

December 19, 2008

MEMORANDUM TO: Nader Mamish, Deputy Director
Licensing and Inspection Directorate
Division of Spent Fuel Storage and Transportation, NMSS

FROM: Jessica Glenn, Project Manager **/RA/**
Rules, Inspections and Operations Branch
Division of Spent Fuel Storage and Transportation, NMSS

SUBJECT: SUMMARY OF NOVEMBER 19, 2008 MEETING WITH GLOBAL
NUCLEAR FUEL - AMERICA REGARDING MODEL NOS. RAJ-II
AND NPC PACKAGES

Background

A meeting was held on November 19, 2008, in Rockville, Maryland, at the request of Global Nuclear Fuel – America (GNF-A) to present information to NRC staff for upcoming amendment requests to Certificate of Compliance (CoC) Nos. 9309 and 9204, for the Model Nos. RAJ-II and NPC packages, respectively. The enclosures are the agenda, the list of meeting attendees, and the presentation slides. No regulatory decisions were made nor requested at the meeting. There was no discussion of proprietary information. The meeting was publicly noticed on November 7, 2008. This was a follow up to an earlier meeting held in April 2008.

Discussion

The purpose of the meeting was to discuss amendment and renewal plans for the Model No. RAJ-II and the Model No. NPC.

GNF-A intends to request revisions to CoC No. 9309 to simplify the formatting of the contents. The organization of Table 3, "Fuel Assembly Parameters," presented in the certificate, is not clear to foreign competent authorities. GNF-A will reduce the number of enrichment dependent specifications; specify the contents based on realistic assumptions, arrangements, and gadolinium requirements; and evaluate the lattice enrichment limits relative to actual patterns. In making the changes GNF-A stated that they intended to facilitate the review by including supplemental information in their analysis, this supplemental information will not change the basis of the Model No. RAJ-II approval. As a result of the requested amendment, Sections 3, 7, and 8 of the Safety Analysis Report will be revised. Section 3 will leave the previous analyses as the basis for approval of the Model No. RAJ-II but will provide supplemental analyses which will be useful for foreign approval of the package. Sections 7 and 8 will be updated to include additional descriptions of the package operation and maintenance.

For the Model No. NPC, CoC No. 9204, GNF-A intends to request approval for a Type B certificate. As a result of the amendment request, GNF-A will include "options" to the lid design of the Model No. NPC package. Option 1 of the design will include a double O-ring design, option 2 will include a sealed welded can. GNF-A will also include the original lid design, the band clamp, as an option. GNF-A will perform drop and fire tests on the new designs. Additionally, GNF-A will make the necessary revisions to sections of the Safety Analysis Report to account for the new proposed design. GNF-A anticipates submitting this amendment request by July 2009, with a need date between late 2010 or early 2012.

Docket Nos. 71-9309 and 71-9204
TAC No. L24287

Enclosures:

1. Meeting Agenda
2. List of Meeting Attendees
3. NRC "Public" Presentation

For the Model No. NPC, CoC No. 9204, GNF-A intends to request approval for a Type B certificate. As a result of the amendment request, GNF-A will include "options" to the lid design of the Model No. NPC package. Option 1 of the design will include a double O-ring design, option 2 will include a sealed welded can. GNF-A will also include the original lid design, the band clamp, as an option. GNF-A will perform drop and fire tests on the new designs. Additionally, GNF-A will make the necessary revisions to sections of the Safety Analysis Report to account for the new proposed design. GNF-A anticipates submitting this amendment request by July 2009, with a need date between late 2010 or early 2012.

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Distribution: SFST r/f NMSS r/f NRC Attendees BWhite

Filename: G:\SFST\Glenny\Meeting Summary 11192008.doc
 G:\SFST\Glenny\GNF NPC Presentation.pdf

OFC	SFST	C	SFST	C	SFST			
NAME	JGlenny		MDeBose		EBenner			
DATE	12/19/2008		12/19/2008		12/19/2008			

C=Without attachment/enclosure E=With attachment/enclosure N=No copy **OFFICIAL RECORD COPY**

Agenda
November 19, 2008, 1:00/1:30 p.m. – 4:30 p.m.
Global Nuclear Fuels - Americas

- 1:00 p.m. Introductions, Purpose of Meeting, and Background Information on Model No. RAJ-II
- 1:05 p.m. Proposed Revisions to the Model No. RAJ-II Certificate
- 1:35 p.m. Proposed Revisions to the Model No. RAJ-II Safety Analysis Report
- 2:35 p.m. Certificate Renewal Timing
- 2:45 p.m. Break
- 3:00 p.m. Background Information on Model No. NPC Package
- 3:05 p.m. Proposed Design Modifications for the Model No. NPC Package
- 3:35 p.m. Proposed Testing Methods
- 4:05 p.m. Questions or Comments from the Public
- 4:15 p.m. Meeting Adjourned

Meeting Attendees
GNF and NRC Meeting
November 19, 2008, 1:00 p.m. – 4:30 p.m.

<u>NAME</u>	<u>AFFILIATION</u>	<u>PHONE NUMBER</u>
Jessica Glenny	NMSS/SFST	301-492-3285
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