### **EXPORT LICENSE**

NRC FORM 250 (10-07)

# UNITED STATES OF AMERICA

**Nuclear Regulatory Commission** Washington, D.C. 20555

NRC LICENSE NO.: XR135/07

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NRC DOCKET NO.:

11001075

LICENSE EXPIRES

June 30, 2018

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 issued pursuant thereto, and in reliance on statements and representations heretofore 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

ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)

GE-Hitachi Nuclear Energy Americas LLC 3901 Castle Hayne Road Wilmington, NC 28401

Taiwan Power Company 242 Roosevelt Road, Section 3

**Taipei** Taiwan

Attn: Bryce MacDonald

(For Civilian Power Program, Taiwan Power Nuclear

Units, Lungmen 1 and 2)

INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)

OTHER U.S. PARTY(IES) TO EXPORT

**GE-Hitachi Nuclear Energy International LLC** 168 Tun Hua N. Road

13<sup>th</sup> Floor Taipei Taiwan

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(Importer, Project Manager)

(Suppliers)

APPLICANT'S REFERENCE NO. Application dated 4/26/2013

**ULTIMATE DESTINATION: Taiwan** 

QUANTITY

**DESCRIPTION OF MATERIALS OR FACILITIES** 

The license authorizes the export of two 1,350 MWe (4,005 MWt) Advanced Boiling Water Reactors, to be built at the Lungmen site and to be known as Taiwan Power Nuclear Units, Lungmen 1 and 2. The equipment authorized for export includes: 1) reactor pressure vessels; 2) specially designed equipment for inserting or removing fuel; 3) complete reactor control rod systems; 4) reactor primary coolant pumps; 5) reactor pressure tubes; 6) reactor internals; 7) reactor control rod drive mechanisms;

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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 of the other provisions of said Acts, now or hereafter in effect and to all valid rules and regulations of the Nuclear Regulatory Commission.

THIS LICENSE IS INVALID UNLESS SIGNED BELOW BY AUTHORIZED NRC REPRESENTATIVE

SIGNATURE:

NAME AND TITLE:

Mark R. Shaffer, Deputy Director Office of International Programs

DATE OF ISSUANCE:

May 31, 2013

## OTHER PARTIES TO THE EXPORT: (Cont'd)

#### (Suppliers)

- Southeast Engineering Corporation
   Roosevelt Road, Section 1, 7<sup>th</sup> Floor Yu-Ming Mansion
   Taipei
   Taiwan
- 2. Black and Veatch 8400 Ward Parkway Kansas City, MO 64114
- 3. Bechtel Power Corporation 50 Beale Street San Francisco, CA 94119
- 4. Reuter-Stokes
  Edison Park
  8499 Darrow Road
  Twinsburg, OH 44087

## **DESCRIPTION OF MATERIALS OR FACILITIES: (Cont'd)**

and 8) any other components and equipment especially designed or prepared for use in the reactors. This license also authorizes the export of especially designed or prepared tools and equipment for installation, testing, refueling and maintenance of the reactors; technology and general purpose equipment related to the design, construction, operation and maintenance of the reactor and fuel; and the reactor training and nuclear energy information for support of the project.

The total value of items to be exported under this license is approximately

No byproduct, source or special nuclear material may be exported under this license.

The equipment, tools, components and materials covered by this license may be disposed of or returned to GE-Hitachi Nuclear Energy Americas LLC in the United States or transferred to the site of another reactor exported pursuant to a facility export license issued by the U.S. Nuclear Regulatory Commission (NRC) to GE-Hitachi Nuclear Energy Americas LLC.

The "duel use" and "balance of plant" items and associated technology are to be exported under the Export Administration Regulations under the Department of Commerce licensing authority.

This license is amended to: 1) amend the name of the "Intermediate Foreign Consignee(s)" to GE-Hitachi Nuclear Energy International LLC; and 2) Extend the expiration date from June 30, 2013 to June 30, 2018.

All other conditions remain the same.