



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

July 11, 2024

PARTIALLY CLOSED MEETING NOTICE

Organization: GLOBAL NUCLEAR FUEL AMERICAS LLC (GNF)

Date: August 28, 2024 9:00 a.m. – 10:30 a.m. (EST)

Location: By videoconference

Purpose: Pre-application Meeting for the Model No. NPC Package (agenda enclosed).

Participants: NRC/NMSS/DFM GNF  
Pierre Saverot, *et al.* Scott Murray, *et al.*

Meeting Category: This is an **Observation** meeting. The public is invited to observe this meeting and will have one or more opportunities to communicate with the NRC after the business portion, but before the meeting is adjourned. The NRC's Policy Statement, "Enhancing Public Participation on NRC Meetings," effective May 28, 2002, applies to this meeting. The policy statement may be found on the NRC website, [www.nrc.gov](http://www.nrc.gov), and contains information regarding visitors and security.

Because this is a virtual meeting, please inform the NRC's meeting contact of your intention to participate by August 23, 2024. This step will ensure that the link for the Teams videoconference meeting will be provided to attendees participating virtually or by telephone.

Contact: Pierre Saverot at [pierre.saverot@nrc.gov](mailto:pierre.saverot@nrc.gov)

Attendance at this meeting by other than those listed above should be made known by August 23, 2024, by email to the above contact with their full name, company/organization, and phone number.

Docket No. 71-9294

EPID No. L-2023-LLA-0131

Enclosure: Agenda

SUBJECT: AUGUST 28, 2024, PRE-APPLICATION MEETING FOR THE MODEL NO. NPC PACKAGE  
(AGENDA ENCLOSED)

DATE: July 11, 2024

Distribution:  
DFM staff (email)

**ADAMS Accession No. ML24193A146**

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OFFICE	NMSS/DFM/STLB	E	NMSS/DFM/STLB	
NAME	PSaverot		SFiguroa	
DATE	07/11/2024		07/11/24	

**OFFICIAL RECORD COPY**

**AGENDA**  
**Meeting between GNF and the**  
**Nuclear Regulatory Commission**  
**August 28, 2024**  
**9:00 a.m. – 10:30 a.m.**  
**Videoconference**

**Public Session:** 9:00 a.m. – 9:25 a.m.

1. Introduction
2. Current New Powder Container (NPC) Package Safety Basis
3. General Purpose of the Amendment Request and approach for Revision the Safety Analysis Report

**Proprietary Session:** 9:30 a.m. – 10:30 a.m.

1. Discussion of Changes to the Safety Analysis Report NEDE-33881P
  - Structural Evaluation
  - Criticality Evaluation
    - Increased enrichment to 8 wt.% U-235,
    - Adjustment of the Upper Subcritical Limit,
    - Benchmarking for KENO validation,
    - Credit for certification test results for limited moderator intrusion.
2. Schedule for Application Submittal – Business need.