



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

August 6, 2014

Mr. Robin DeLaBarre  
Office of Nuclear Energy,  
Safety & Security Affairs, Room 3320 HST  
Bureau of International Security & Nonproliferation  
U.S. Department of State  
2201 C Street, N.W.  
Washington, D.C. 20520

Dear Mr. DeLaBarre:

Enclosed for your information are reports which list all 10 CFR Part 110 Non-Appendix P U.S. Nuclear Regulatory Commission export and import cases which were completed and received during the month of July 2014.

In summary, nine cases were completed and two license applications or amendment requests were received in July 2014. It should be noted that as of the date of this letter, 23 cases are still pending.

The Office of International Programs will continue our review of the existing pending cases that do not require Executive Branch views. We understand that for most of the pending cases listed in the report, the Executive Branch is waiting for foreign government assurances as required by the Atomic Energy Act of 1954, as amended by the Nuclear Non-Proliferation Act of 1978.

Sincerely,

A handwritten signature in cursive script, appearing to read "Brooke G. Smith".

Brooke G. Smith, Acting Deputy Director  
Office of International Programs

Enclosure:  
July 2014 Reports

cc:

P. Dessales, DOE/NMMSS  
R. Goorevich, DOE/NNSA  
K. Strangis, DOE/NNSA  
K. Kessler, UNVIE  
A. Sunshine, UNVIE

S. Clagett, DOC  
J. Norles, DOE/NNSA  
E. Sauls, DTRA  
C. Baugues, DHS/CBP

**NRC Non-Appendix P Licensing Actions Completed From 07/01/20 to 07/31/201**

License Number	Applicant	Commodity	Destination	End Use	Date Completed	Status
XCOM1273/01	ATI Wah Chang d/b/a ATI Specialty Alloys and Components	Zircaloy TREX tubes - 12,650 kg	Argentina	Amend to: 1) add Carem-25 as additional ultimate- consignee; 2) incr qnty to 25,300 kgs; & 3) ext exp date to 12/31/2016	07/18/2014	Issued
XCOM1282/01	ATI Wah Chang d/b/a ATI Specialty Alloys and Components	Zircaloy 4 Trex Tubes - 0	Canada, China	Amend to change licensee company name to ATI Wah Chang d/b/a ATI Specialty Alloys and Components	07/01/2014	Issued
XMAT417/02	Sigma-Aldrich Corporation	Deuterium compounds - 3,000 kg	China	Amend to: 1) incr quantity from 3,000 kg to 6,000 kg; 2) revise the address of one ultimate consignee; & 3) ext exp date to 1/1/2022	07/23/2014	Issued
XMAT422/01	Cambridge Isotope Laboratories, Inc.	Deuterium gas, oxide, compounds - 0	China	Amend to update the list of intermediate foreign consignees	07/01/2014	Issued
XMAT426/01	Cambridge Isotope Laboratories, Inc.	Deuterium compounds - 0	United Arab Emirates	Amend to add an intermediate consignee	07/10/2014	Issued
XMAT432	Matheson Tri-Gas, Inc.	Deutrium (heavy hydrogen) - 782 kg	Singapore	For use in semiconductor fabrication process - Globalfoundries Singapore Pte., Ltd.	07/23/2014	Issued
XSNM3611/02	Mitsui & Co. (U.S.A.), Inc.	LEU, 4.95% as UO2 - 0	Japan	Amend to ext exp date to 12/31/2024	07/01/2014	Issued
XSNM3749/01	Department of Energy - Oak Ridge	LEU, 19.95%, as broken metal - 0	South Korea	Amend to update address of ultimate consignee & replace one of the other parties	07/01/2014	Issued
XSOU8780/06	AREVA NP, Inc.	Nat U, as UF6 - 0	France, Germany, Netherlands, United Kingdom	Amend to: 1) change licensee name and address, 2) add an ultimate foreign consignee, & 3) ext exp date to 8/31/2015	07/15/2014	Issued

**NRC Non-Appendix A License Applications Received From 7/1/2014 to 7/31/2014**

License Number	Applicant	Commodity	End Use	Destination	Date Received	NStatus
XMAT429/01	Matheson Tri Gas, Inc.	Deuterium Gas - 400 kg	Amend to: 1) incr qnty from 2,400 kgs to 2,800 kgs; 2) add 1 entity in ROK and 2 entities in Taiwan as additional ultimate foreign consignees; 3) add 1 entity in Taiwan as additional intermediate consignees; & 4) ext exp date to 12/31/2018.	Republic of Korea	07/15/2014	Pending
XSNM3672/02	Department of Energy/NN	LEU, 19.95%, as broken metal - 0 kg	Amend to update the list of "Other U.S. Party(ies) to Export"	Canada	07/17/2014	Pending

NRC Non- Appendix P Export/Import Licensing Actions Pending For Thursday, August 07, 2014

**License Number** IW031      **Applicant** Perma-Fix Northwest, Inc.      **Commodity** Radwaste, combustible & non-combustible material contaminated byproduct, source & special nuclear material - 500 tons      **Status** Pending

**End Use** Volume reduction through thermal destruction & return of ash & non-conforming materials under XW019      **Date of Application** 02/14/2012      **Date Received** 02/16/2012

**Date to EB** 01/24/2012      **Date From EB**      **Destination**

**License Number** XB1330      **Applicant** MP Biomedicals LLC      **Commodity** Iodine-125, Co-57      **Status** Pending

**End Use** For laboratory diagnosis - various laboratories and hospitals      **Date of Application** 11/14/2013      **Date Received** 12/03/2013

**Date to EB** 12/13/2013      **Date From EB**      **Destination** Iran

**License Number** XCOM1244      **Applicant** Transco Products, Inc.      **Commodity** Thermal insulation      **Status** Pending

**End Use** For use on reactor vessel - Changjiang 1 & 2      **Date of Application** 03/13/2012      **Date Received** 03/27/2012

**Date to EB** 03/29/2012      **Date From EB**      **Destination** China

**License Number** XCOM1268      **Applicant** Technetics Group Columbia      **Commodity** Reactor pressure vessel seals, clips, & screws      **Status** Pending

**End Use** For use at Qinshan 1      **Date of Application** 06/10/2013      **Date Received** 06/13/2013

**Date to EB** 06/13/2013      **Date From EB**      **Destination** China

---

**License Number** XCOM1274    **Applicant** Holtec International    **Commodity** Reactor coolant pump heat exchanger - 2    **Status** Pending

**End Use** For cooling primary-side water in reactor coolant pump motor - Shandon Nuclear Power Company Ltd.    **Date of Application** 11/19/2013    **Date Received** 11/20/2013

**Date to EB** 11/22/2013    **Date From EB**    **Destination** China

---

**License Number** XCOM1278    **Applicant** Technetics Group Columbia    **Commodity** Reactor pressure vessel seal sets - 10    **Status** Pending

**End Use** For use at Lufeng 1    **Date of Application** 02/11/2014    **Date Received** 02/14/2014

**Date to EB** 02/21/2014    **Date From EB**    **Destination** China

---

**License Number** XCOM1279    **Applicant** Technetics Group Columbia    **Commodity** Reactor pressure vessel seal sets - 10    **Status** Pending

**End Use** For use at Lufeng 2    **Date of Application** 02/11/2014    **Date Received** 02/14/2014

**Date to EB** 02/21/2014    **Date From EB**    **Destination** China

---

**License Number** XCOM1280    **Applicant** Technetics Group Columbia    **Commodity** Reactor pressure vessel seal sets - 20    **Status** Pending

**End Use** For use at Haiyang 3 & 4    **Date of Application** 02/11/2014    **Date Received** 02/14/2014

**Date to EB** 02/21/2014    **Date From EB**    **Destination** China

---

**License Number** XCOM1284    **Applicant** ATI Specialty Alloys & Components    **Commodity** Zircaloy 4 Trex tubes - 30,800 kg    **Status** Pending

**End Use** Fuel bundles - Qinshan Nuclear Power Plant    **Date of Application** 05/09/2014    **Date Received** 05/13/2014

**Date to EB** 05/23/2014    **Date From EB**    **Destination** China

---

---

<b>License Number</b> XMAT424	<b>Applicant</b> GrafTech International Holdings Inc.	<b>Commodity</b> Nuclear Grade Graphite - 40,000 kg	<b>Status</b> Pending
<b>End Use</b> Testing for use in Molten Salt type reactors - Shanghai Institute of Applied Physics & Chinese Academy of Sciences	<b>Date of Application</b> 06/26/2012	<b>Date Received</b> 06/27/2012	
<b>Date to EB</b> 07/06/2012	<b>Date From EB</b>	<b>Destination</b> China	

---

<b>License Number</b> XMAT429/01	<b>Applicant</b> Matheson Tri Gas, Inc.	<b>Commodity</b> Deuterium Gas - 400 kg	<b>Status</b> Pending
<b>End Use</b> Amend to: 1) incr qnty from 2,400 kgs to 2,800 kgs; 2) add 1 entity in ROK and 2 entities in Taiwan as additional ultimate foreign consignees; 3) add 1 entity in Taiwan as additional intermediate consignees; & 4) ext exp date to 12/31/2018	<b>Date of Application</b> 07/01/2014	<b>Date Received</b> 07/15/2014	
<b>Date to EB</b>	<b>Date From EB</b>	<b>Destination</b> Republic of Korea	

---

<b>License Number</b> XR177	<b>Applicant</b> Curtiss-Wright Electro-Mechanical Corporation	<b>Commodity</b> Reactor coolant pumps & associated equipment	<b>Status</b> Pending
<b>End Use</b> Construction, maintenance & operation of eight 900 to 1500 Mwe PWRs - Sanmen, Haiyang, Lufeng, Xudapu	<b>Date of Application</b> 08/28/2013	<b>Date Received</b> 09/30/2013	
<b>Date to EB</b> 09/05/2013	<b>Date From EB</b>	<b>Destination</b> China	

---

<b>License Number</b> XSNM3586	<b>Applicant</b> Nukem, Inc.	<b>Commodity</b> LEU & Nat U, 19.5% in various forms - 200,000 kg	<b>Status</b> Pending
<b>End Use</b> Use in commercial nuclear power stations in U.S. &/or other countries not restricted from receiving US oblig-matls - Ulba Metallurgical Plant	<b>Date of Application</b> 04/28/2009	<b>Date Received</b> 05/07/2009	
<b>Date to EB</b> 05/12/2009	<b>Date From EB</b>	<b>Destination</b> Kazakhstan	

---

**License Number** XSNM3672/02 **Applicant** Department of Energy/NNSA **Commodity** LEU, 19.95%, as broken metal - 0 kg **Status** Pending  
**End Use** Amend to update the list of "Other U.S. Party(ies) to Export" **Date of Application** 07/07/2014 **Date Received** 07/17/2014  
**Date to EB** **Date From EB** **Destination** Canada

---

**License Number** XSNM3751 **Applicant** Thermo Fisher Scientific **Commodity** HEU, 94.0% in fission chambers - 0.060 kg **Status** Pending  
**End Use** For neutron flux monitoring systems - Shin-Kori 4 and Shin-Wolsong 1 & 2. **Date of Application** 05/01/2014 **Date Received** 04/07/2014  
**Date to EB** 05/08/2014 **Date From EB** **Destination** South Korea

---

**License Number** XSNM3752 **Applicant** U.S. Department of Energy/NNSA **Commodity** HEU, 93.35% as metal - 7.5 kg **Status** Pending  
**End Use** Target material for Mo-99 medical isotope production - NRU Reactor **Date of Application** 04/23/2014 **Date Received** 04/28/2014  
**Date to EB** 05/09/2014 **Date From EB** 07/14/2014 **Destination** Canada

---

**License Number** XSNM3754 **Applicant** Thermo Fisher Scientific **Commodity** HEU, 94%, contained in fission chambers - 0.188 kg **Status** Pending  
**End Use** For use in neutron flux monitoring systems - Barakah 1,2,3 & 4 **Date of Application** 06/20/2014 **Date Received** 06/23/2014  
**Date to EB** 06/25/2014 **Date From EB** **Destination** United Arab Emirates

---

---

**License Number** XSOU878/04    **Applicant** UrENCO, Inc.    **Commodity** Nat U, as UF6 - 10,000,000 kg    **Status** Pending  
**End Use** Amend to: 1) inc qty of Na UF6 from 52,000,000 kg to 62,000,000 kg; 2) update the information on foreign obligations listed on the license; and 3) ext exp date to 12/31/2017    **Date of Application** 08/04/2014    **Date Received**  
**Date to EB**    **Date From EB**    **Destination** United Kingdom, Germany, Netherlands

---

**License Number** XSOU8832    **Applicant** Transport Logistics International, Inc.    **Commodity** Natural uranium hexafluoride (UF6) - 32,200,000 kgs    **Status** Pending  
**End Use** For use as feed material - Techsnabexport    **Date of Application** 02/04/2014    **Date Received** 02/05/2014  
**Date to EB** 02/07/2014    **Date From EB**    **Destination** Russia

---

**License Number** XSOU8833    **Applicant** AREVA NP, Inc.    **Commodity** Depleted uranium dioxide (UO2) powder - 750,000 kg    **Status** Pending  
**End Use** For mixed oxide fuel production activities - AREVA's Melox facility in France    **Date of Application** 03/24/2014    **Date Received** 03/24/2014  
**Date to EB** 05/28/2014    **Date From EB** 07/23/2014    **Destination** France

---

**License Number** XSOU8834    **Applicant** Transport Logistics International, Inc.    **Commodity** Natural uranium hexafluoride (UF6) - 1,800,000 kgs    **Status** Pending  
**End Use** Feed Material - China Nuclear Energy Industry Corporation    **Date of Application** 03/28/2014    **Date Received** 04/18/2014  
**Date to EB** 05/05/2014    **Date From EB**    **Destination** China

---

**License Number** XSOU8835    **Applicant** AREVA NP, Inc.    **Commodity** Natural uranium dioxide powder - 1,400 kg    **Status** Pending  
**End Use** Pelletizing test - Mitsubishi Nuclear Fuel Co., Ltd.    **Date of Application** 04/25/2014    **Date Received** 04/28/2014  
**Date to EB** 05/05/2014    **Date From EB**    **Destination** Japan

---



---

<b>License Number</b> XW019	<b>Applicant</b> Perma-Fix Northwest, Inc.	<b>Commodity</b> Radwaste, ash, & non-conforming materials under IW031	<b>Status</b> Pending
<b>End Use</b> Return of waste resulting from processing imported materials to the generator for storage or disposal - Laguna Verde	<b>Date of Application</b> 02/14/2012	<b>Date Received</b> 02/16/2012	
<b>Date to EB</b> 02/24/2012	<b>Date From EB</b>	<b>Destination</b> Mexico	