LWT Safety Analysis Report in April 2006 with a Certificate of Compliance revision desired date of July 2006.

Docket No.: 71-9225  
TAC No.: L23947

#### Enclosures:

1. Meeting Attendees
2. Agenda
3. Presentation Slides

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Distribution: (Close TAC No. L23947)

NRC Attendees

SBaggett

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OFC	SFPO	N	SFPO	C	SFPO	N
NAME	KHardin		MDeBose		RNelson	
DATE	3/28/06		3/28/06		3/28/06	

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

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**March 15, 2006 Meeting  
between  
NAC International  
and  
the Nuclear Regulatory Commission**

**MEETING ATTENDANCE LIST**

Kim Hardin	NRC/SFPO
Wayne Hodges	NRC/SFPO
Jeremy Smith	NRC/SFPO
Charles Interrante	NRC/SFPO
Nancy Osgood	NRC/SFPO
Shana Helton	NRC/SFPO
Bernie White	NRC/SFPO
Jorge Solis	NRC/SFPO
David Tang	NRC/SFPO
Ben Wilson	NRC/SFPO
Jerry Chuang	NRC/SFPO
Michel Call	NRC/SFPO
Larry Campbell	NRC/SFPO
Robert Einziger	NRC/SFPO
Elaine Keegan	NRC/SFPO
Ray Wharton	NRC/SFPO
Bill Ruland	NRC/SFPO
Chris Bajwa	NRC/SFPO
Drew Barto	NRC/SFPO
Wayne Leach	DOE/NNSA
Philippe Kerrien	AREVA
Andrew Newman	Australian Embassy/ANSTO
Therese Donlevy	Australian Embassy/ANSTO
Tom Danner	NAC International
Holger Pfeifer	NAC International
Mike Yaksh	NAC International
George Carver	NAC International

Agenda for the  
NAC/ANSTO/DOE – NRC Pre-Application Meeting  
For NAC-LWT Package Amendment Request

Purpose: To discuss the Model No. NAC-LWT package for transport of research reactor spent fuel.

1. Introduction
2. Presentation by NAC/ANSTO/DOE
  - a. Fuel Description
  - b. Basket Design (Base, Intermediate and Top Modules)
  - c. Structural and Thermal Considerations
  - d. Criticality and Shielding Considerations
  - e. Anticipated Submittal Schedule
  - f. Question/Answer Session
3. Public comments or questions for the NRC staff
4. Adjourn