

June 11, 2019

MEMORANDUM TO: Christopher M. Regan, Deputy Director  
Division of Spent Fuel Management  
Office of Nuclear Material Safety  
and Safeguards

FROM: Chris Allen, Project Manager /RA/  
Spent Fuel Licensing Branch  
Division of Spent Fuel Management  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: SUMMARY OF JUNE 5, 2019 PUBLIC MEETING WITH GLOBAL  
NUCLEAR FUELS TO DISCUSS AMENDING THE MODEL NO. NEW  
POWDER CONTAINER CERTIFICATE OF COMPLIANCE

#### Background

This was a category 1 public meeting between Global Nuclear Fuels (GNF), and U.S. Nuclear Regulatory Commission (NRC) staff to discuss amending the Model No. New Powder Container Certificate of Compliance to expand the authorized uranium contents and to re-instate previous pellet payloads for both Boiling Water Reactor and Pressurized Water Reactor fuels. Regulatory commitments were not made at the meeting. The meeting was noticed on May 22, 2019 (Agencywide Documents Access and Management System Accession No. ML19142A370). The list of meeting attendees is provided in Enclosure 1. The publicly available meeting presentation slides are provided as Enclosure 3.

#### Meeting Summary

On June 5, 2019, NRC staff held a partially closed public meeting with GNF representatives. The discussion followed the agenda provided in Enclosure 2. After the conclusion of the public portion of the meeting, GNF discussed proposed changes for each chapter of the safety analysis report.

NRC staff and GNF discussed the location and organization of information within the safety analysis report. In addition, NRC staff suggested that information about the moisture content of the proposed uranium tetrafluoride payload, a bounding estimate of water movement through the Inner Containment Canister Assembly seal or a bounding corrosion analysis calculation would prove assist NRC staff in reviewing the amendment. NRC staff and GNF also discussed analytical tools employed, the capabilities of these tools and the impact of particle size on determining neutron multiplication factor ( $k_{eff}$ ). GNF stated that they would use the information

provided during the meeting to identify if additional supporting information was required. After discussing submittal timing and a need date for issuance of the amendment, the meeting was adjourned.

Docket No.: 71-9294

EPID No. L-2019-LRM-0028

Enclosures:

1. Meeting Attendees
2. Agenda
3. Meeting Slides

SUMMARY OF JUNE 5, 2019 PUBLIC MEETING WITH GLOBAL NUCLEAR FUELS TO DISCUSS AMENDING THE MODEL NO. NEW POWDER CONTAINER CERTIFICATE OF COMPLIANCE, DOCUMENT DATE: June 11, 2019

**DISTRIBUTION:**

DSFM r/f NRC attendees

Filename: G:\SFST\Allen\Part 71\NPC\Pre-Application Meeting\MeetingSummary.docx

**ADAMS No.: ML19165A045**

<b>OFC:</b>	SFM		SFM		SFM	
<b>NAME:</b>	WAllen		SFigueroa		JMcKirgan	
<b>DATE:</b>	6/10/19		6/11/2019		6/11/2019	

OFFICIAL RECORD COPY

## MEETING ATTENDEES

NAME	AFFILIATION
Meraj Rahimi	NRC
Chris Allen	NRC
Zhian Li	NRC
John Wise	NRC
Christopher Kmiec	GEH
Eric Kirstein	GEH
Scott Pfeffer	GEH
Don Hartsock	GEH
Fariz Abdul Rahman	GEH
Carlos Martinez	GEH
Stephen Chan	GNF
Lon Paulson	GNF

AGENDA  
Meeting between Global Nuclear Fuels (GNF) and the  
Nuclear Regulatory Commission  
June 5, 2019  
3:00 P.M – 5:00 P.M.  
Two White Flint, 6-D-30

**Open Session (90 minutes)**

- Introductions
- Purpose of Meeting
- Overview of the Most Recent NPC Licensing Activities
- Technical Approach to Address NRC Requests for Additional Information (RAIs)
- NPC Safety Analysis Report Modifications to Resolve RAIs

**Closed Session: (Balance of Time)**

- Submittal Strategy and Timing
- Proprietary Q&A

Meeting Presentation Slides