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EDEN-NRC-2023-001

August 7, 2023

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Reference: Eden Radioisotopes, LLC
Eden Isotope Production Complex
Project/Docket No.: 99902077

Subject: Eden Isotope Production Complex (EIPC)
Notice of Intent to Submit License Application

Dear Sir or Madam:

The purpose of this letter is to inform the U.S. Nuclear Regulatory Commission (NRC) that Eden Radioisotopes, LLC ("Eden") intends to submit license applications in order to construct and operate a medical isotope production facility, called the Eden Isotope Production Complex (EIPC).

Eden plans to construct and operate the EIPC near Eunice, Lea County, New Mexico. The primary purpose of the proposed facility is to produce medical isotopes, including Molybdenum-99, Lutetium-177, Iodine-131, and Xenon-133, for medical imaging and radiotherapeutic purposes.

Eden intends to apply to the NRC to obtain a construction permit and subsequent operating license for a utilization and production facility under 10 CFR Part 50, "Domestic Licensing of Production and Utilization Facilities." Embedded in the 10 CFR Part 50 licensed facility will be several activities subject to 10 CFR Part 70, "Domestic Licensing of Special Nuclear Material", and 10 CFR Part 30, "Rules of General Applicability to Domestic Licensing of Byproduct Material". Finally, Eden believes that the EIPC will be a Class 103 licensed facility under 10CFR 50.22.

Eden is currently in the process of establishing a detailed licensing schedule; however, for planning purposes, it is our present intent to submit the application in the second quarter of CY2024.

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If you have any questions, please feel free to contact me or Mr. James Saldarini, Eden Licensing Director, at 240-344-5204 (jsaldarini@edenrad.com).

Sincerely,

Chris Wagner

Chris Wagner
Chief Executive Officer
Eden Radioisotopes, LLC

cc: Linh N. Tran, NRC (NRR/DANU/UNPL)