



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

August 5, 2025

MEMORANDUM TO: Cinthya Román, Deputy Director  
Division of Fuel Management  
Office of Nuclear Material Safety  
and Safeguards

FROM: Tilda Liu, Senior Project Manager  
Storage and Transportation Licensing Branch  
Division of Fuel Management  
Office of Nuclear Material Safety  
and Safeguards

*Tilda Liu* Signed by Liu, Tilda  
on 08/05/25

SUBJECT: SUMMARY OF JULY 23, 2025, PRE-APPLICATION MEETING ON  
ORANO FEDERAL SERVICES NATRIUM FRESH FUEL PACKAGE  
CERTIFICATION

On July 23, 2025, from 1:30 pm to 3:30 pm, staff members from the Division of Fuel Management (DFM) held a closed pre-application meeting, via video conference, with representatives of Orano Federal Services (Orano FS) and TerraPower (TP) regarding Natrium Fresh Fuel Package (NFFP) transport cask.

The meeting was noticed on July 14, 2025 (Agencywide Documents Access and Management System Accession No. ML25191A117), and it was closed to the members of the public because it involved detailed proprietary design information. Enclosure 1 is the attendee list for the closed meeting (ML25206A351). Enclosure 2 contains the presentation slides from TP (ML25198A375, non-public). Enclosure 3 contains the presentation slides from Orano FS (ML25198A374, non-public).

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Enclosures 2, 3, and 4 transmitted  
herewith contain **Proprietary  
Information**. When separated from  
Enclosures 2, 3 and 4, this document  
and Enclosure 1 are decontrolled.

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2

During the closed meeting, the DFM staff and representatives from Orano FS and TP discussed the details of the NFFP design features, preliminary analysis results, licensing approach, and preliminary schedule. The summary of this closed meeting is contained in Enclosure 4 (ML25206A352, non-public).

Docket No. 71-9406

CAC No. 001028

EPID: L-2025-NEW-0002

Enclosures:

1. Meeting Attendee List
2. TerraPower Presentation (Proprietary)
3. Orano FS Presentation (Proprietary)
4. Summary of Closed Meeting (Proprietary)

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3

SUBJECT: SUMMARY OF JULY 23, 2025, PRE-APPLICATION MEETING ON ORANO  
FEDERAL SERVICES NATRIUM FRESH FUEL PACKAGE CERTIFICATION  
DATED: August 5, 2025

**DISTRIBUTION:**

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**ADAMS Accession Nos.: ML25206A349(pkg), ML25206A350(memo),  
ML25206A351(encl 1), ML25198A375(encl 2, non-public), ML25198A374(encl 3, non-  
public), ML25206A352(encl 4, non-public)**

<b>OFFICE</b>	NMSS/DFM/STLB	NMSS/DFM/STLB	NMSS/DFM/STLB
<b>NAME</b>	TLiu	SFiguroa	YDiaz-Sanabria
<b>DATE</b>	07/25/2025	07/28/2025	08/05/2025
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<b>DATE</b>	08/05/2025		

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