

# UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

January 12, 2017

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

Dear Mr. DeLaBarre:

Enclosed for your information are the reports listing the Title 10 of the *Code of Federal Regulations*, Part 110 Non-Appendix P, U.S. Nuclear Regulatory Commission export and import licensing actions completed and applications received during the month of December 2016. In summary, one licensing action was completed and five license applications were received. As of the date of this letter, 41 Non-Appendix P export and import cases are pending. The Office of International Programs will continue its review of the existing pending cases that do not require Executive Branch views.

Sincerely.

David L. Skeen, Deputy Director Office of International Programs

Enclosure:

December 2016 Reports

## NRC Non-Appendix P License Applications Received From 12/01/2016 to 12/31/2016

License Number	Applicant	Commodity	End Use	Destination	Date Received	Status
XMAT422/02	Cambridge Isotope Laborat	Deuterium gas, oxide, compounds - 0	Amend to: 1) add intermediate and ultimate foreign consignees to the license; 2) name and address change of ultimate consignee; and 3) extend date of expiration to 1/1/22	China	12/29/2016	Pending
XSNM3398/05	Global Nuclear Fuel - Amer	LEU, 5.00 %, as UO2 powder - 150,000 kg	Amend to: 1) incr qty frm 300,000 kg U to 450,000 kg U; and 2) change the date of expiration from 12/31/16 to 12/31/20	Spain	12/08/2016	Pending
XSNM3770/01	Edlow Intenational Co.	LEU, 19.80%, as metal - 0	Fuel for R&D - BR-2 Reactor	Belgium	12/19/2016	Pending
XSOU8774/06	Materion Advanced Chemi	Thorium, various forms - 0	Amend to extend date of expiration from January 1, 2017 to January 1, 2027	Japan	12/05/2016	Pending
XSOU8841	Materion Advanced Chemi	Thorium, as thorium fluoride - 3013.2kg	for non-nuclear end uses	China	12/20/2016	Pending

# NRC Non- Appendix P Export/Import Licensing Actions Pending For 01/10/2017

License Number   IW022/05   App	olicant Perma-Fix Northwest, In	c. Comm		s contam metal, dry erial & liquids) - 0	Status Pending
End Use Amend to: 1) change conta extend date of expiration; 3 point of origin entity; and 4 waste classification	) change name of the	Date of Application	12/27/2016	Date Received	01/05/2017
Date to EB Date From	n EB Destination	on from Canada			
License Number IW029/01 App	plicant EnergySolutions Services	s, Inc. Comm	odity Radwaste, a active mate		Status Pending
End Use Amend to: 1) change the lic applicant's name; and 3) ex expiration to 12/31/2021		Date of Application	10/27/2016	Date Received	10/31/2016
Date to EB 11/18/2016 Date From	m EB Destination	on from Germany			
License Number NW031 App	Perma-Fix Northwest, In	Comm	combustible contaminate	ed byproduct, ecial nuclear	Status Pending
return of ash & non-conform		Date of Application	02/14/2012	Date Received	02/16/2012
66 6 9 10 10 10 10 10 10 10 10 10 10 10 10 10	THE RESIDE OF TH	n from Mexico		No. of the second of the second	

License Number IW034 Applicant UniTech Serv	ices Group, In	Comm		s tools, metals, and materials - 10,000	Status Pending
End Use Laundering and decontamination of protective clothing and related products used at nuclear power plants in Canada. The residual material from dissolving and decontamination will be returned to Canada under the associated export license XW023.		Date of Application	10/20/2016	Date Received	10/27/2016
Date to EB 11/10/2016 Date From EB	Destination	from Canada			
License Number XB1310/06 Applicant Leidos, Inc.		Comm	SHF-4 gauge measuring i	d sources in Ohmart es & 100 radiation nstruments - each 0.25-9 TBq of Cs-137	Status Pending
End Use extend the date of exp to December 31, 2021		<b>Date of Application</b>	08/19/2016	Date Received	10/24/2016
Date to EB 11/07/2016 Date From EB	Destination	Iraq			- <u>-</u> -
License Number   XCOM1111/03   Applicant   Westinghous	e Electric Con	npany, LLC Comm	odity Component	s in App A (5) - (11)	Status Pending
End Use Amend to: 1) Update 10 CFR language to include App A (5) - (11), 2) change licensee POC, 3) include additional Intermediate and Ultimate consingeer and 4) extend the date of expiration from July 23 2015 to July 23, 2035	de s,	Date of Application	06/11/2015	Date Received	12/28/2015
Date to EB 02/08/2016 Date From EB	Destination	China			and the second s
		L.			

License Number Acc	OM1187/02 Applicant Sulzer	Pumps (US), Inc.	Comm		mary Heat umps & Shutdown nps; replacement *	Status Pending
End Use Amend to:	1)	*	Date of Application	12/01/2016	<b>Date Received</b>	
Date to EB	Date From EB	Destination	;			
License Number XCC	DM1232/01 Applicant ENERTI	ECH, a business unit Flow Control Corp.	of Curtiss-	odity 160 Check v	alves and spare	Status Pending
consignees; consignees, quantity; ar	1) add two intermediate foreig ; 2) add two additional ultimate ; 3) increase the value/spare pa nd 4) extend the date of expirat ;5 to July 30, 2020.	e foreign orts	Date of Application	02/24/2015	Date Received	04/06/2015
Date to EB 04/09/	2015 Date From EB	Destination	China			
	2015 Date From EB  OM1256/02 Applicant Kingsb			odity Reactor coo top & botto assemblies	m bearing	Status Pending
License Number XCC  End Use Amend to: change lice		ury, Inc. ped; 2)		top & botto	m bearing	<b>Status</b> Pending 11/21/2016
License Number XCC  End Use Amend to: change licenters of the second sec	OM1256/02 Applicant Kingsbi 1) increase quantity being ship nse POC; and 3) extend date of	ury, Inc. ped; 2)	Comm	top & botto assemblies	m bearing - 22	
End Use Amend to: change lice expiration f	20M1256/02 Applicant Kingsbo 1) increase quantity being ship nse POC; and 3) extend date of from 12/31/16 to 12/31/21 2016 Date From EB	ury, Inc. ped; 2)	Date of Application  China	top & botto assemblies	m bearing - 22 Date Received ssure vessel seals,	
License Number XCC  End Use Amend to: change licenter expiration f	20M1256/02 Applicant Kingsbir 1) increase quantity being ship nse POC; and 3) extend date of from 12/31/16 to 12/31/21 2016 Date From EB	ped; 2)  Destination	Date of Application  China	top & botto assemblies 11/15/2016  odity Reactor pre	m bearing - 22 Date Received ssure vessel seals,	11/21/2016

License Number XCOM1284 Applicant ATI Specialty Alloys 8				rex tubes - 30,800 kg	
End Use Fuel bundles - Qinshan Nuclear Power Plant	Date of App	olication	05/09/2014	Date Received	05/13/2014
Date to EB 05/23/2014 Date From EB Destin	ation China				
License Number XCOM1286/01 Applicant Scientech, a business Wright Flow Control		Commo	diaphragm s consoles, ar replacemen	rator nozzle dams, seals, control scillary equipment, t and spare parts, technology and s	Status Pending
End Use This license is amended to: 1) include an additional ultimate foreign consignee; 2) additional other U.S. parties to the export; 3) increase the	Date of App	olication	04/01/2016	Date Received	04/14/2016
total dollar value of equipment; and 4) change the licensee point of contact.					
licensee point of contact.	ation China				
licensee point of contact.  Date to EB 05/06/2016 Date From EB Destin		Comm	odity RPV Seal Se Screws - Mu		Status Pending
licensee point of contact.  Date to EB 05/06/2016 Date From EB Destin					<b>Status</b> Pending 09/15/2014
licensee point of contact.  Date to EB 05/06/2016 Date From EB Destination  License Number XCOM1287 Applicant Technetics Group Co  End Use For use at State Nuclear Power Demonstration  Plant	lumbia  Date of App		Screws - Mu	ıltiple	Status   Pending   09/15/2014
licensee point of contact.  Date to EB 05/06/2016 Date From EB Destination  License Number XCOM1287 Applicant Technetics Group Co  End Use For use at State Nuclear Power Demonstration  Plant	Date of Apparation China	olication	Screws - Mu	Date Received  ts, Clips and	09/15/2014
licensee point of contact.  Date to EB 05/06/2016 Date From EB Destination  License Number XCOM1287 Applicant Technetics Group Co  End Use For use at State Nuclear Power Demonstration  Plant  Date to EB 09/26/2014 Date From EB Destination	Date of Apparation China	Comm	Screws - Mu 09/11/2014  odity RPV Seal Se	Date Received  ts, Clips and	

License Number XCOM1294 Applicant ENERTECH, a busine Wright Flow Contro			or components (10 0 Appendix A 5-11)	Status Pending
End Use For use at Qinshan I, 1; Qinshan II, 1-4; & Qinshan III, 1-2	Date of Application	07/10/2015	Date Received	07/20/2015
Date to EB 08/14/2015 Date From EB Destin	nation China			
License Number XCOM1304 Applicant AREVA Inc.	Comm		Core Detector and Reactor Internal plers - \$30 million	Status Pending
End Use Plant installation - Fangchenggang NPP 3 and 4	Date of Application	03/02/2016	Date Received	04/13/2016
Date to EB 04/21/2016 Date From EB Destin	nation China	-		
License Number XMAT412/02 Applicant Linde Electronics an		odity Deuterium	Gas - 3000 kg	Status Pending
	d Specialty Gases, a s North America LLC  Date of Application	<b>odity</b> Deuterium ( 06/15/2016	Gas - 3000 kg  Date Received	Status Pending
Division of Linde Ga  End Use Amend to: 1) Update applicant's address; 2) increase volume of gas being shipped; 3) remove an intermediate consignee; 4) add and change the name of an ultimate consignee; 5) extend the date of expiration to 12/31/2021	s North America LLC	a squar		
Division of Linde Ga  End Use Amend to: 1) Update applicant's address; 2) increase volume of gas being shipped; 3) remove an intermediate consignee; 4) add and change the name of an ultimate consignee; 5) extend the date of expiration to 12/31/2021	Date of Application  China	a squar	Date Received	
Division of Linde Ga  End Use Amend to: 1) Update applicant's address; 2) increase volume of gas being shipped; 3) remove an intermediate consignee; 4) add and change the name of an ultimate consignee; 5) extend the date of expiration to 12/31/2021  Date to EB 10/14/2016 Date From EB Destin	Date of Application  China	06/15/2016	Date Received	10/03/2016

	nber XMAT422	2/02   Applicant	Cambridge Isotope Lab	oratories, Inc.	Commo	compounds		Status Pending
for	reign consigned Idress change o	d intermediate an es to the license; of ultimate consign opiration to 1/1/2	2) name and nee; and 3)	Date of App	ication	12/12/2016	Date Received	12/29/2016
Date to EB	01/06/2017	Date From EB	Destinati	on China				
icense Nun	nber XR169/02	Applicant	Westinghouse Electric (	Company, LLC	Commo	odity PWR, 900-15 (AP1000 des		Status Pending
Ex pa ad sit lic	port," 2) updat gragraphs 10 & Iditional units a tes for a total of tensee address,	ange name of "Otle 10 CFR language 11 of Appendix A, at both the Sanme four units at eac, and 5) extend the uly 23, 2015 to Ju	e to include , 3) include two n and Haiyang h site, 4) update e date of	Date of App	ication	06/11/2015	Date Received	07/06/2015
Date to EB	09/01/2015	Date From EB	Destinati	on China				
	nber XR177	Applicant	Curtiss-Wright Electro-I Corporation	Mechanical	Commo	Reactor cool associated e		Status Pending
License Nun				Date of App	ication	00/20/2012	Date Received	09/29/2013
End Use Co		iintenance & oper e PWRs - Sanmen,		Date of App		08/28/2013	Date Received	09/29/2013

License Number XSNM3034/02 Applicant Westinghouse	electric con		odity LEU, 5.00% a	is OO2 peliets	Status Pending
End Use Amend to: 1) include 2 addt'l units at Sanmen and Haiyang, 2) increase the qty of U-235, 3) change the licensee's address, 4) change the licensee POC, and 5) extend the date of exp to 7/31/2035		Date of Application	06/11/2015	Date Received	07/06/2015
Date to EB 08/28/2015 Date From EB	estination	China			
License Number XSNM3398/05 Applicant Global Nuclear	Fuel - Amei	ricas, L.L.C. Comm	odity LEU, 5.00 %, 150,000 kg	as UO2 powder -	Status Pending
End Use Amend to: 1) incr qty frm 300,000 kg U to 450,000 kg U; and 2) change the date of expiration from 12/31/16 to 12/31/20		Date of Application	11/28/2016	Date Received	12/08/2016
Date to EB 12/19/2016 Date From EB	estination	Spain			
License Number XSNM3586 Applicant Nukem, Inc.		Comm	odity LEU & Nat U forms - 200	•	Status Pending
End Use Use in commercial nuclear power stations in U.S. &/or other countries not restricted from receiving US oblig-matls - Ulba Metallurgical Plant		Date of Application	04/28/2009	Date Received	04/30/2009
Date to EB 05/12/2009 Date From EB	Destination	Kazakhstan		1	
None and the second of the sec	Flantain Com		adime UEII 02 100	/ ac II 225 224 a	Status Pending
License Number XSNM3702/01 Applicant Westinghouse	Electric Con		odity HEU, 93.199		
End Use Amend to: include 2 addt'l units at Sanmen and Haiyang, 2) add addt'l Ultimate Consignee, 3) increase qty of U-235, 4) increase no. of detectors and 5) extend date of exp. to 7/31/2035	,	Date of Application	06/11/2015	Date Received	07/06/2015
					ALCOHOLOGIC MANAGEMENT

License Number XSNM3765 Applicant Argonne	National Laborati	ory <b>Comm</b>	odity LEU, 19.99%	6 - 3.0 Kg	Status Pending
End Use Fuel Fabrication - CERCA	1	Date of Application	06/12/2015	<b>Date Received</b>	06/22/2015
Date to EB 07/06/2015 Date From EB	Destination	France			***************************************
License Number XSNM3769 Applicant Westing	house Electric Cor	mpany, LLC Comm	odity LEU, 7.5%, a	s uranium metal, 7	Status Pending
End Use Fabricating U metal into U2Si2 pellets - Nati Nuclear Lab. Springfields	onal	Date of Application	05/09/2016	Date Received	06/28/2016
Date to EB 07/06/2016 Date From EB 09/08/2	016 <b>Destination</b>	United Kingdom			
License Number XSNM3770/01 Applicant Edlow In	tenational Co.	Comm	odity LEU, 19.80%	5, as metal - 0	Status Pending
End Use Fuel for R&D - BR-2 Reactor		Date of Application	12/09/2016	<b>Date Received</b>	12/19/2016
Date to EB 12/21/2016 Date From EB	Destination	Belgium			
License Number XSNM3771 Applicant Edlow In for SCK-	_	any as Agent Comm		6, as fuel elements ron absorber, 144.0	Status Pending
End Use Reload fuel - BR-2 Reactor		<b>Date of Application</b>	05/18/2016	<b>Date Received</b>	06/03/2016
Date to EB 06/16/2016 Date From EB 12/06/2	016 Destination	Belgium			
License Number XSNM3774 Applicant Thermo	Fisher Scientific	Comm	odity HEU, 94.0% chambers -		Status Pending
End Use For neutron flux monitoring systems - Shida Units 1 and 2	owan	Date of Application	06/16/2016	Date Received	06/28/2016
Date to EB 10/31/2016 Date From EB	Destination	China			

License Number X	SNM3775 Applicant	Thermo Fisher	r Scientific	Comm	odity		Status Pending
(Units 1 a	utron flux monitoring sy: and 2), Hanbit (Units 1 an nits 1 and 2)			Date of Application	06/22/2016	Date Received	
Date to EB	Date From EB		Destination	Republic of Korea			
License Number X	SNM3776 Applicant	t <sub>,</sub> U.S. Departme	ent of Energy	/NNSA Comm	odity HEU, 93.359 broken met	•	Status Pending
End Use Medical i Radioele	sotope production - Insti ments	itute for	***************************************	Date of Application	07/14/2016	Date Received	07/21/2016
Date to EB 08/0	1/2016 Date From EB	11/23/2016	Destination	Belgium			
License Number X	SNM3777 Applicant	t U.S. Departme	ent of Energy	/NNSA Comm	odity HEU, 93.359 broken met		Status Pending
	num production - NRU 7/2016 Date From EB	11/23/2016	Destination	Date of Application Canada	09/09/2016	Date Received	09/27/2016
License Number X	SOU8774/06 Applicant	t Materion Adv	anced Chemi	cals, Inc. Comm	odity Thorium, va	rious forms - 0	Status Pending
	o extend date of expiration of January 1, 2027	on from January		Date of Application	10/21/2016	Date Received	12/05/2016
Date to EB 12/0	9/2016 Date From EB	AND THE RESIDENCE OF THE PARTY	Destination	Japan			** ************************************
License Number X	SOU8834 Applicant	t Transport Log	istics Interna	tional, Inc. Comm	odity Natural ura (UF6) - 1,80	nium hexafluoride 0,000 kgs	Status Pending
End Use Feed Ma Corporat	terial - China Nuclear Ene	ergy Industry		Date of Application	03/28/2014	Date Received	04/18/2014
141100010100000000000000000000000000000							

License Number XSOU8836 Applicant ConverDyn	Commodity Natural Uranium Hexafluoride Stat (UF6) - 2,000,000 kg	tus Pending
End Use For power for utility stations - China Nuclear Fuel Corporation	Date of Application 10/28/2014 Date Received 11/	/07/2014
Date to EB 02/12/2015 Date From EB Destination	on China	
License Number XSOU8841 Applicant Materion Advanced Che	micals, Inc. Commodity Thorium, as thorium fluoride - State 3013.2kg	tus Pending
End Use for non-nuclear end uses	Date of Application 10/19/2016 Date Received 12	/20/2016
Date to EB 01/06/2017 Date From EB Destination	on China	
	cativity material & liquids) - 0	Pending /29/2016
End Use Amend to: 1) change contact information; 2) extend date of expiration; 3) change name of the point of origin entity; and 4) remove a reference to	cativity material & liquids) - 0  Date of Application 06/27/2016 Date Received 06/	tus Pending /29/2016
End Use Amend to: 1) change contact information; 2) extend date of expiration; 3) change name of the point of origin entity; and 4) remove a reference to waste classification	cativity material & liquids) - 0  Date of Application 06/27/2016 Date Received Date Rece	/29/2016
End Use Amend to: 1) change contact information; 2) extend date of expiration; 3) change name of the point of origin entity; and 4) remove a reference to waste classification  Date to EB 08/01/2016 Date From EB Destination	cativity material & liquids) - 0  Date of Application 06/27/2016 Date Received 06,  on Canada  s, Inc. Commodity Radwaste, as hearth ash from incineration of dry active material - 0	

License Num	ber XW019	Applicant Perma-Fix	Northwest, Inc.	Commo	conforming IW031	sn, & non- materials under	Status Pending
im		resulting from processing als to the generator for storag Verde	ge or	Date of Application	02/14/2012	Date Received	02/16/2012
Date to EB	02/24/2012	Date From EB	Destination	Mexico			
License Nun	ber XW023	Applicant UnitTech S	ervices Group, I	nc. Commo	•	d waste consisting tals, and other solid	Status Pending
End Use for	land disposal	in the originating country		<b>Date of Application</b>	10/20/2016	Date Received	10/27/2016
		Date From EB		Canada			

## NRC Non-Appendix P Licensing Actions Completed From 12/01/20 to 12/31/201

License				Date		
Number	Applicant	Commodity	Destination	End Use	Completed Status	
XCOM1307	Materion Brush, Inc.	Beryllium reflector elements	Peru	for use as a reflector in the RP- 10 Peruvian Research Reactor	12/20/2016 Issued	

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

Dear Mr. DeLaBarre:

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Sincerely,

David L. Skeen, Deputy Director Office of International Programs

Enclosure:

DATE

December 2016 Reports

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