

February 23, 2010

Mr. John J. Miller, CHP
International Isotopes, Inc.
4137 Commerce Circle
Idaho Falls, ID 83401

SUBJECT: LICENSE APPLICATION FOR INTERNATIONAL ISOTOPES FLUORINE
PRODUCTS, INC. FACILITY – ACCEPTANCE REVIEW (TAC NO'S. L32739 AND
L32740)

Dear Mr. Miller:

We have received your application, including an Environmental Report and an Integrated Safety Analysis Summary, dated December 30, 2009, to possess and use source and by-product material at the proposed International Isotopes Fluorine Products, Inc. (IIFP) facility. The IIFP, which is to be located in Lea County, New Mexico, is proposed to deconvert 7.3 million pounds of depleted uranium hexafluoride (DUF_6) annually into fluoride products and depleted uranium oxides (DUO). Your request has been assigned the technical assignment control (TAC) numbers L32739 for the safety review and L32740 for the environmental review. Please reference these numbers in any future correspondence associated with this request.

We have completed our acceptance review of your application and have determined the application to be acceptable for formal review. Please note that the complete technical review may identify omissions in the submittal information or technical issues that require additional information.

Based on our projection of the administrative and technical review schedules, we anticipate completing our reviews and issuing our Safety Evaluation Report and Environmental Impact Statement documents by January 2012; however, this date could change depending on budget and resource constraints, the findings of our technical review, or other factors. We will promptly communicate any significant changes to this schedule.

Be advised that this application does not require a mandatory hearing, but a notice of opportunity for stakeholders to request a hearing will be published in the Federal Register, shortly after the distribution of this letter.

A copy of your submittal has been forwarded to our License Fee and Accounts Receivable Branch, Office of the Chief Financial Officer, who will contact you separately for billing, as the review of your application is subject to full cost fee recovery.

In accordance with Title 10 of the *Code of Federal Regulations* 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

If you have any questions regarding this matter, please contact me at (301) 492-3119 or via email to Matthew.Bartlett@nrc.gov.

Sincerely,

/RA/

Matt Bartlett, Project Manager
Advanced Fuel Cycle, Enrichment,
and Uranium Conversion Branch
Special Projects and Technical
Support Directorate
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

Docket No.: 40-9086

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Sincerely,

/RA/

Matt Bartlett, Project Manager
 Advanced Fuel Cycle, Enrichment,
 and Uranium Conversion Branch
 Special Projects and Technical
 Support Directorate
 Division of Fuel Cycle Safety
 and Safeguards
 Office of Nuclear Material Safety
 and Safeguards

Docket No.: 40-9086

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