

EXPORT LICENSE

NRC FORM 250



United States of America
 Nuclear Regulatory Commission
 Washington, D.C. 20555

NRC LICENSE NO.: XR172/05

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NRC DOCKET NO.: 11006015

LICENSE EXPIRES: December 31, 2030

Pursuant to the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974 and the regulations of the Nuclear Regulatory Commission (NRC) issued pursuant thereto, and in reliance on the statements and representations herefore made by the licensee, a license is hereby issued to the licensee authorizing the export of the materials and/or production or utilization facilities listed below, subject to the terms and conditions herein.

<p align="center">LICENSEE</p> <p>Curtiss-Wright Electro-Mechanical Corporation 1000 Wright Way Cheswick, PA 15024</p> <p>Attn: Scott Jackson</p>	<p align="center">ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p align="center">See following page(s)</p>
<p align="center">INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p align="center">See following page(s)</p>	<p align="center">OTHER U.S. PARTY(IES) TO EXPORT</p> <p align="center">See following page(s)</p>

APPLICANT'S REFERENCE: 2022NRC0009

ULTIMATE DESTINATION: China

<p>QUANTITY(IES)</p>	<p align="center">DESCRIPTION OF MATERIAL(S) OR FACILITY(IES)</p> <p>The license is amended to: 1) update the licensee point of contact; 2) update the names of four of the licensee's company names under a U.S. Party(ies) to the Export; and 3) update the company name and address of an Intermediate Foreign Consignee in China.</p> <p>This license authorizes the licensee to export and oversees exports by parties of various NRC-controlled primary reactor coolant pump-related commodities used to manufacture complete primary coolant pumps systems, related equipment, and spare parts for installation at the Sanmen and Haiyang Nuclear Power Plants, and the AP1000 testing facility at Shenyang, China.</p> <p>CONDITION: A license amendment is required for the addition of intermediate consignees not listed on this export license.</p>
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Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974.

This license is subject to the right of recapture or control by Section 108 of the Atomic Energy Act of 1954, as amended, and to all the other provisions of said Acts, now or hereafter in effect and to all valid rules and regulations of the NRC.

**THIS LICENSE IS INVALID UNLESS SIGNED BELOW
 BY AUTHORIZED NRC REPRESENTATIVE**

SIGNATURE: David L. Skeen
Digitally signed by David L. Skeen
 Date: 2022.04.08 09:48:30 -04'00'

NAME AND TITLE: David L. Skeen, Deputy Director
 Office of International Programs

DATE OF ISSUANCE: April 8, 2022

ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES):

1. Haiyang Nuclear Power Plant
Haiyang County
Shandong Province, 265116
China

(for installation in the two Westinghouse AP-1000 Units at the Haiyang Nuclear Power Plant)

2. Sanmen Nuclear Power Plant
Sanmen County
Zhejiang Province, 314300
China

(for installation in the two Westinghouse AP-1000 Units at the Sanmen Nuclear Power Plant)

3. Shenyang Blower Works Group Company Ltd. (Parent Co.)
No. 16A Kaifa Boulevard
Shenyang Economic and Technological Development Area
Shenyang, 110869
China

(one primary coolant pump casing will be used as a permanent part of the AP-1000 primary reactor coolant pump testing facility)

4. Shenyang Blower Works Group Nuclear Pump company Ltd.
(Subsidiary Co.)
No. 16A Kaifa Boulevard
Shenyang Economic and Technological Development Area
Shenyang, 110869
China

(one primary coolant pump casing will be used as a permanent part of the AP-1000 primary reactor coolant pump testing facility)

INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES):

1. AT&M Refractory Metals and Ceramics Branch
(Advanced Technology and Materials Company)
Zone C No 10 Yong Cheng North Road, Zhongguancun
Yongfeng Industrial Base, Haidian District, Beijing, 100081
China

(for manufacturing finished parts, components, sub-assemblies and assemblies which will be sent to Curtiss-Wright in the U.S. or to the ultimate consignees for incorporation into the primary coolant pumps)

2. Curtiss-Wright (Tianjin) Flow Control Co., Ltd.
No. 3 Quanhui Road
Tianjin 301700
China

(for manufacturing finished parts, components, sub-assemblies and assemblies which will be sent to Curtiss-Wright in the U.S. or to the ultimate consignees for incorporation into the primary coolant pumps)

3. Dalian Uchibayashi Precision Electroplate Co., Ltd.
(Independent Co.)
No. 77, Harbour Industrial District of Economic and
Technology Development Zone
Dalian
China

(to perform electro plating services)

INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES):

4. Harbin Aircraft Industry Group Company (Independent Co.)
No. 15, Youxie Street
Pingfang District
Harbin Heilongjiang
China

(for manufacturing finished parts, components, sub-assemblies and assemblies which will be sent to Curtiss-Wright in the U.S. or to the ultimate consignees for incorporation into the primary coolant pumps. One primary coolant pump or major sub-assemblies of a pump may be exported for temporary use at this AP-1000 testing facility)

5. Harbin Boiler Company, Ltd. (Independent Co.)
No. 309, San Da Dong Li Road
Xian Fang District
Harbin
China

(to provide heat treat, destructive and non-destructive testing and metallographic services)

6. Harbin Electric Machinery Company, Ltd.
No. 99, San Da Dong Li Road
Xian Fang District
Harbin, Heilongjiang Province 150040
China

(for manufacturing finished parts, components, sub-assemblies and assemblies which will be sent to Curtiss-Wright in the U.S. or to the ultimate consignees for incorporation into the primary coolant pumps)

7. Harbin Electric Power Equipment Company, Ltd.
No. 8 Nancheng Second Road
Pingfang District
Harbin, Heilongjiang Province 150060
China

(for manufacturing finished parts, components, sub-assemblies and assemblies which will be sent to Curtiss-Wright in the U.S. or to the ultimate consignees for incorporation into the primary coolant pumps)

8. Harbin Electric Power Equipment Company, Ltd. (Second location)
No. 99 San Da Dong Li Road
Xiang Fang District
Harbin, Heilongjiang Province 150040
China

(for manufacturing finished parts, components, sub-assemblies and assemblies which will be sent to Curtiss-Wright in the U.S. or to the ultimate consignees for incorporation into the primary coolant pumps)

9. Harbin Power Plant Equipment Corp. (QHD) (Independent Co.)
Heavy Equipment Co., Ltd.
No. 5, Dong Li Road
Economic and Technical Development Zone, Qinhuangdao
China

(to perform rolling of plate material to form certain pump parts)

INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES):

10. Harbin Yinguang Electroplate Company, Ltd. (Independent Co.)
Zhenxing Industrial Area
Hada County
Xuefu Road, Nangang District, Harbin, Heilongjiang Province
150086
China

(to perform electro plating services)
11. SBW Electro-Mechanics Import and Export Corporation
No. 16A Kaifa Boulevard
Shenyang Economic and Technological Development Area
Shenyang, 110869
China

(for manufacturing finished parts, components, sub-assemblies and assemblies which will be sent to Curtiss-Wright in the U.S. or to the ultimate consignees for incorporation into the primary coolant pumps)
12. Shanghai Electrical Nuclear Power Equipment Company Ltd.
No. 250, Huaning Road
Minghang District
Shanghai, 200245
China

(for manufacturing finished parts, components, sub-assemblies and assemblies which will be sent to Curtiss-Wright in the U.S. or to the ultimate consignees for incorporation into the primary coolant pumps)
13. Shenyang Blower Works Group Company Ltd. (Parent Co.)
No. 16A Kaifa Boulevard
Shenyang Economic and Technological Development Area
Shenyang, 110869
China

(for manufacturing finished parts, components, sub-assemblies and assemblies which will be sent to Curtiss-Wright in the U.S. or to the ultimate consignees for incorporation into the primary coolant pumps. One primary coolant pump or major sub-assemblies of a pump may be exported for temporary use at this AP-1000 testing facility)
14. Shenyang Blower Works Group Nuclear Pump Company Ltd.
(Subsidiary Co.)
No. 16A Kaifa Boulevard
Shenyang Economic and Technological Development Area
Shenyang, 110869
China

(for manufacturing finished parts, components, sub-assemblies and assemblies which will be sent to Curtiss-Wright in the U.S. or to the ultimate consignees for incorporation into the primary coolant pumps. One primary coolant pump or major sub-assemblies of a pump may be exported for temporary use at this AP-1000 testing facility)
15. Shinagawa Precision Electroplate (Dalian) Co., Ltd.
(Independent Co.)
No. 22, Harbour Industrial District of Economic and Technology Development Zone
Dalian
China

(to perform electro plating services)

OTHER U.S. PARTY(IES) TO EXPORT:

1. AERO INDUSTRIES OF THE SPACE COAST INC
9220 BOGGY CREEK ROAD, SUITE 121
Orlando, FL 32824
(materials, parts or sub-assemblies)
2. ALLE-KISKI INDUSTRIES
531 HYDE PARK ROAD
Leechburg, PA 15656
(materials, parts or sub-assemblies)
3. AMICK ASSOCIATES
14 SYCAMORE STREET
Carnegie, PA 15106
(materials, parts or sub-assemblies)
4. ARCOS INDUSTRIES LLC
ONE ARCOS DRIVE
Mt Carmel, PA 17851
(Materials, parts or sub-assemblies)
5. ASSOCIATED CERAMICS AND TECHNOLOGY INC
400 NORTH PIKE ROAD
Sarver, PA 16055
(Materials, parts or sub-assemblies)
6. AT & F NUCLEAR INC
12314 ELMWOOD AVENUE
Cleveland, OH 44111
(material processing)
7. ATI FIRTH STERLING
1297 COUNTY LINE ROAD
Madison, AL 35756
(materials, parts or sub-assemblies)
8. ATI POWDER METALS
1001 ROBB HILL ROAD
Oakdale, PA 15071
(material processing)
9. AUBERT & DUVAL USA INC.
13024 BALLANTYNE CORPORATE PLACE
SUITE 310
Charlotte, NC 28277
(materials, parts or sub-assemblies)
10. BENDTEC INC
366 GARFIELD AVENUE
Duluth, MN 55802
(pump test facility materials, components or instruments)

OTHER U.S. PARTY(IES) TO EXPORT:

11. BENTLEY WORLD PACKAGING LTD.
3501 GRAND AVENUE
Pittsburg, PA 15225
(special assembly tools)
12. BRINKMAN TOOL & DIE INC
325 KISER STREET
Dayton, OH 45404
(special assembly tools)
13. CARBOLINE COMPANY
121 SUNSET LANE
Stahlstown, PA 15687
(materials, parts or sub-assemblies)
14. CCI THERMAL TECHNOLOGIES
1420 WEST MAIN STREET
Greensburg, IN 47420
(pump test facility materials, components or instruments)
15. CONAX BUFFALO TECHNOLOGIES
2300 WALDEN AVENUE
Buffalo, NY 14225
(materials, parts or sub-assemblies)
16. CONSOLIDATED POWER SUPPLY
3556 MARY TAYLOR ROAD
Birmingham, AL 35235
(materials, parts or sub-assemblies)
17. CONTROL COMPONENTS INC
22591 AVENIDA EMPRESA
Rancho Santa Margarita, CA 92688
(pump test facility materials, components, or Instruments)
18. CORRY FORGE
441 EAST MAIN STREET
Corry, PA 16047
(materials, parts or sub-assemblies)
19. CORUS AMERICA INC.
475 N MARTINGALE ROAD
Schaumburg, IL 60173
(materials, parts or sub-assemblies)
20. COULTER FORGE TECHNOLOGY
1494 67th STREET
Emeryville
CA 94662
(materials, parts or sub-assemblies)
21. CRANE ENVIRONMENTAL INC
2650 EISENHOWER AVENUE
Trooper, PA 19403
(pump test facility materials, components, or Instruments)

OTHER U.S. PARTY(IES) TO EXPORT:

22. CUBBISON COMPANY
380 VICTORIA ROAD
Youngstown, PA 44515
(materials, parts or sub-assemblies)
23. CURBELL INDUSTRIAL PLASTICS
250 WEST KENSINGER DRIVE
Cranberry, PA 16066
(materials, parts or sub-assemblies)
24. CURTISS-WRIGHT CORPORATION
13025 BALLANTYNE CORPORATE PLACE
SUITE 400
Charlotte, NC 28277
(non-destructive test equipment)
25. Curtiss-Wright Flow Control Corporation
d/b/a Enertech
2950 BIRCH STREET
Brea, CA 92821
(materials, parts or sub-assemblies)
26. Curtiss-Wright Flow Control Service, LLC
d/b/a Scientech
1350 Whitewater Drive
Idaho Falls, ID 83402
(materials, parts or sub-assemblies)
27. Curtiss-Wright Flow Control Service, LLC
d/b/a QualTech
4600 EAST TECH DRIVE
Cincinnati, OH 45245
(materials, parts or sub-assemblies)
28. Curtiss-Wright Flow Control Service, LLC
d/b/a Nova Machine Products
18001 Sheldon Road
Middleburg Heights, OH 44130
(materials, parts or sub-assemblies)
29. CUSTOM MATERIALS INC
16865 PARK CIRCLE DRIVE
Chagrin Falls, OH 44022
(materials, parts or sub-assemblies)
30. DUBOSE NATIONAL ENERGY
900 INDUSTRIAL DRIVE
Clinton, NC 28328
(materials, parts or sub-assemblies)
31. EDGAR INDUSTRIES
931 MERWIN ROAD
New Kensington, PA 15068
(special assembly tools)

OTHER U.S. PARTY(IES) TO EXPORT:

32. EIS
13311 ENTERPRISE AVENUE Cleveland,
OH 44135
(materials, parts or sub-assemblies)
33. ELECTRIC MATERIALS CO
50 S WASHINGTON STREET
North East, PA 16428
(materials, parts or sub-assemblies)
34. ELECTROLOCK INC.
17930 GREAT LAKES PARKWAY
Hiram, OH 44234
(materials, parts or sub-assemblies)
35. EMR INC.
3892 PLATT SPRINGS ROAD
West Columbia, SC 29169
(materials, parts or sub-assemblies)
36. ENERGY AND PROCESS CORPORATION
2146-B FLINTSTONE DRIVE
Tucker, GA 30085
(materials, parts or sub-assemblies)
37. EVERSON TESLA INC.
615 DANIELS ROAD
Nazareth, PA 18064
(materials, parts or sub-assemblies)
38. F B WRIGHT CO
98 VANADIUM ROAD
Bridgeville, PA 15017
(materials, parts or sub-assemblies)
39. F-SQUARED INC.
319 FOURTH AVENUE
Tarentum
PA 15084
(expanding mandrel tool)
40. FASTENERS UNLIMITED
2150 WOODLAND ROAD
Warrendale, PA 15086
(materials, parts or sub-assemblies)
41. FLEXITALLIC INC.
6915 HIGHWAY 225
Deer Park, TX 77536
(materials, parts or sub-assemblies)

OTHER U.S. PARTY(IES) TO EXPORT:

42. FLUIDIC TECHNIQUES DIVISION OF FTI
1213 ANTLERS DRIVE
Mansfield, TX 76063
(pump test facility materials, components or instruments)
43. GENERAL NUCLEAR CORPORATION
3519 WHEELER ST., PO BOX 400
New Stanton
PA 15672
(material processing)
44. GEROME TECHNOLOGIES INC.
57-85 BROADWAY
Menands,, NY 12204
(materials, parts or sub-assemblies)
45. GRAHAM CORPORATION
20 FLORENCE AVENUE
Batavia, NY 14020
(pump test facility materials, components, or instruments)
46. HAYNES INTERNATIONAL INC.
1020 W PARK AVENUE
Kokomo, IN 46901
(materials, parts or sub-assemblies)
47. HAYWARD TYLER INC.
480 ROOSEVELT HIGHWAY
Colchester, VT 05446
(pump test facility materials, components, or instruments)
48. HERR-VOSS STAMCO
130 MAIN STREET
Callery, PA 16024
(precision shear equipment)
49. HOLAN INC.
1048 SANDY HILL ROAD
Irwin, PA 15642
(materials, parts or sub-assemblies)
50. HOLTEC INTERNATIONAL
555 LINCOLN DRIVE WEST
Marlton, NJ 08053
(materials, parts or sub-assemblies)
51. IMPREX INC.
3260 SOUTH 108th STREET
Milwaukee, WI 53227
(electrical insulation facility)
52. INDUSTRIAL RUBBER PRODUCTS
726 TRUMBULL DRIVE
Pittsburg, PA 15205
(materials, parts or sub-assemblies)

OTHER U.S. PARTY(IES) TO EXPORT:

53. INDUSTRIAL TESTING LAB SVC LLC
635 ALPHA DRIVE, O'HARA TOWNSHIP
Pittsburg, PA 25238
(electrical insulation facilities)
54. INSULATOR SEAL
6460 PARKLAND DRIVE
Sarasota, FL 34243
(materials, parts or sub-assemblies)
55. J A DESIGN INC
2438 ROUTE 819
Greensburg, PA 15601
(special assembly tools)
56. JERSEY CHROME PLATING
144 46th STREET
Pittsburg, PA 15201
(material processing)
57. JJMA MARINE & INDUSTRIAL ENGINEERING
1789 SOUTH BRADDOCK AVENUE
Pittsburg, PA 15218
(special assembly tools)
58. JORGENSEN FORGE CORPORATION
8531 E MARGINAL WAY SOUTH
Seattle, WA 98108
(materials, parts or sub-assemblies)
59. KAIER ENGINEERING INC.
106 COMMERCE BOULEVARD
Lawrence, PA 15055
(special assembly tools)
60. KEYSTONE RUSTPROOFING
1901 DR THOMAS BOULEVARD
Arnold, PA 15068
(material processing)
61. KINGSBURY INCORPORATED
10385 DRUMMOND ROAD
Philadelphia, PA 19154
(materials, parts or sub-assemblies)
62. LANGO ELECTRIC INC.
300 CANAL STREET
Leechburg, PA 15656
(pump test facility materials, components or instruments)

OTHER U.S. PARTY(IES) TO EXPORT:

63. MCMASTER CARR SUPPLY COMPANY
473 RIDGE ROAD
Dayton, NJ 08810
(materials, parts or sub-assemblies)
64. MCT BRATTBERG INC.
3332 SPRING STUEBNER ROAD WEST
Spring, TX 77389
(materials, parts or sub-assemblies)
65. METAL TEK INTERNATIONAL
905 EST PAUL AVENUE
Waukesha, WI 53188
(materials, parts or sub-assemblies)
66. METPLAS
HIGHLANDS INDUSTRIAL PARK
THREE ACEE DRIVE
Natrona Heights, PA 15065
(material processing)
67. MINCO PRODUCTS INC.
7300 COMMERCE LANE
Minneapolis, MN 55432
(materials, parts or sub-assemblies)
68. MORGAN ADVANCED MATERIALS
& TECHNOLOGY
441 HALL AVENUE
St. Mary's, PA 15857
(materials, parts or sub-assemblies)
69. MPC INDUSTRIES
2150 MCGAW AVENUE
Irvine, CA 92614
(material processing)
70. NUCLEAR ALLOYS CORPORATION
4643 IDE ROAD
Wilson, NY 14172
(materials, parts of sub-assemblies)
71. PCC STRUCTURALS, INC.
4600 S.E. HARNEY DRIVE
Portland, OR 97206
(materials, parts of sub-assemblies)
72. PENN STATE TOOL & DIE CORP.
260 WESTEC DRIVE
Mt Pleasant, PA 15666
(materials, parts of sub-assemblies)
73. PITTSBURG ELECTRICAL INSULATION
800 MARTHA STREET
PITTSBURG, PA 15120
(materials, parts or sub-assemblies)

OTHER U.S. PARTY(IES) TO EXPORT:

74. PITTSBURGH METAL PROCESSING
1850 CHAPMAN STREET
P.O. BOX 7824
Pittsburg, PA 15215
(material processing)
75. PRL INDUSTRIES
64 REXMONT ROAD
Cornwall, PA 17016
(materials, parts or sub-assemblies)
76. R L HOLLIDAY
525 MCNEILLY ROAD
Pittsburg, PA 15226
(non destructive test equipment)
77. RIVERHAWK COMPANY
215 CLINTON ROAD
New Hartford, NY 13413
(special assembly tools)
78. SCOT FORGE
8001 WINN ROAD
Spring Grove, IL 60081
(materials, parts or sub-assemblies)
79. SIEMENS ENERGY INC. SCHREIBER
INDUSTRIAL PARK 12th STREET
GATE, BUILDING 225A New
Kensington, PA 15068
(material processing)
80. SKOVIRA MACHINE COMPANY
146 CATALINA FARM ROAD
Scottsdale, PA 15683
(materials, parts or sub-assemblies)
81. SPERANZA SPECIAL TY MACHINING
2226 BOYD ROAD, R.D. NO. 4 Export,
PA 15683
(special assembly tools)
82. STARWIN INDUSTRIES
3387 WOODMAN DRIVE
Dayton, OH 45429
(materials, parts or sub-assemblies)
83. STEEL INDUSTRIES, INC.
12600 BEECH DALY ROAD
Redford TWP, MI 48239
(materials, parts or sub-assemblies)

OTHER U.S. PARTY(IES) TO EXPORT:

84. TAPCO ENPRO INTERNATIONAL
16315 MARKET STREET
Channelview, TX 77530
(materials, parts or sub-assemblies)
85. TIOGA PIPE SUPPLY CO INC.
2450 WHEATSHEAF LANE
Philadelphia, PA 19137
(materials, parts or sub-assemblies)
86. TOOLING SPECIALISTS INC.
433 FAYETTE STREET
Latrobe, PA 15650
(materials, parts or sub-assemblies)
87. TRACTION MOTOR SERVICE
9933 BROADWAY AVENUE
Irwin, PA 15642
(materials, parts or sub-assemblies)
88. TRITON MANUFACTURING COMPANY
5700 TRITON WAY
Monee, IL 60449
(materials, parts or sub-assemblies)
89. TRUE POSITION INC.
3919 CHESSROWN AVENUE
Gibsonia, PA 15044
(materials, parts or sub-assemblies)
90. TRUST MANUFACTURING, LLC
20080 SAINT CLAIR AVENUE
Cleveland, OH 44117
(materials, parts or sub-assemblies)
91. TURBOCAM
607 CALEF HIGHWAY
Barrington, NH 03825
(material processing)
92. TW METALS NUCLEAR MATERIALS SOLUTIONS
800 BRICKWORKS DRIVE
Leetsdale, PA 15056
(materials, parts or sub-assemblies)
93. ULTRA ELECTRONICS NUCLEAR SENSORS
AND PROCESS INSTRUMENTATION
707 JEFFREY WAY
Round Rock, TX 78664
(materials, parts or sub-assemblies)
94. VON ROLL USA INC.
4853 W 130th STREET
Cleveland, OH 44135
(materials, parts or sub-assemblies)

OTHER U.S. PARTY(IES) TO EXPORT:

95. WALDEMAR DESIGN AND MACHINE
1797 MATHERLY ROAD
Liberty, KY 42539
(can fabrication equipment)
96. WALTER LONG MANUFACTURING
86 WALTER LONG ROAD
Finleyville, PA 15332
(material processing)
97. WELDALOY PRODUCTS COMPANY
11551 STEPHENS DRIVE
Warren, MI 48090
(materials, parts or sub-assemblies)
98. WEST PENN LAGO INC.
331 OHIO STREET
Pittsburg, PA 15208
(seal assembly tools)
99. WILCOXON RESEARCH
20511 SENECA MEADOWS PARKWAY
Gaithersburg, MD 20876
(materials, parts or sub-assemblies)
100. WILLIAMS WELDING ALLOYS
1501 REEDSDALE STREET
Pittsburg, PA 15233
(materials, parts or sub-assemblies)
101. WOLLASTON ALLOYS INC.
205 WOOD ROAD
Braintree, MA 02184
(materials, parts or sub-assemblies)