



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

August 19, 2024

Tim Knowles, Licensing &
Regulatory Affairs, Manager
Global Laser Enrichment, LLC
110 U.S. Highway 421, Suite 100
Wilmington, NC 28401

SUBJECT: APPROVAL OF THE GLOBAL LASER ENRICHMENT, LLC EXEMPTION
REQUEST TO BIFURCATE SUBMITTAL OF THE ENVIRONMENTAL REPORT
IN ADVANCE OF THE SAFETY AND SAFEGUARDS ANALYSIS REPORT
FOR THE PADUCAH LASER ENRICHMENT FACILITY (ENTERPRISE
PROJECT IDENTIFIER L-2024-LLE-0023)

Dear Tim Knowles:

Global Laser Enrichment, LLC (GLE), a jointly owned subsidiary of Silex Systems Limited and Cameco Corporation, submitted a letter dated July 2, 2024 (Agencywide Documents Access and Management System [ADAMS] Accession No. ML24193A060), requesting an exemption from requirements in Title 10 of the *Code of Federal Regulations* (10 CFR), Sections 51.60(a), "Environmental report—materials licenses" and 70.21(h), "Filing." The exemption request supports GLE's plans to submit a license application in 2025 to possess and use special nuclear material for processing and fuel fabrication. The exemption requests authorization to submit the application in two parts: the environmental report (ER), followed by the safety and safeguards analysis report (SAR). Under the current regulations, an applicant must submit the ER and SAR together as a complete package.

A safety evaluation report of the U.S. Nuclear Regulatory Commission (NRC) staff's review of the exemption request is attached in the enclosure. The staff finds that granting the exemption is authorized by law, will not endanger life or property or common defense and security, and is otherwise in the public interest. Therefore, the staff grants GLE a temporary exemption from the requirements of 10 CFR 70.21(h) and 10 CFR 51.60(a), until 1 year after official receipt of the SAR in ADAMS. Neither granting the exemption request nor beginning a review of the ER prior to receipt of the SAR indicates a commitment by the NRC to accept the license application for docketing.

This letter concludes action on this submittal, and Enterprise Project Identifier L-2024-LLE-0023 is closed.

In accordance with 10 CFR 2.390, "Public inspections, exemptions, requests for withholding," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room (PDR) or from the Publicly Available Records component of the NRC's ADAMS. ADAMS is accessible from the NRC website at <http://www.nrc.gov/reading-rm/adams.html>. The PDR is open by appointment. To make an appointment to visit the PDR, please send an email to PDR.Resource@nrc.gov or call 1-800-397-4209 or 301-415-4737, between 8 a.m. and 4 p.m. eastern time (ET), Monday through Friday, except Federal holidays.

If you have any questions regarding this communication, please contact Matthew Bartlett at 301-415-7154 or via email at Matthew.Bartlett@nrc.gov.

Sincerely,



Signed by Lav, Samantha
on 08/19/24

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

Docket No. 07007033

Enclosure:
Safety Evaluation Report

cc: gle@listmgr.nrc.gov

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