



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

HOLTEC PALISADES, LLC

HOLTEC DECOMMISSIONING INTERNATIONAL, LLC

DOCKET NO. 50-155

BIG ROCK POINT PLANT

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 129
License No. DPR-6

1. The U.S. Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment filed by Entergy Nuclear Operations, Inc., on behalf of itself; Entergy Nuclear Palisades, LLC; Holtec International; and Holtec Decommissioning International, LLC, dated December 23, 2020, as supplemented by letters dated December 23, 2020, December 23, 2020, October 29, 2021, and January 21, 2022, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, Facility Operating License No. DPR-6 is amended as indicated in the attachment to this license amendment.
3. This license amendment is effective as of its date of issuance and shall be implemented within 30 days from that date.

FOR THE NUCLEAR REGULATORY COMMISSION

Bernard H. White IV, Acting Chief
Storage and Transportation Licensing Branch
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards

Attachments:
Changes to Facility Operating
License No. DPR-6
and Technical Specifications

Date of Issuance: June 28, 2022

ATTACHMENT TO LICENSE AMENDMENT NO. 129

BIG ROCK POINT PLANT

FACILITY OPERATING LICENSE NO. DPR-6

DOCKET NO. 50-155

Replace the following pages of Facility Operating License No. DPR-6 and Appendix A, Technical Specifications, with the attached revised pages. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

Facility Operating License No DPR-6

Remove Pages

-1- through -3-

Insert Pages

-1- through -3-

Appendix A, Technical Specifications

Remove Pages

6-1

6-2

Insert Pages

6-1

6-2

HOLTEC PALISADES, LLC

HOLTEC DECOMMISSIONING INTERNATIONAL, LLC

DOCKET NO. 50-155

BIG ROCK POINT PLANT

FACILITY OPERATING LICENSE

License No. DPR-06

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for a license amendment by Holtec Palisades, LLC (Holtec Palisades) and Holtec Decommissioning International, LLC (HDI), (the licensees), complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance that: (i) the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the rules and regulations of the Commission;
 - D. The licensees are technically and financially qualified to engage in the activities authorized by this operating license in accordance with the rules and regulations of the Commission;
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the rules and regulations of the Commission and all applicable requirements have been satisfied;
 - F. The licensees have satisfied the applicable provisions of 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements," of the Commission's regulations;
 - G. The issuance of this license amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - H. The receipt, possession, and use of source, byproduct, and special nuclear material as authorized by this license will be in accordance with the Commission's regulations in 10 CFR Parts 30, 40, and 70, including 10 CFR Sections 30.33, 40.32, 70.23, and 70.31.

2. Facility Operating License No. DPR-06, is hereby issued to Holtec Palisades and HDI in its entirety to read as follows:
 - A. This license applies to the Big Rock Point Plant (the facility) owned by Holtec Palisades. The facility is located in Charlevoix County, Michigan, and is described in the licensee's application dated January 14, 1960, and the Final Hazards Summary Report, as supplemented, updated, and amended by subsequent filings by the licensee.
 - B. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses Holtec Palisades and HDI:
 - B.(1) Pursuant to Section 104b of the Act and 10 CFR Part 50, "Domestic Licensing of Production and Utilization Facilities," to possess the facility at the designated location in Charlevoix County, Michigan, in accordance with the procedures and limitations set forth in this license;
 - B.(2) Pursuant to the Act and 10 CFR Part 70, "Domestic Licensing of Special Nuclear Material," to possess at any one time up to: a) 2500 kilograms of contained uranium-235 in fuel rods, b) 10.32 grams of uranium-235 as contained in fission counters, c) 150 kilograms of plutonium contained in PuO₂-UO₂ fuel rods, and d) 5 curies of plutonium encapsulated as a plutonium-beryllium neutron source,
 - (a) Deleted
 - (b) Deleted
 - (c) Deleted
 - (d) Deleted
 - (e) Deleted
 - (f) Deleted
 - (g) Deleted
 - B.(3) Pursuant to the Act and 10 CFR Part 30, "Rules of General Applicability to Domestic Licensing of Byproduct Material," to receive, possess, and use at any one time up to 7000 curies of antimony-beryllium in the form of neutron sources, 3.7 curies of cobalt-60 as sealed sources, 45 curies of cesium-137 as sealed sources, 10 microcuries of miscellaneous alpha-emitting material as sealed sources, and up to 500 millicuries per nuclide of any byproduct material between atomic numbers 1 and 83, inclusive, without restriction as to chemical and physical form;
 - B.(4) Pursuant to the Act and 10 CFR Part 40, "Domestic Licensing of Source Material," to possess at any one time up to 500 kilograms of depleted uranium dioxide contained in the facility's fuel assemblies;

B.(5) Pursuant to the Act and 10 CFR Parts 30 and 70, to possess, but not separate, such byproduct and special nuclear materials as may be produced by the operation of the facility

C. This license shall be deemed to contain and is subject to the conditions specified in the following Commission regulations in 10 CFR Chapter I: Part 20, Section 30.34 of Part 30, Section 40.41 of Part 40, Sections 50.54 and 50.59 of Part 50, and Section 70.32 of Part 70; and is subject to all applicable provisions of the Act and to the rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the additional conditions specified or incorporated below:

C.(1) Reactor Operation

The reactor is not licensed for power operation. Fuel shall not be placed in the reactor vessel.

C.(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 129, are hereby incorporated in the license. HDI shall maintain the facility in accordance with the Technical Specifications.

C.(3) Physical Protection

The licensee shall fully implement and maintain in effect all provisions of the physical security, guard training and qualification, and safeguards contingency plans approved by the Commission and all amendments and revisions to such plans made pursuant to the authority of 10 CFR 50.90 and 10 CFR 50.54(p), as modified by NRG-approved exemptions. The plan, which contains safeguards information protected under 10 CFR 73.21, is entitled: "Big Rock Point ISFSI Security Plan," as submitted on July 31, 2001, and modified by letter dated March 6, 2002. Changes made in accordance with 10 CFR 73.55 shall be implemented in accordance with the schedule set forth therein.

C.(4) License Termination Plan

The License Termination Plan (LTP) dated April 1, 2003, as supplemented by LTP, Rev. 1, dated July 1, 2004, is approved by NRC License Amendment No. 126.

In addition to those criteria specified in 10 CFR 50.59, 10 CFR 50.82(a)(6), and 10 CFR 50.82(a)(7), changes to the approved LTP shall require NRC approval prior to being implemented if the change:

(a) Increases in radionuclide-specific derived concentration guideline levels of area factors (discussed in Chapter 6 of the LTP);

BIG ROCK POINT DEFUELED TECHNICAL SPECIFICATIONS

6.0 ADMINISTRATIVE CONTROLS

6.1 RESPONSIBILITY AND AUTHORITY

6.1.1 SENIOR NUCLEAR OFFICER

The Senior Nuclear Officer shall be the HDI President and shall be responsible for the overall operation, maintenance and decommissioning of the Big Rock Point nuclear power plant.

6.1.2 SITE GENERAL MANAGER

The site general manager shall be responsible for overall facility operation, maintenance and decommissioning and for periods of absence shall delegate in writing the succession to this responsibility. Unless otherwise specified, the site general manager's delegate has authority to perform all actions and grant approvals assigned by these specifications to the site general manager. The site general manager may delegate specific tasks to other individuals who may perform those tasks whether the site general manager is absent or present at the site.

6.2 ORGANIZATION

6.2.1 REPORTING RELATIONSHIPS

Onsite organization and corporate reporting relationship shall be established as described in the Quality Program Description for Big Rock Point.

6.2.2 FACILITY ORGANIZATION

The site general manager or his designate shall verify that required security staffing and Dry Fuel Storage Technical Specification surveillance(s) have been met.

BIG ROCK POINT DEFUELED TECHNICAL SPECIFICATIONS

6.0 ADMINISTRATIVE CONTROLS

6.3 STAFF QUALIFICATIONS

Each member of the unit staff shall meet or exceed the minimum qualifications of ANSI/ANS 3.1-1978 for comparable positions with exceptions specified in the Quality Assurance Program Manual (QAPM).

6.4 REVIEW AND AUDIT

Requirements for onsite and offsite reviews and audits are described in the Quality Program Description for Big Rock Point.