

Bennett Lee
CEO - Eden Radioisotopes, LLC
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May 20, 2013

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

SUBJECT: Intent to Build Domestic Medical Isotope Production Facility

To Whom It May Concern:

The purpose of this letter is to inform the 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 (MIPF). Eden formally requests an audience with the NRC to initiate discussions of this licensing process on a date convenient for both parties.

The goal of this meeting is to familiarize both parties with the licensing steps Eden must take so that the U.S. can meet its Molybdenum-99 (Mo-99) needs without the use of highly enriched uranium (HEU). With two major suppliers shutting down permanently in the next few years, it is imperative that the nation secures a reliable, inexpensive, and domestic source of Mo-99, so its citizens can have access to affordable, quality medical imaging.

We wish to address the following at our meeting:

- Overview of Eden's MIPF
- Eden's proposed timeline
- NRC comments on technology fit with established processes
- Determination of tentative timeline and milestones

In addition, we wish to seek clarification regarding the following topics:

- Fuel qualification
- Reactor qualification
- Use of pool water as one of the scrubbing agents in accident analysis
- Hot cell shielding qualification
- Joint license for reactor and hot cell processing facility

Because Eden considers the information contained in Enclosure (1) to be proprietary, Eden requests that Enclosure (1) be withheld from public disclosure, pursuant to 10 CFR 2.390 and 9.17(a)(4). We have provided the necessary

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affidavit to support our request in Enclosure (3). We have also provided a public version of our response in Enclosure (2). Upon removal of Enclosure (1), this document can be made public.

Sincerely,

A handwritten signature in black ink, appearing to read 'Bennett Lee', with a stylized flourish at the end.

Bennett Lee
Chief Executive Officer
Eden Radioisotopes, LLC

Enclosure:

- (1) Presentation (Proprietary Version)
- (2) Presentation (Public Version)
- (3) Affidavit of Bennett J. Lee (Chief Executive Officer of Eden Radioisotopes, LLC)