



International Isotopes Inc.

June 20, 2008

Mr. Mike Raddatz
U.S. Nuclear Regulatory Commission
NMSS/FCSS/FFLD/E
Mail Stop E2 C40
Executive Boulevard Building
6003 Executive Blvd.
Rockville, MD 20852

Subject: Authorization to Disclose Contents of STL-2008-15 Letter Dated March 27, 2008.

Dear Mr. Raddatz,

In light of International Isotopes, Inc.'s public announcements, released on June 4, 2008, the Company's request to withhold from public disclosure the contents of STL-2008-15 letter dated March 27, 2008 is no longer necessary. This being the case, International Isotopes, Inc. authorizes the U.S. Nuclear Regulatory Commission to include letter STL-2008-15, along with the three June 4, 2008 press releases, attached, to the public.

Should you have additional questions regarding this letter please contact myself or Steve Laflin at 208 524-5300.

Sincerely,

John J. Miller, CHP
Radiation Safety Officer

cc:
J. J. Miller file (JJM-2008-13)
Steve T. Laflin



International Isotopes Inc.



March 27, 2008

Mr. Mike Raddatz
US Nuclear Regulatory Commission
NMSS/FCSS/FFLD/E
Mail Stop E2 C40
Executive Boulevard Building
6003 Executive Boulevard
Rockville, MD 20852

Subject: International Isotopes Intent to Apply for Licensing of a new Depleted Uranium De-Conversion and Fluorine Extraction Process Facility

Dear Mr. Raddatz,

The purpose of this letter is to inform the Nuclear Regulatory Commission (NRC) of our company's intention to submit an operating license application for a depleted uranium UF6-UF4 de-conversion and Fluorine Extraction Process facility.

Based upon current information, our best estimates of license application submittal dates are as follows:

Facility Type	Description	Anticipated Submittal Date
FEP Pilot Plant	Facility sized to house our entire operation but would initially only contain an FEP process system, larger in scale but similar to the current Idaho Operation. Expected to be limited to less than 10,000 KG of DUF4	November 1, 2008
Hybrid FEP and UF6-UF4 De-Conversion	Facility to have installed UF6-UF4 De-Conversion equipment and larger scale FEP equipment. The facility will be expected to handle on the order of up to 28 million pounds of DUF6 on an annual basis. Full EIS will be prepared and submitted .	May 1, 2009

The location of this facility has not been conclusively determined at this time. In the coming months the Company will be evaluating locations in Idaho, Texas, and New Mexico and your office will be informed as soon as site location decision is reached.

[REDACTED]

Please note that the proposed dates of license application submittal to the NRC are based upon our best estimates of the time required to design facilities and prepare these applications and will also depend upon our efforts to obtain funding and complete certain prerequisite activities and agreements. Therefore, the dates are subject to change. Again, the Company will keep your office informed of any changes to this proposed schedule.

As indicated in this letter, and stipulated in the attached affidavit the Company is requesting that the information contained in this letter [REDACTED] at this time. The Company anticipates launching a public relations campaign at some time in the future, however, and at that time the Company will inform the NRC and [REDACTED]
[REDACTED]

Thank you for your review of this request and our Company looks forward to working with you and the other members of NRC staff as we move this application process forward.

Sincerely,



Steve T. Laflin
President & CEO
INTERNATIONAL ISOTOPES, INC

STL-2008-15

Affidavit

[REDACTED]

I, Stephen T. Laflin, President and C.E.O. of International Isotopes, Inc. (INIS), a publicly traded Company, requests that the information contained within the Letter, STL-2008-15 (International Isotopes Intent to Apply for Licensing of a new Depleted Uranium De-Conversion and Fluorine Extraction Process Facility) dated March 27, 2008, [REDACTED]

[REDACTED]

Stephen T. Laflin

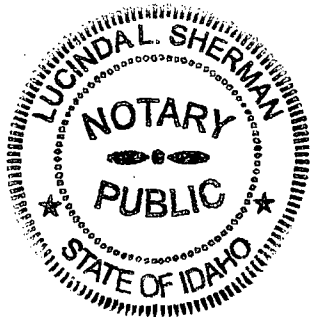
SIGNED AND SWORN

By the above-named Deponent (Stephen T. Laflin, at 4137 Commerce Circle, Idaho Falls, in the State of Idaho, Bonneville County, on this date 3/27/08 before me,

Lucinda Sherman.

Notary Public

Lucinda L. Sherman



My Commission Expires 08, 2012.

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FOR IMMEDIATE RELEASE:

June 4, 2008

For More Information, Contact:

Steve Laflin, President and CEO

(208) 524-5300

INTERNATIONAL ISOTOPES INC. ANNOUNCES THE FILING OF DOMESTIC AND INTERNATIONAL PATENT APPLICATIONS FOR THE COMPANY'S FLUORINATION TECHNOLOGY

Idaho Falls, ID June 4, 2008 -- International Isotopes Inc. (OTC Bulletin Board: INIS) is pleased to announce it has filed five domestic and international patent applications for its promising fluorination technology.

During 2007 and 2008, INIS's Fluorine Products Division evaluated the feasibility of using germanium tetrafluoride and silicon tetrafluoride as fluorinating agents for the production of organo-fluorine products. In a series of small-scale experiments, it successfully demonstrated that both germanium tetrafluoride and silicon tetrafluoride could be used as fluorinating agents for the direct production of certain hydro fluorocarbons. The Company believes this technology could have beneficial applications for the production of certain pharmaceutical compounds, agro chemicals, and certain fluorinated olefins. INIS would like to stress this technology is in very early development and more research needs to be done to demonstrate true commercial applications.

Steve T. Laflin President and Chief Executive Officer of INIS stated, "We are very pleased with the initial early results from this promising fluorination technology and believe these experiments represent a significant advance in organo-fluorine chemistry. This technology potentially fits in very well with our announcement today of our planned large-scale uranium de-conversion and fluorine extraction facility. We expect that facility will produce large volumes of fluoride gases such as SiF₄.

"Since the feedstock material for this fluorine gas production is a waste material, we believe our production costs will be competitive with current fluoride gas manufacturing processes. We plan to continue research into developing these fluorination technologies with an ultimate goal of expanding the markets for the high purity fluoride gases we produce using our patented Fluorine Extraction Process. Current uses for these high purity gases include microelectronics applications, fiber optic cable manufacturing, and production of photovoltaic films for various solar cell applications.

"I do want to stress these developments are at a very early stage but obviously, if successful, it would increase the markets for our fluoride gases."

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About International Isotopes Inc.

International Isotopes Inc. manufactures a full range of nuclear medicine calibration and reference standards, high purity fluoride gases, and a variety of cobalt-60 products such as teletherapy sources. The Company also provides a wide selection of radioisotopes and radiochemicals for medical devices, calibration, clinical research, life sciences, and industrial applications and provides a host of analytical, measurement, recycling, and processing services on a contract basis to clients.

International Isotopes Inc. Safe Harbor Statement

Forward-looking statements in this press release are made pursuant to the safe harbor provision of the federal securities laws. Information contained in forward-looking statements is based on current expectations and is subject to change. Actual results may differ materially from the forward-looking statements. Many factors could cause actual results to differ materially from the forward-looking statements. Readers are directed to read the risk factors detailed from time to time in our filings with the Securities and Exchange Commission, including our annual report on Form 10-KSB for the year ending December 31, 2006. The Company does not intend to publicly release any revisions to these forward-looking statements to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events.

For more information, visit our web site at www.intisoid.com

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I³ International Isotopes Inc

FOR IMMEDIATE RELEASE:
June 4, 2008

For More Information, Contact:
Steve Laflin, President and CEO
(208) 524-5300

INTERNATIONAL ISOTOPES INC. ANNOUNCES PLANS TO BUILD A URANIUM ENRICHMENT TAILS PROCESSING FACILITY

The Company's Facility Will Fill An Important Need Facing Uranium Enrichment Providers.

Idaho Falls, ID. June 4, 2008 - International Isotopes Inc. (OTC Bulletin Board: INIS) is pleased to announce plans to construct a commercial facility to process depleted uranium hexafluoride (UF₆) tails from commercial uranium enrichment operations.

The facility will use INIS's patented Fluorine Extraction Process (FEP) technology to convert the tails into readily disposable forms and in the process produce high-value specialty fluoride gases for use in the fabrication of microelectronics and in other applications. By using enrichment plant tails to generate valuable products, INIS's plant will offer a near-term, economical, and environmentally friendly solution for commercial depleted UF₆ management.

During the uranium enrichment process, uranium in the form of UF₆ is enriched in the isotope U-235 to produce nuclear fuel. Approximately 90% of the UF₆ that goes into the enrichment facility becomes "depleted" and emerges as UF₆ "tails". By volume, depleted UF₆ from the enrichment process is the largest waste component of the entire nuclear fuel cycle. Depleted UF₆ cannot be disposed of directly, but must be converted into disposable waste forms. There are no facilities in the U.S. today that can convert depleted UF₆ tails. The Company's facility will fill an important need facing commercial uranium enrichment providers.

USEC, Louisiana Energy Services (LES), AREVA, and General Electric have all either announced plans to build, or are building, new nuclear fuel enrichment facilities in the United States. If and when these facilities are completed, at their initial stated capacity, they will produce approximately 60 million pounds of depleted UF₆ tails each year.

INIS's facility will employ a two-step conversion process. The first step involves the conversion of UF₆ to UF₄ using equipment the Company recently acquired. The UF₄ will then be used as the raw material for the second step, which employs the Company's patented FEP technology. International Isotopes' Fluorine Products Division (FPD) acquired seven patents for the FEP in January 2004, and since late 2006 has been using the technology in a pilot plant to produce high purity germanium tetrafluoride. FEP "mines" the depleted UF₄ by separating the fluorine from the uranium. The outputs of the planned facility will be significant volumes of high purity, high value fluoride gases

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and uranium oxide – which can be readily disposed as low-level waste. Depleted UF₆ conversion, using the Company's patented FEP technology, is the most environmentally friendly and only economic solution for depleted UF₆ tails. Since UF₄ is the feed material for the FEP, the Company plans to develop a "for fee" de-conversion service for commercial fuel-enrichment companies to convert their depleted UF₆ into UF₄ and then use the UF₄ from that process to run FEP and produce several high purity fluoride gases. This will provide the enrichment companies and the nuclear industry with a complete depleted UF₆ solution. The enrichment firms will be relieved of the costs of constructing their own de-conversion facilities, management and storage costs of depleted UF₆ cylinders, cost of stabilizing UF₆, and much of the transportation requirements as well. At the same time, the Company believes its conversion facility will provide a more acceptable solution for the environment, communities, and governments. INIS believes using this method of uranium processing together with FEP is a very "green" solution to the disposal of this form of uranium.

Steve T. Laflin, President and Chief Executive Officer of INIS, stated, "This announcement today marks the culmination of over three years of development work and is a major step in our new, strategic business plan and our intent to become the nation's first, and only, commercial provider of UF₆ depleted uranium processing. I believe we have the infrastructure in place to fully execute this business opportunity.

"Since 2006, we have been constructing and scaling up operations in our FEP pilot plant located outside Idaho Falls, ID for production of germanium tetrafluoride, a product being used for cutting edge development of certain microelectronics applications useful to the wireless industry. Our plant is now running on a continual basis and is in the process of completing initial customer product qualifications. The initial development work completed in the plant will support design of the FEP component within the larger uranium conversion plant.

"This production process is an excellent example of environmentally sound recycling. We will be chemically stabilizing depleted uranium tails into a safer form and reducing its volume while at the same time recovering products that are required to manufacture everything from computer chips to cell phones.

"The Company plans to begin hiring personnel and put subcontracts in place to carry out engineering design, licensing, site studies, and environmental reviews. The Company submitted a letter of intent to the U.S. Nuclear Regulatory Commission in March 2008, informing them of the Company's intent to begin submitting license applications in early 2009. The location of the new facility has not yet been determined.

"The Company will narrow its search for suitable locations in the coming weeks and months as part of our site location review process. International Isotopes estimates about 100 people will be required for construction and the plant would eventually have 30-50 full time employees.

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"International Isotopes has an excellent history of safe operations, having been only the seventh business in Idaho to have received OSHA's SHARP award - OSHA's most significant safety award for small business.

"We will continue our strong emphasis on safety with this new facility. International Isotopes is keenly sensitive to environmental issues and is committed to being a safe, clean, green, and welcomed addition to the community in what ever location we eventually choose for this new opportunity," concluded Laflin.

About International Isotopes Inc.

International Isotopes Inc. manufactures a full range of nuclear medicine calibration and reference standards, high purity fluoride gases, and a variety of cobalt-60 products such as teletherapy sources. The Company also provides a wide selection of radioisotopes and radiochemicals for medical devices, calibration, clinical research, life sciences, and industrial applications and provides a host of analytical, measurement, recycling, and processing services on a contract basis to clients.

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-END-

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FOR IMMEDIATE RELEASE:
June 4, 2008

For More Information, Contact:
Steve Laflin, President and CEO
(208) 524-5300

INTERNATIONAL ISOTOPES INC. ANNOUNCES THE ACQUISITION OF DEPLETED URANIUM HEXAFLUORIDE DECONVERSION ASSETS

Idaho Falls, ID. June 4, 2008 - International Isotopes Inc. (OTC Bulletin Board: INIS) is pleased to announce the completion of an asset purchase agreement with Sequoyah Fuels Corporation (SFC) to acquire certain intellectual property and equipment related to an idled depleted uranium hexafluoride (DUF₆) to depleted uranium tetrafluoride (DUF₄) deconversion facility.

Consideration for the assets has been paid in full. The equipment will be disassembled and removed from the facility for re-construction at another location yet to be determined by the Company, subject to approval of the Nuclear Regulatory Commission. The SFC asset purchase agreement includes equipment and engineering design, drawings, procedures, software, licensing documents, and related know-how for construction and operation of a DUF₆ to DUF₄ deconversion facility. INIS plans to incorporate best available technology into this proven plant design and construct a new, state of the art, environmentally-focused, plant that will have the dual purpose of stabilizing DUF₆ tails and providing DUF₄ feed for the Company's Fluorine Extraction Process (FEP).

Steve T. Laflin, President and Chief Executive Officer of INIS stated, "This acquisition is a significant component of our overall strategic business plan. Procurement of these assets will accelerate our implementation of this plan by about one year and save our shareholders millions of dollars in start-up expenses. We are pleased about this transaction because DUF₄ is the feedstock material for our patented FEP."

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International Isotopes Inc. manufactures a full range of nuclear medicine calibration and reference standards, high purity fluoride gases, and a variety of cobalt-60 products such as teletherapy sources. The Company also provides a wide selection of radioisotopes and radiochemicals for medical devices, calibration, clinical research, life sciences, and industrial applications and provides a host of analytical, measurement, recycling, and processing services on a contract basis to clients.

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