

July 2, 2010

Ms. Jan V. Biella  
Interim New Mexico State Historic  
Preservation Officer  
Historic Preservation Division  
Bataan Memorial Building  
407 Galisteo St., Suite 236  
Santa Fe, New Mexico 87501

SUBJECT: INITIATION OF THE NATIONAL HISTORIC PRESERVATION ACT SECTION  
106 PROCESS FOR INTERNATIONAL ISOTOPES FLUORINE PRODUCTS,  
INC. PROPOSED FLUORINE EXTRACTION PROCESS & DEPLETED  
URANIUM DE-CONVERSION PLANT

Dear Ms. Biella:

International Isotopes Fluorine Products, Inc. (IIFP), a wholly owned subsidiary of International Isotopes, Inc. (INIS), has submitted a license application to the U.S. Nuclear Regulatory Commission (NRC) to construct, operate, and decommission a proposed uranium processing facility. The facility is proposed to be located within a 640-acre section near Hobbs, New Mexico in Lea County (see enclosed map), of which approximately 40 acres would be developed. The 40-acre site would be fenced in and contain process-related buildings and an administrative office building. The proposed facility would provide services to the uranium enrichment industry for de-conversion of depleted uranium hexafluoride (DUF<sub>6</sub>) into uranium oxides for long-term stable disposal. The proposed facility would also produce high-purity inorganic fluorides for applications in the electronic, solar panel, and semiconductor markets and anhydrous hydrofluoric acid for various industrial applications.

As established in Title 10 Code of Federal Regulations Part 51 (10 CFR Part 51), the NRC regulation that implements the National Environmental Policy Act of 1969, as amended, the NRC is preparing an Environmental Impact Statement (EIS) for the proposed action. In accordance with 36 CFR 800.8(c), the NRC plans to coordinate compliance with Section 106 of the National Historic Preservation Act of 1966 through the requirements of the National Environmental Policy Act of 1969. In accordance with Section 106 of the National Historic Preservation Act, the EIS will include an analysis of potential impacts to historic and cultural properties. To support the environmental review, the NRC is requesting information to facilitate the identification of State historic sites or cultural resources that may be affected by the proposed facility. Any input you provide will be used to enhance the scope and quality of our review in accordance with 10 CFR 51 and 36 CFR 800. After assessing the information you provide, the NRC will determine what additional actions are necessary to comply with Section 106 of the National Historic Preservation Act.

We would also like to invite you to attend a public meeting that we will be holding on Thursday, July 29, 2010, at the Lea County Event Center, 5101 Lovington Highway in Hobbs, New Mexico, from 5:30 p.m. until 8:30 p.m. The purpose of this meeting is to solicit comments from stakeholders and members of the public on the scope of the EIS review.

The IIFP license application is publicly available in the NRC Public Document Room (PDR) located at One White Flint North, 11555 Rockville Pike, Rockville, Maryland, 20852, or from the NRC's Agencywide Documents Access and Management System (ADAMS). The ADAMS Public Electronic Reading Room is accessible at <http://www.nrc.gov/reading-rm/adams.html>. The accession number for the license application is ML100630503. Persons who do not have access to ADAMS or encounter problems, should contact the NRC's PDR reference staff by telephone at 1-800-397-4209, or 301-415-3747, or by e-mail at [pdr@nrc.gov](mailto:pdr@nrc.gov).

Please submit any comments you may have to offer on the environmental review within 30 days of receipt of this letter. If you have any questions, please contact Asimios Malliakos of my staff by telephone at 301-415-6458 or by email at [Asimios.Malliakos@nrc.gov](mailto:Asimios.Malliakos@nrc.gov). Thank you for your assistance.

Sincerely,

**/RA/**

Diana Diaz-Toro, Branch Chief  
Environmental Review Branch A  
Environmental Protection and Performance  
Assessment Directorate  
Division of Waste Management  
and Environmental Protection  
Office of Federal and State Materials  
and Environmental Management Programs

Enclosure:  
Figure 1, Proposed IIFP Site  
Location

Docket No.: 40-9086

J. Biella

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Sincerely,

Diana Diaz-Toro, Branch Chief  
Environmental Review Branch A  
Environmental Protection and Performance  
Assessment Directorate  
Division of Waste Management  
and Environmental Protection  
Office of Federal and State Materials  
and Environmental Management Programs

Enclosure:  
Figure 1, Proposed IIFP Site  
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M. Bartlett

**ML101160119**

<b>OFC</b>	EPPAD	EPPAD	EPPAD
<b>NAME</b>	JMoore	AWalker-Smith	DDiaz-Toro
<b>DATE</b>	04/26/10	04/26/10	07/02/10

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