APPENDIX Z

International Activities:

LIST OF IMPORT AND EXPORT LICENSES ISSUED FOR 2018

License Number	Applicant	Docket Number
PXB114.05	Baker Hughes Oilfield Operations, Inc.	11006026
PXB11b.13	QSA Global, Inc.	11006092
PXB139.04	Schlumberger Technology	11006082
PXB147.01	ViewRay Inc.	11006338
PXB14b.07	Source Production & Equipment Co., Inc.	11006034
PXB178.02	JL Shepherd & Associates	11006117
PXB17b.11	Industrial Nuclear Co., Inc.	11006200
PXB1a.05	Weatherford International Inc. & Subsidiaries & Affiliate Companies	11006277
PXB208.02	Halliburton Energy Services, Inc.	11006226
PXB214.00	University of Wisconsin-Madison	11006269
PXB215a.00	ISOFLEX Radioactive, LLC	11006262
PXB215b.00	ISOFLEX Radioactive, LLC	11006262
PXb215b.01	ISOFLEX Radioactive, LLC	11006335
PXB216.00	Halliburton Energy Services, Inc.	11006285
PXB216.01	Halliburton Energy Services, Inc.	11006285
PXB217.00	Halliburton Energy Services, Inc.	11006287
PXB218.00	Ronan Engineering Company	11006288
PXB219.00	Halliburton Energy Services, Inc.	11006303
PXB221.00	NSSI/Sources & Services, Inc.	11006308
PXB222.00	International Isotopes Inc.	11006309
PXB3.09	Nordion (Canada) Inc.	11006070
PXB3.10	Nordion (Canada) Inc.	11006070
PXB6.23	Alpha-Omega Services, Inc.	11006027
PXB6.24	Alpha-Omega Services, Inc.	11006027
PXB6.25	Alpha-Omega Services, Inc.	11006027
PXB6.26	Alpha-Omega Services, Inc.	11006027
PXB6.27	Alpha-Omega Services, Inc.	11006027

Licenses under Appendix P to 10 CFR Part 110 ,"Export and Import of Nuclear Equipment and Material," support the use of radioactive sealed sources for a variety of medical, industrial, research, and educational activities. Some applicants have previously obtained a combined export/import license to allow export or import, use, resale, and import or export back to the supplier for recycling. These combined licenses are no longer appropriate and can no longer be amended going forward, given the authorization for imports of Appendix P materials under a general license (see 10 CFR 110.27, "General License for Imports"). These combined import/export licenses needing amendment are converted to export-only licenses. The 2010 changes to 10 CFR Part 110 generally necessitate specific licenses for only Appendix P Category 1 and 2 exports.

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APPENDIX Z

International Activities: (continued)

LIST OF IMPORT AND EXPORT LICENSES: NON-APPENDIX P

License Number	Applicant	Docket Number
IW009/03	AREVA Inc.	11005149
XB1334	Siemens Corporation for Siemens Medical Solutions USA, Inc.	11006251
XB1335	Philips North America, LLC	11006260
XB1338	U.S. Department of Energy, Oak Ridge National Laboratory	11006322
XCOM1187/02	Sulzer Pumps (US) Inc.	11005671
XCOM1202/01	AREVA, Inc.	11005788
XCOM1202/02	Framatome Inc.	11005788
XCOM1239/02	Louisiana Energy Services, LLC	11005981
XCOM1292/01	ATI Specialty Alloys & Components	11006186
XCOM1299/01	ATI Specialty Alloys & Components	11006218
XCOM1305/01	Materion Brush, Inc.	11006242
XCOM1310	Curtiss-Wright Corporation	11006263
XCOM1313	Materion Advanced Chemicals	11006274
XCOM1314	Mirion Technologies (IST) Corporation, Inc.	11006276
XCOM1318	Curtiss-Wright Corporation	11006305
XCOM1319	General Atomics	11006311
XCOM1325	Mirion Technologies (IST) Corporation	11006342
XCOM1326	Mirion Technologies (IST) Corporation	11006344
XMAT409/01	Cambridge Isotope Laboratories, Inc.	11005753
XMAT413/02	Linde Electronics and Speciality Gases, a Division of Linde Gas North America LLC	11005877
XMAT423/02	Linde Electronics and Specialty Gases, a Division of Linde Gas North America LLC	11006029
XMAT427/02	Airgas USA, LLC	11006088
XMAT429/02	Matheson Tri Gas, Inc.	11006116
XMAT433/01	Cambridge Isotope Laboratories, Inc.	11006181
XMAT440	Cambridge Isotope Laboratories, Inc.	11006292
XMAT441	Cambridge Isotope Laboratories, Inc.	11006293
XMAT442	Vertex Pharmaceuticals Incorporated	11006299
XMAT444	Vertex Pharmaceuticals Incorporated	11006300
XMAT445	Sigma Aldrich Co. LLC	11006306
XMAT446	Sigma Aldrich Co. LLC	11006307
XR135/08	GE-Hitachi Nuclear Energy Americas, LLC	11001075
XR177	Curtiss-Wright Electro-Mechanical Corporation	11006121
XSNM3066/06	Global Nuclear Fuel—Americas, LLC	11005081
XSNM3135/05	Global Nuclear Fuel—Americas, LLC	11005186
XSNM3471/02	AREVA Inc.	11005652
XSNM3551/02	AREVA Inc.	11005623
XSNM3551/03	Framatome Inc.	11005623
XSNM3697/02	Framatome Inc.	11005959
XSNM3722/03	TN Americas LLC	11006019
XSNM3747/02-R	AREVA Inc.	11006110
XSNM3747/03	Framatome Inc.	11006110
XSNM3763/02	Edlow International Company as Agent for ANSTO	11006195
XSNM3763/03	Edlow International Company as Agent for ANSTO	11006195
XSNM3776	U.S. Department of Energy/NNSA	11006241

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APPENDIX Z

International Activities: (continued)

LIST OF IMPORT AND EXPORT LICENSES: NON-APPENDIX P (continued)

License Number	Applicant	Docket Number
XSNM3780	AREVA Inc.	11006265
XSNM3780/01	Framatome Inc.	11006265
XSNM3781	AREVA, Inc.	11006276
XSNM3782	AREVA Inc.	11006288
XSNM3782/01	Framatome Inc.	11006288
XSNM3783	U.S. Department of Energy/NNSA	11006273
XSNM3784	Edlow International Company as an Agent for SCK CEN	11006275
XSNM3785	Global Nuclear Fuel—Americas, LLC	11006278
XSNM3786	Global Nuclear Fuel—Americas, LLC	11006279
XSNM3787	Global Nuclear Fuel—Americas, LLC	11006280
XSNM3788	U.S. Department of Energy	11006283
XSNM3790	U.S. Department of Energy	11006289
XSNM3792	U.S. Department of Energy Oak Ridge National Laboratory	11006297
XSNM3794	U.S. Department of Energy/NNSA	11006302
XSNM3795	U.S. Department of Energy/NNSA	11006315
XSNM3797	U.S. Department of Energy/NNSA	11006320
XSNM3798	Edlow Intenational Co.	11006327
XSNM3806	Thermo Fisher Scientific	11006341
XSNM3807	Transport Logistics International, Inc.	11006337
XSOU8707/06	MP Mine Operations LLC	11004455
XSOU8787/05	Urenco, Inc.	11005277
XSOU8789/07	ConverDyn	11005360
XSOU8798/07	RSB Logistic Inc.	11005445
XSOU8798/08	RSB Logistic Inc.	11005445
XSOU8798/09	RSB Logistic Inc.	11005445
XSOU8827/01	MP Mine Operations LLC	11005966
XSOU8842	Southern Ionics Minerals, LLC	11006256
XSOU8843	Manufacturing Sciences Corporation	11006271
XSOU8844	Southern Ionics Minerals, LLC	11006272
XSOU8845	ConverDyn	11006294
XSOU8846	ConverDyn	11006295
XSOU8846/01	ConverDyn	11006295
XSOU8847	ConverDyn	11006296
XSOU8848	Louisiana Energy Services, LLC	11006312
XSOU8851	Honeywell International, Inc.	11006336
XW008/05	Diversified Scientific Services, Inc. (DSSI)	11005323
XW015/01	AREVA Inc.	11005789
XW023	UniTech Services Group, Inc.	11006249

Non-Appendix P Components Guide

(XSNM) denotes export of special nuclear material (plutonium, uranium-233, or uranium enriched above 0.711 percent, by weight, in the isotope uranium-235).

(XCOM) denotes export of minor reactor components or other nuclear facility (e.g., nuclear fabrication) components under NRC jurisdiction (refer to 10 CFR Part 110, Appendix A, Items (5)–(9), for minor reactor components and Appendices B–K and N–O for other nuclear facility components).

(XSOU) denotes export of source material (natural or depleted uranium, thorium, a mixture of uranium and thorium other than special nuclear material, or certain ores [e.g., tantalum and niobium that contain, by weight, 0.05 percent or more of the aforementioned materials for nonnuclear end use]).

(XB) denotes export of byproduct material; refer to 10 CFR Part 110, Appendix L, for an illustrative list of byproduct materials under NRC jurisdiction.

(XR) denotes export of reactor equipment, refer to 10 CFR Part 110, Appendix A, Items (1)–(4).

(IW) denotes import of radioactive waste.

(XW) denotes export of radioactive waste.

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