

EXPORT LICENSE



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

NRC LICENSE NO.: XSNM3789

Page 1 of 6

NRC DOCKET NO.: 11006286

LICENSE EXPIRES: November 25, 2040

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.

LICENSEE

Louisiana Energy Services, LLC
275 Highway 176
Eunice, NM 88231

Attn: Ricardo Medina

ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)

See following page(s)

INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)

KEPCO Nucelar Fuel Company
242, 989 Beon-gil Daedeokaero
Yuseong-gu
Daejon 305-353
Republic of Korea

(conversion and fabrication)

OTHER U.S. PARTY(IES) TO EXPORT

None

APPLICANT'S REFERENCE: KHNP-1

ULTIMATE DESTINATION(S): Republic of Korea

QUANTITY(IES)

7,977,411
kilograms (Kg)

DESCRIPTION OF MATERIAL(S) OR FACILITY(IES)

Uranium hexafluoride containing up to 398,870 kg of uranium-235, enriched to 5 WGT % maximum.

The shipment of Australian, Canadian, EURATOM, and LES-obligated material is authorized.

Conditions 3, 4, 6, 7, and 9 on page 2 of this license apply to this export.

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: _____

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

DATE OF ISSUANCE: May 20, 2019

EXPORT LICENSE

Conditions

- Condition 1** Reserved
- Condition 2** Reserved
- Condition 3** This license covers only the nuclear content of the material.
- Condition 4** The material to be exported under this license shall be shipped in accordance with the physical protection requirements for special nuclear material in 10 CFR Part 71 and 10 CFR Part 73.
- Condition 5** Reserved
- Condition 6** This license authorizes export only and does not authorize the receipt, physical possession, or use of the nuclear material.
- Condition 7** The shipper shall complete and submit a DOE/NRC Form 741 for each shipment of uranium, thorium, and plutonium (i.e., source or special nuclear material) exported under this license.
- Condition 8** Reserved
- Condition 9** For the life of this license, the licensee shall submit by February 1 of each year, one copy of a report documenting the quantities of LEU shipped to the ROK during the previous calendar year and projections for the subsequent year. This report shall be submitted to the Deputy Director, Office of International Programs at the address provided in 10 CFR § 110.4. The report must include:
- (1) The total quantity, including element weights and isotope weights, of the LEU exported to the ROK during the previous year, broken down by the quantities of LEU exported and intended to meet operational requirements at each of the specified power reactors.
 - (2) Projections for exports of LEU to the ROK in the subsequent calendar year, including estimates of the element weights and isotope weights tied to the expected operational requirements at each of the specified reactors.
 - (3) A description of any developments that may have required changes to the quantities of LEU exported to the ROK during the previous year from what had been projected.

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

1. Cheonji Nuclear Power Plant Unit 1
Yeongdeok
North Gyeongsang Province
Republic of Korea

(nuclear fuel)
2. Cheonji Nuclear Power Plant Unit 2
Yeongdeok
North Gyeongsang Province
Republic of Korea

(nuclear fuel)
3. Hanbit Nuclear Power Plant Unit 1
Yeonggwang-gun
South Jeolla Province
Republic of Korea

(nuclear fuel)
4. Hanbit Nuclear Power Plant Unit 2
Yeonggwang-gun
South Jeolla Province
Republic of Korea

(nuclear fuel)
5. Hanbit Nuclear Power Plant Unit 3
Yeonggwang-gun
South Jeolla Province
Republic of Korea

(nuclear fuel)
6. Hanbit Nuclear Power Plant Unit 4
Yeonggwang-gun
South Jeolla Province
Republic of Korea

(nuclear fuel)
7. Hanbit Nuclear Power Plant Unit 5
Yeonggwang-gun
South Jeolla Province
Republic of Korea

(nuclear fuel)
8. Hanbit Nuclear Power Plant Unit 6
Yeonggwang-gun
South Jeolla Province
Republic of Korea

(nuclear fuel)
9. Hanul Nuclear Power Plant Unit 1
Bugu-ri
Buk-myeon
Uljin-gun, North Gyeongsang Province
Republic of Korea

(nuclear fuel)

ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES): (Cont'd)

10. Hanul Nuclear Power Plant Unit 2
Bugu-ri
Buk-myeon
Uljin-gun, North Gyeongsang Province
Republic of Korea

(nuclear fuel)
11. Hanul Nuclear Power Plant Unit 3
Bugu-ri
Buk-myeon
Uljin-gun, North Gyeongsang Province
Republic of Korea

(nuclear fuel)
12. Hanul Nuclear Power Plant Unit 4
Bugu-ri
Buk-myeon
Uljin-gun, North Gyeongsang Province
Republic of Korea

(nuclear fuel)
13. Hanul Nuclear Power Plant Unit 5
Bugu-ri
Buk-myeon
Uljin-gun, North Gyeongsang Province
Republic of Korea

(nuclear fuel)
14. Hanul Nuclear Power Plant Unit 6
Bugu-ri
Buk-myeon
Uljin-gun, North Gyeongsang Province
Republic of Korea

(nuclear fuel)
15. Kori Nuclear Power Plant Unit 2
Gori
Jangan-eup
Gijang-gun, Busan
Republic of Korea

(nuclear fuel)
16. Kori Nuclear Power Plant Unit 3
Gori
Jangan-eup
Gijang-gun, Busan
Republic of Korea

(nuclear fuel)
17. Kori Nuclear Power Plant Unit 4
Gori
Jangan-eup
Gijang-gun, Busan
Republic of Korea

(nuclear fuel)

ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES): (Cont'd)

18. Shin-Hanul Nuclear Power Plant Unit 1
Bugu-ri
Buk-myeon
Uljin-gun, North Gyeongsang Province
Republic of Korea

(nuclear fuel)
19. Shin-Hanul Nuclear Power Plant Unit 2
Bugu-ri
Buk-myeon
Uljin-gun, North Gyeongsang Province
Republic of Korea

(nuclear fuel)
20. Shin-Hanul Nuclear Power Plant Unit 3
Bugu-ri
Buk-myeon
Uljin-gun, North Gyeongsang Province
Republic of Korea

(nuclear fuel)
21. Shin-Hanul Nuclear Power Plant Unit 4
Bugu-ri
Buk-myeon
Uljin-gun, North Gyeongsang Province
Republic of Korea

(nuclear fuel)
22. Shin-Kori Nuclear Power Plant Unit 1
Gori
Jangan-eup
Gijang-gun, Busan
Republic of Korea

(nuclear fuel)
23. Shin-Kori Nuclear Power Plant Unit 2
Gori
Jangan-eup
Gijang-gun, Busan
Republic of Korea

(nuclear fuel)
24. Shin-Kori Nuclear Power Plant Unit 3
Gori
Jangan-eup
Gijang-gun, Busan
Republic of Korea

(nuclear fuel)
25. Shin-Kori Nuclear Power Plant Unit 4
Gori
Jangan-eup
Gijang-gun, Busan
Republic of Korea

(nuclear fuel)

ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES): (Cont'd)

26. Shin-Kori Nuclear Power Plant Unit 5
Gori
Jangan-eup
Gijang-gun, Busan
Republic of Korea

(nuclear fuel)
27. Shin-Kori Nuclear Power Plant Unit 6
Gori
Jangan-eup
Gijang-gun, Busan
Republic of Korea

(nuclear fuel)
28. Shin-Wolsong Nuclear Power Plant Unit 1
Gyeongju
North Gyeongsang Province
Republic of Korea

(nuclear fuel)
29. Shin-Wolsong Nuclear Power Plant Unit 2
Gyeongju
North Gyeongsang Province
Republic of Korea

(nuclear fuel)