

February 19, 2015

Mr. John Miller
Radiation Safety Officer
International Isotopes Inc.
4137 Commerce Circle
Idaho Falls, ID 83401

SUBJECT: ISSUANCE OF AMENDMENT NO. 2, ISSUANCE OF LICENSE CONDITION NO. 21 AND SAFETY EVALUATION REPORT OF INTERNATIONAL ISOTOPES LICENSE AMENDMENT REQUEST TO U.S. NUCLEAR REGULATORY COMMISSION LICENSE SUB-1587

Dear Mr. Miller:

By letter dated June 25, 2013, the licensee, International Isotopes, Inc. (INIS), submitted a license amendment request for Materials License SUB-1587 (Agency Documents Access and Management System (ADAMS) Accession No. ML13178A215) to the U.S. Nuclear Regulatory Commission (NRC). The licensee requested the NRC's authorization to: (1) remove Building 1359 as an authorized location of use from License Condition 9; (2) to limit authorized activities to possession and storage only in License Condition 10; and (3) to remove the requirement to maintain a site security plan from License Condition 19. The NRC's staff review of the application resulted in a request for additional information dated March 10, 2014 (ADAMS No. ML14045A145). INIS responded on March 25, 2014 (ML14087A157).

The NRC staff has completed its review of the license application and has determined that it provides reasonable assurance that the decommissioning of Building 1359 of the Idaho facility was carried out in accordance with NRC regulations. The Safety Evaluation Report in Enclosure 1 documents that review. The staff has concluded that the requests within this amendment are reasonable, and do not increase the risk to public health and safety. Therefore, NRC will amend Materials License SUB-1587 (Enclosure 2). License Condition 10 will be modified to only authorize INIS to perform decommissioning activities under NRC License SUB-1587. In addition, License Condition 19 will be removed as to not require INIS to comply with a site security plan. License Condition 11 was modified to reflect the re-organization of the Office of Nuclear Materials Safety and Safeguards. Furthermore, License Condition 21 was added to ensure activities related to this facility will be carried out according to submitted documentation.

If you have any questions regarding either this letter or the enclosures, please contact Maria Guardiola of my staff at (301) 287-9118, by e-mail at maria.guardiola@nrc.gov.

J. Miller

-2-

In accordance with 10 CFR 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter and the enclosures will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of 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).

Sincerely,

/RA/

Brian W. Smith, Chief
Enrichment and Conversion Branch
Division of Fuel Cycle Safety, Safeguards,
and Environmental Review
Office of Nuclear Material Safety
and Safeguards

Docket No.: 40-9058
License No.: SUB-1587

Enclosures:

1. Safety Evaluation Report
2. Amended License

J. Miller

-2-

In accordance with 10 CFR 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter and the enclosures will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of 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).

Sincerely,

/RA/

Brian W. Smith, Chief
Enrichment and Conversion Branch
Division of Fuel Cycle Safety, Safeguards,
and Environmental Review
Office of Nuclear Material Safety
and Safeguards

Docket No.: 40-9058
License No.: SUB-1587

Enclosures:

1. Safety Evaluation Report
2. Amended License

DISTRIBUTION:

TLiu , NMSS REvans, RGN IV RKellar, RGN IV VKurian, FSME
JHammelman, NMSS

ML14169A173

OFC	FCSS/CDMB	FCSS	FCSS/FMB	FSME	OGC	FCSE/ECB
NAME	MGuardiola	DMiller	RJohnson	MNorato	AGendelman	BSmith
DATE	6/26/14	6/26/14	7/2/14	7/7/14	2/6/15	2/19/15

OFFICIAL RECORD COPY