



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

August 5, 2025

MEMORANDUM TO: Samantha Lav, Chief  
Fuel Facility Licensing Branch  
Division of Fuel Management  
Office of Nuclear Material Safety  
and Safeguards

FROM: Eben Allen, Project Manager  
Fuel Facility Licensing Branch  
Division of Fuel Management  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: SUMMARY OF MARCH 31, 2025, PRE-APPLICATION MEETING  
WITH GLOBAL LASER ENRICHMENT, LLC FOR THE  
MANAGEMENT MEASURES FOR THE PADUCAH LASER  
ENRICHMENT FACILITY IN MCCracken COUNTY,  
KENTUCKY

*Eben Allen* Signed by Allen, Eben  
on 08/05/25

The staff of the U.S. Nuclear Regulatory Commission (NRC) conducted a closed hybrid meeting (in-person and virtual via Microsoft Teams) on March 31, 2025, from 9:00 a.m. to 10:00 a.m. The purpose of the meeting was to discuss a draft license application (LA) chapter on management measures (MM) from Global Laser Enrichment, LLC's (GLE) planned commercial uranium enrichment facility to be located in Paducah, Kentucky, the Paducah Laser Enrichment Facility. GLE plans to remove NQA-1 commitments from their quality assurance (QA) plan that were previously included in their withdrawn Special Nuclear Material (SNM) 2019 license application, and they do not plan to use any sole items relied on for safety (IROFS). GLE clarified quality levels (QL)-1 are not planned to be used because they apply only to sole IROFS, QL-2 graded IROFS will be included in the integrated safety analysis (ISA) summary, and a third QL related to fire safety systems will be defined in the ISA.

GLE specified that there will not be a QA program plan separate from Chapter 11, but the application will include commitments to relevant QA requirements. GLE stated that the MM chapter would be revised to include applicability during design and construction.

CONTACT: Matt Bartlett, NMSS/DFM  
301-415-7154

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

S. Lav

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The meeting provided the NRC and GLE staff a forum to discuss the licensing process, gain an understanding of the planned contents of the application and identify potential gaps in the draft LA chapter.

Docket No.: 07007033

Enclosures:

1. Participants List (Public)
2. Management Measures Pre-Application  
Meeting Summary (Non-Public)
3. Management Measures Pre-Application  
Discussion Items (Non-Public)

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