

APPENDIX Z 

International Activities:

LIST OF IMPORT AND EXPORT LICENSES ISSUED FOR 2019: APPENDIX P

License Number	Applicant	Docket Number
PXB11b.14	QSA Global, Inc.	11006092
PXB12.03-C31	QSA Global, Inc.	11006073
PXB12.03-C32	QSA Global, Inc.	11006073
PXB12.03-C33	QSA Global, Inc.	11006073
PXB12.03-C34	QSA Global, Inc.	11006073
PXB12.03-C36	QSA Global, Inc.	11006073
PXB12.03-C37	QSA Global, Inc.	11006073
PXB147.01	ViewRay Inc.	11006338
PXB14a.08-C05	Source Production & Equipment Co., Inc.	11006200
PXB14a.08-C08	Source Production & Equipment Co., Inc.	11006200
PXB14b.08	Source Production & Equipment Co., Inc.	11006200
PXB169.03	Baker Hughes Oilfield Operations, Inc.	11006064
PXB178.02	JL Shepherd & Associates	11006117
PXB17b.12	Industrial Nuclear Co., Inc.	11006200
PXB216.01	Halliburton Energy Services, Inc.	11006285
PXB217.00	Halliburton Energy Services, Inc.	11008287
PXB219.01	Halliburton Energy Services, Inc.	11006303
PXB220.00	Baker Hughes Oilfield Operations, Inc.	11006304
PXB221.01	NSSI/Sources & Services, Inc.	11006308
PXB224.00	ISOFLEX Radioactive, LLC	11006318
PXB224.00-R	ISOFLEX Radioactive, LLC	11006318
PXB225.00	ISOFLEX Radioactive, LLC	11006325
PXB227.00	Weatherford International Inc. & Subsidiaries & Affiliate Companies	11006339
PXB228.00	Source Production & Equipment Co., Inc.	11006343
PXB229.00	Southwest Research Institute	11006351
PXB232.00	University of Miami Hospital and Clinics/Sylvester Comprehensive Cancer Center	11006366
PXB3.10-C02	Nordion (Canada) Inc.	11006070
PXB6.27	Alpha-Omega Services, Inc.	11006027
PXB6.27-C01	Alpha-Omega Services, Inc.	11006027
PXB6.28	Alpha-Omega Services, Inc.	11006027
PXB6.28-C01	Alpha-Omega Services, Inc.	11006027
PXB6.29	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 and import of U.S.-origin sources for return back to the U.S. supplier after the source has been used. These combined licenses are no longer being issued and can no longer be amended going forward, because such imports are authorized under a general license (see 10 CFR 110.27, "General license for imports," and paragraph (1) under the definition of "Radioactive Waste" in 10 CFR 110.2). 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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International Activities: (continued)

LIST OF IMPORT AND EXPORT LICENSES FOR 2019: NON-APPENDIX P

License Number	Applicant	Docket Number
XR177	Curtiss-Wright Electro-Mechanical Corporation	11006121
XSNM3066/06	Global Nuclear Fuel - Americas, L.L.C.	11005081
XSNM3135/05	Global Nuclear Fuel - Americas, L.L.C.	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 an Agent for ANSTO	11006195
XSNM3763/03	Edlow International Company as Agent for ANSTO	11006195
XSNM3776	U.S. Department of Energy/NNSA	11006241
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	CoverDyn	11006294
XSOU8846	CoverDyn	11006295
XSOU8846/01	ConverDyn	11006295
XSOU8847	ConverDyn	11006296
XSOU8848	Louisiana Energy Services, LLC	11006312



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International Activities: (continued)

LIST OF IMPORT AND EXPORT LICENSES FOR 2019: NON-APPENDIX P (continued)

License Number	Applicant	Docket Number
XSOU8851	Honeywell International, Inc.	11006336
XW008/05	Diversified Scientific Services, Inc. (DSSI)	11005323
XW015/01	AREVA Inc.	11005789
XW023	UniTech Services Group, Inc.	11006249
XR177	Curtiss-Wright Electro-Mechanical Corporation	11006121
XCOM1294	ENERTECH, a business unit of Curtiss-Wright Flow Control Corp.	11006207
XCOM1309	Curtiss-Wright Nuclear Division	11006259
XW008/05	Diversified Scientific Services, Inc. (DSSI)	11005323
XCOM1308	Holtec International	11006254
XSOU8844	Southern Ionics Minerals, LLC	11006272
XMAT439	Matheson Tri Gas, Inc.	11006281
XSNM3789	Louisiana Energy Services, LLC	11006286
XMAT422/03	Cambridge Isotope Laboratories, Inc.	11005997
XMAT443	Vertex Pharmaceuticals Incorporated	11006301
XCOM1318	Curtiss-Wright Corporation	11006305
XB1337	Thermo Gamma Metrics, LLC	11006313
XCOM1320	Schaeffler Aerospace USA Corporation	11006314
XMAT447	Halliburton Energy Services, Inc.	11006321
XSNM3797	U.S. Department of Energy/NNSA	11006320
XSNM3796	U.S. Department of Energy/NNSA	11006323
XB1338	U.S. Department of Energy, Oak Ridge National Laboratory	11006322
XSNM3805	Thermo Fisher Scientific	11006336
XSNM3799	Exelon Generation Company LLC	11006329
XSNM3806	Thermo Fisher Scientific	11006337
XB1331/01	SRB Technologies, Inc.	11006136
XSNM3807	Transport Logistics International, Inc.	11006337
XSOU8851	Honeywell International, Inc.	11006336
XMAT423/02	Linde Electronics and Specialty Gases, a Division of Linde Gas North America LLC	11006029
XSOU8846/01	ConverDyn	11006295
XCOM1305/01	Materion Brush, Inc.	11006242
XCOM1229/05	H.C. Starck, Inc.	11005849
XCOM1325	Mirion Technologies (IST) Corporation	11006342
XSOU8798/09	RSB Logistic Inc.	11005445
XCOM1326	Mirion Technologies (IST) Corporation	11006344
XCOM1328	Mirion Technologies (IST) Corporation	11006346
XB1339	Siemens Medical Solutions USA, Inc.	11006347
XCOM1327	ATI Specialty Alloys & Components	11006345
XMAT448	Cambridge Isotope Laboratories, Inc.	11006349
XB1340	Humboldt Scientific, Inc.	11006348
XMAT433/02	Cambridge Isotope Laboratories, Inc.	11006181
XMAT420/02	Cambridge Isotope Laboratories, Inc.	11005994
XMAT451	Cambridge Isotope Laboratories, Inc.	11006352
XMAT452	Cambridge Isotope Laboratories, Inc.	11006353
XSNM3768/02	Edlow International Company as an Agent for PT INUKI	11006228
XSNM1662/07	Global Nuclear Fuel-Americas LLC	11001076



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International Activities: (continued)

LIST OF IMPORT AND EXPORT LICENSES FOR 2019: NON-APPENDIX P (continued)

License Number	Applicant	Docket Number
XCOM1124/07	GE Hitachi Nuclear Energy Americas, LLC	11005926
XSNM3808	TN Americas LLC	11006357
XMAT423/03	Linde Electronics and Specialty Gases, a Division of Linde Gas North America LLC	11006029
XMAT437/01	Linde Electronics and Specialty Gases, a Division of Linde Gas North America LLC	11006238
XMAT413/03	Linde Electronics and Specialty Gases, a Division of Linde Gas North America LLC	11005877
XMAT415/03	Linde Electronics and Specialty Gases, a Division of Linde Gas North America LLC	11005907
XCOM1330	Technetics Group Columbia	11006360
XMAT432/01	Matheson Tri-Gas, Inc.	11006165
XSNM3754/01	Thermo Fisher Scientific	11006166
XSOU8764/05	Metal & Mineral Processing, Inc.	11005099
XSOU8851/01	Honeywell International, Inc.	11006336
XMAT412/03-R	Linde Electronics and Specialty Gases, a Division of Linde Gas North America LLC	11005876
XCOM1299/01-R	ATI Specialty Alloys & Components	11006218
XCOM1309-R	Curtiss-Wright Nuclear Division	11006259
XSNM3796/01	U.S. Department of Energy/NNSA	11006323
XSOU8764/06	Metal & Mineral Processing, Inc.	11005099
XCOM1325/01	Mirion Technologies (IST) Corporation	11006342

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.

