

**APPENDIX S**  
**International Activities:**  
**LIST OF IMPORT AND EXPORT LICENSES ISSUED, FISCAL YEAR 2022: APPENDIX P**

<b>License Number</b>	<b>Applicant</b>	<b>Docket Number</b>
PXB14b.09	Source Production & Equipment Co., Inc.	11006034
PXB169.04	Baker Hughes Oilfield Operations, LLC	11006064
PXB178.03	JL Shepherd & Associates	11006117
PXB215b.02	ISOFLEX Radioactive, LLC	11006262
PXB220.02	Baker Hughes Oilfield Operations, Inc.	11006304
PXB221.02	NSSI/Sources & Services, Inc.	11006308
PXB221.03	NSSI/Sources & Services, Inc.	11006308
PXB224.02	ISOFLEX Radioactive, LLC	11006318
PXB230.00	Halliburton Energy Services, Inc.	11006359
PXB234.00	Weatherford International Inc. & Subsidiaries & Affiliate Companies	11006390
PXB235.01	QSA Global, Inc.	11006391
PXB237.01	Baker Hughes Oilfield Operations, Inc.	11006412
PXB241.00	Brigham and Women's Hospital	11006449
PXB242.00	Halliburton Energy Services, Inc.	11006450
PXB3.13	Nordion (Canada) Inc.	11006070
PXB6.37	Alpha-Omega Services, Inc.	11006027
PXB6.38	Alpha-Omega Services, Inc.	11006027
PXB6.39	Alpha-Omega Services, Inc.	11006027
PXB6.40	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.

Note: Data are current as of September 2022.

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### International Activities: (continued)

#### LIST OF IMPORT AND EXPORT LICENSES, FISCAL YEAR 2022: NON-APPENDIX P

License Number	Applicant	Docket Number
XB1344/01	Humboldt Scientific, Inc.	11006375
XB1356	Eckert & Ziegler Isotope Products	11006415
XCOM1047/04	Westinghouse Electric Company	11004358
XCOM1276/02	Curtiss-Wright Flow Control Service, LLC	11006135
XCOM1286/02	Curtiss-Wright Flow Control Service, LLC	11006171
XCOM1294/01	Curtiss-Wright Flow Control Corporation	11006207
XCOM1329/01	Curtiss-Wright Flow Control Service, LLC	11006355
XCOM1331	Starwin Industries	11006369
XCOM1333/01	Curtiss-Wright Flow Control Corporation	11006374
XCOM1334	General Atomics	11006381
XCOM1338	Marotta Controls, Inc.	11006408
XCOM1339	Materion Brush, Inc.	11006419
XCOM1340	Technetics Group, LLC	11006425
XCOM1345	Curtiss-Wright Flow Control Service, LLC	11006438
XCOM1350	Eaton Corporation	11006445
XCOM1352	Materion Brush, Inc.	11006452
XMAT412/04	Linde Gas & Equipment Inc.	11005876
XMAT413/04	Linde Gas & Equipment Inc.	11005877
XMAT415/05	Linde Electronics and Specialty Gases	11005907
XMAT423/04	Linde Gas & Equipment Inc.	11006029
XMAT437/02	Linde Gas & Equipment Inc.	11006238
XMAT448/03	Cambridge Isotope Laboratories Inc.	11006349
XMAT449/01	Cambridge Isotope Laboratories Inc.	11006350
XMAT451/01	Cambridge Isotope Laboratories, Inc.	11006352
XMAT456	Linde Gas North America, LLC	11006416
XR170/03	Curtiss-Wright Electro-Mechanical Corporation	11005552
XR172/05	Curtiss-Wright Electro-Mechanical Corporation	11006015
XSNM3135/06	Global Nuclear Fuel - Americas L.L.C.	11005186
XSNM3697/03	Framatome Inc.	11005959
XSNM3822	U.S. Department of Energy/NNSA	11006422
XSNM3824	Edlow Intenational Co. as Agent for X Energy, LLC	11006429

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### International Activities: (continued)

#### LIST OF IMPORT AND EXPORT LICENSES, FISCAL YEAR 2022: NON-APPENDIX P (continued)

XSNM3825	Westinghouse Electric Company LLC	11006430
XSNM3826	NBL Program Office NNSA	11006431
XSNM3827	NBL Program Office NNSA	11006433
XSNM3829	Westinghouse Electric Company LLC	11006446
XSOU8789/08	ConverDyn	11005360
XSOU8855	MP Mine Operations LLC	11006432
XW008/06	Diversified Scientific Services, Inc. (DSSI)	11005323
XW018/02	EnergySolutions Services, Inc.	11005897
XW027/01	Perma-Fix Northwest Richland, Inc.	11006380
XW028	Perma-Fix Northwest Richland, Inc.	11006420
XW029	Perma-Fix Northwest Richland, Inc.	11006421

#### 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 non-nuclear 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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