



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

August 26, 2020

MEMORANDUM TO: Damaris Marcano, Acting Chief
Fuel Facility Licensing Branch
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards

FROM: Yawar H. Faraz, Senior Project Manager **/RA/**
Fuel Facility Licensing Branch
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards

SUBJECT: SUMMARY OF ONSITE REVIEW OF CENTRUS' HALEU
AMENDMENT APPLICATION'S NUCLEAR CRITICALITY SAFETY
AND INTEGRATED SAFETY ANALYSIS

DATE: August 11-13, 2020

PLACE: Centrus Energy Corp. (Centrus)–Technology and Manufacturing Center
(TMC), Oak Ridge Tennessee

PURPOSE:

The purpose of the site visit was for U.S. Nuclear Regulatory Commission's (NRC's) Office of Nuclear Material Safety and Safeguards staff to conduct onsite reviews of Centrus' nuclear criticality safety (NCS) and Integrated Safety Analysis (ISA) documentation, discuss NRC's draft NCS and ISA requests for additional information (RAIs) (Agencywide Document Access and Management System Accession No. ML20223A155), and tour the TMC.

Attendees

NRC: April Smith, Jeremy Munson, Yawar Faraz
Centrus: Kelly Wiehle, Jonathan Corrado, Mark McGuire
Paschal Solutions (Centrus contractor): Clint Gross, Tracey Henson, Tim Dart (by phone),
Gene Pyzik (by phone), Christopher Tripp (by phone)

As a result of its onsite review of ISA documentation and related discussions, the NRC staff will be modifying one NCS-related RAI and adding two new ISA-related RAIs. These will be included in the final set of RAIs which are yet to be issued to Centrus.

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301-415-7220

Docket No. 70-7004
License No. SNM-2011

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APPLICATION'S NUCLEAR CRITICALITY SAFETY AND INTEGRATED
SAFETY ANALYSIS

DATED: August 26, 2020

DISTRIBUTION:

DFM r/f	KEverly, NSIR	LPitts, RII	JMunson, NMSS	ASmith, NMSS
CRegen, NMSS	AKock, NMSS	RLewis, NMSS	JLubinski, NMSS	RChang, NMSS
LClark, OGC	NSt.Amour, OGC	ASmith, NMSS	JMunson, NMSS	

Adams Accession No.: ML200237F263

*** Concurrence via e-mail**

OFFICE	NMSS/DFM/FFLB*	NMSS/DFM/FFLB*	NMSS/DFM/NARAB*	NMSS/DFM/FFLB*
NAME	YFaraz	ELee	RChang	DMarcano
DATE	8/24/20	8/24/20	8/24/20	8/26/20

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