



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

July 1, 2021

MEMORANDUM TO: Jacob I. Zimmerman, Chief  
Fuel Facility Licensing Branch  
Division of Fuel Management  
Office of Nuclear Material Safety and Safeguards

FROM: James R. Downs, Senior Project Manager  
Fuel Facility Licensing Branch  
Division of Fuel Management  
Office of Nuclear Material Safety and Safeguards

SUBJECT: SUMMARY OF JUNE 4, 2021, CLOSED MEETING TO DISCUSS A  
NEW PROCESS TO PURIFY URANIUM AT NUCLEAR FUEL  
SERVICES, INC.

On June 4, 2021, the U.S. Nuclear Regulatory Commission (NRC) held a closed meeting with Nuclear Fuel Services, Inc. (NFS) to discuss a new process to purify uranium at their facility in Irwin, Tennessee. The meeting notice is available in the NRC's Agencywide Documents Access and Management System (ADAMS) at Accession No. ML21144A312 and the presentation slides are not publicly available due to the proprietary nature of the information contained there within. This was a teleconference meeting, and an attempt was made to capture a list of the attendees as they called into the meeting. The enclosed attendance list provides the attendees for the meeting as captured by the NRC staff who helped facilitate the meeting.

During the meeting, the NFS staff provided a general overview of their progress on the technical design for facility changes to support the National Nuclear Security Administration (NNSA) contract for highly enriched uranium conversion and purification services. In addition to the general overview, NFS presented more detailed information on their consideration of:

- Emergency preparedness
- Integrated safety analysis, nuclear criticality safety, radiation protection, and fire safety
- Material control and accounting
- Environmental protection
- Physical security

During the NFS presentations, the NRC staff asked several questions intended to raise awareness of details that may need to be more fully discussed in the future. NFS stated that they remain on track to submit the license amendment request in October or November 2021.

CONTACT: James R. Downs  
301-415-7744

Docket No. 70-143  
License No. SNM-124

Enclosure:  
Attendance List

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PROCESS TO PURIFY URANIUM AT NUCLEAR FUEL SERVICES, INC.

DOCUMENT DATE: JULY 1, 2021

**DISTRIBUTION:**

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nfs@listmgr.nrc.gov

DFM r/f

**ADAMS Accession No.: ML21181A092**

**\*via e-mail**

<b>OFFICE</b>	NMSS/DFM/ FFLB/PM*	NMSS/DFM/ FFLB/LA*	NMSS/DFM/ FFLB/BC*	NMSS/DFM/ FFLB/PM*
<b>NAME</b>	JDowns	ELee	JZimmerman	JDowns
<b>DATE</b>	06/30/2021	06/30/2021	06/30/2021	07/01/2021

**OFFICIAL RECORD COPY**

# ATTENDANCE LIST

NAME	AFFILIATION	NAME	AFFILIATION
John Stewart	Nuclear Fuel Services, Inc.	James Downs	NMSS/DFM/FFLB
Tim Knowles	Nuclear Fuel Services, Inc.	Nathan Mackey	NMSS/DFM/FFLB
Ken Givens	Nuclear Fuel Services, Inc.	Kevin Ramsey	NMSS/DFM/FFLB
Brad Graham	Nuclear Fuel Services, Inc.	Jim Rubenstone	NMSS/DFM/MCAB: BC
Melinda Graham	Nuclear Fuel Services, Inc.	Suzanne Ani	NMSS/DFM/MCAB
Danielle Rogers	Nuclear Fuel Services, Inc.	Dave Hanks	NMSS/DFM/MCAB
Mike Tesar	Nuclear Fuel Services, Inc.	Tom Pham	NMSS/DFM/MCAB
John Nagy	Nuclear Fuel Services, Inc.	Glenn Tuttle	NMSS/DFM/MCAB
Marie Moore	Nuclear Fuel Services, Inc.	Jonathan Marcano	NMSS/DFM/NARAB: BC
Scott Gizzie	Nuclear Fuel Services, Inc.	Eli Goldfeiz	NMSS/DFM/NARAB
Ron Rice	Nuclear Fuel Services, Inc.	Zhian Li	NMSS/DFM/NARAB
Nick Brown	Nuclear Fuel Services, Inc.	Jeremy Munson	NMSS/DFM/NARAB
Emily Senter	Nuclear Fuel Services, Inc.	April Smith	NMSS/DFM/NARAB
Mike Eakin	Nuclear Fuel Services, Inc.	Donald Palmrose	NMSS/REFS/ERMB
Sam Skiles	Nuclear Fuel Services, Inc.	Stacey Imboden	NMSS/REFS/ERMB
Randy Slagle	Nuclear Fuel Services, Inc.	Jesse Seymour	NRR/DRO/IOLB/HFT
Jason Faddis	Nuclear Fuel Services, Inc.	Tim Harris	NSIR/DPCP/MSB
Joyce Griffith	Nuclear Fuel Services, Inc.	Chuck Teal	NSIR/DPCP/MSB
Tom Evans	Nuclear Fuel Services, Inc.	Jessie Quichocho	NSIR/DPR/RLB: BC
Natalie Willis	Nuclear Fuel Services, Inc.	Ken Mott	NSIR/DPR/RLB
Zahira Cruz Perez	NMSS/DFM/CTCFB: BC	Robert Williams	R-II/DFFI/PB1: BC
Chris Bajwa	NMSS/DFM/CTCFB	Larry Harris	R-II/DFFI/PB1/NFSSO
Jimmy Chang	NMSS/DFM/CTCFB	Joel Rivera-Ortiz	R-II/DFFI/PB1
Jim Hammelman	NMSS/DFM/CTCFB	Greg Goff	R-II/DFFI/PB2
JoAnn Ireland	NMSS/DFM/CTCFB	Tim Sippel	R-II/DFFI/PB2
Gary Jenkins	NMSS/DFM/CTCFB	Otis Smith	R-II/DRS/PSB
Jake Zimmerman	NMSS/DFM/FFLB: BC	James Chang	RES/DRA/HFRB

Enclosure