

June 18, 2007

MEMORANDUM TO: Robert Nelson, Acting Deputy Director  
Licensing and Inspection Directorate  
Division of Spent Fuel Storage and Transportation, NMSS

FROM: John R. Wray, Project Manager  
Licensing Branch **/RA/**  
Licensing and Inspection Directorate  
Division of Spent Fuel Storage and Transportation, NMSS

SUBJECT: SUMMARY OF JUNE 11, 2007, MEETING WITH  
GLOBAL NUCLEAR FUEL - AMERICA, LLC (GNF)  
ON NEW POWDER CONTAINER (NPC) PACKAGE  
(DOCKET NO. 71-9294; TAC NO. L24033)

On June 11, 2007, the Nuclear Regulatory Commission (NRC) staff met with representatives from Global Nuclear Fuel - America, LLC (GNF) to discuss their April 27, 2007, response to the NRC's Request for Additional Information (RAI) dated January 26, 2007. The list of attendees is provided as Enclosure 1. Enclosure 2 includes the slide presentation provided at the meeting.

The presentation by GNF reviewed in detail each response to NRC questions related to the applicant's request to modify and update Certificate of Compliance USA/9294/AF-85 for the New Powder Container (NPC) transportation package. GNF stated that the request to modify the NPC Certificate of Compliance was made, in part, to provide resolution and clarification to certain issues identified during international validation of the package. The NRC staff emphasized that the present review of GNF's October 3, 2006, submittal will analyze the NPC package modifications for compliance to NRC acceptance standards. The applicant acknowledged their understanding that the staff will only address compliance to NRC standards.

GNF provided the following clarifications regarding the amendment submittal:

- 1) The Inner Containment Canister Assembly (ICCA) is the containment boundary and that the poly bottles stacked within an ICCA will be used only for loading convenience. They stated that some material, such as scrap rods or other solid metal objects, will not be loaded in poly bottles. GNF stated that the poly bottles will only be used for transport of powdered material.
- 2) Shipments of powdered material will always contain three poly bottles (no void spaces). For partial loads, dunnage will be added to prevent internal movement of package contents.
- 3) At temperatures where the poly bottles deformed, the lid maintained an adequate seal to prevent leakage of the contents from the package.

The NRC staff noted that, although GNF requested the NPC Certificate of Compliance be updated to the IAEA 1996 standard, they did not address the nineteen issues, referenced in Federal Register Notice Vol. 69, No. 16 (pages 3698 through 3814), discussing the differences to the IAEA 1985 standard. GNF stated that they will provide an addendum to their RAI response documenting their evaluation of these nineteen issues. GNF also stated that their addendum will provide clarification regarding the addition of dunnage to partial load shipments.

Mr. Scott Murray informed the NRC staff that a request to revise the RAJ-II Certificate of Compliance was recently mailed and should arrive at the NRC this week. This amendment requests a different material form be added to the Certificate. Mr. Murray stated that approval of the RAJ-II request should not take priority over approval of the NPC amendment request. He also stated that GNF will be sending in a Type B certification application for the NPC package later this summer. The NRC staff stated that the Type B amendment application will be a major revision to the certificate.

No regulatory decisions were requested and none were made during the meeting.

Attachment: 1. Meeting Attendees  
2. Presentation Slides

cc: GNF-A, LLC

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<b>OFC</b>	SFPO		SFPO		SFPO	
<b>NAME</b>	JWray		MDebose		RNelson	
<b>DATE</b>	6/18/07		6/18/07		6/18/07	

MEETING WITH GNF-A, LLC AND NRC STAFF

DATE: JUNE 11, 2007

MEETING ATTENDEES

NAME	ORGANIZATION
Robert Nelson	NRC/NMSS/SFST
John Wray	NRC/NMSS/SFST
Nancy Osgood	NRC/NMSS/SFST
Ron Parkhill	NRC/NMSS/SFST
Jorge Solis	NRC/NMSS/SFST
Jerry Chuang	NRC/NMSS/SFST
Scott Murray	GNF-A, LLC
Andy Langston	GNF-A, LLC
Geoffrey Luft	GNF-A, LLC