



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

HOLTEC DECOMMISSIONING INTERNATIONAL, LLC

OYSTER CREEK ENVIRONMENTAL PROTECTION, LLC

DOCKET NO. 50-219

AMENDMENT TO RENEWED FACILITY OPERATING LICENSE

Amendment No. 299  
License No. DPR-16

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for license amendment filed by Holtec Decommissioning International, LLC, dated March 16, 2021, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations set forth in Title 10 of the *Code of Federal Regulations* (10 CFR) Chapter I, and all required notifications to other agencies or bodies have been duly made;
  - B. The facility will operate in conformity with the application, as supplemented, 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 set forth in 10 CFR Chapter I;
  - 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, "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions," of the Commission's regulations, and all applicable requirements have been satisfied.

2. Accordingly, Renewed Facility Operating License No. DPR-16 is amended as indicated in the attachment to this license amendment, and is hereby amended to read as follows:

License Condition 2.C.(2) of Renewed Facility Operating License No. DPR-16 is hereby amended to read:

The Technical Specifications contained in Appendix A, as revised through Amendment No. 299, are hereby incorporated in the license. Holtec Decommissioning International shall possess, maintain, and decommission the facility in accordance with the Permanently Defueled Technical Specifications (PDTs).

License Conditions 2.C.(8), 2.C.(9), 2.C.(16), 2.C.(17), and 2.F. of Renewed Facility Operating License No. DPR-16 are hereby deleted.

3. This license amendment is effective {{date:long}} and shall be implemented within 60 days following notification from the licensee that all spent nuclear fuel assemblies have been transferred out of the spent fuel pool and have been placed in dry storage within the independent spent fuel storage installation.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

Bruce A. Watson, CHP, Chief  
Reactor Decommissioning Branch  
Division of Decommissioning, Uranium Recovery  
and Waste Programs  
Office of Nuclear Material Safety  
and Safeguards

Attachment:  
Change to Renewed Facility  
Operating License No. DPR-16

Date of Issuance: June 25, 2021

ATTACHMENT TO LICENSE AMENDMENT NO. 299  
TO RENEWED FACILITY OPERATING LICENSE NO. DPR-16  
DOCKET NO. 50-219

Replace the following pages of Renewed Facility Operating License No. DPR-16 and Appendices A and B, Technical Specifications, with the attached revised pages. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

Renewed Facility Operating License No DPR-16

REMOVE

INSERT

first page

revised first page

- 2 -

- 2 -

- 3 -

- 3 -

- 4 -

- 4 -

- 5 -

- 5 -

- 6 -

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Appendix A – Technical Specifications

REMOVE

INSERT

All pages  
(including title page)

revised title page  
revised Table of Contents  
Revised Section 5  
Revised Section 6

OYSTER CREEK ENVIRONMENTAL PROTECTION, LLC

AND

HOLTEC DECOMMISSIONING INTERNATIONAL, LLC

DOCKET NO. 50-219

OYSTER CREEK NUCLEAR GENERATING STATION

RENEWED FACILITY OPERATING LICENSE

Renewed License No. DPR-16

1. The Nuclear Regulatory Commission (the Commission) having previously made the findings set forth in License No. DPR-16, has now found that:
  - A. The application for a Renewed Facility Operating License No. DPR-16 filed by the applicant 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 and all required notifications to other agencies or bodies have been duly made;
  - B. DELETED
  - C. Actions have been identified and have been or will be taken with respect to (1) managing the effects of aging during the term of this Renewed Facility Operating License No. DPR-16 on the functionality of structures and components that have been identified to require review under 10 CFR 54.21(a)(1); and (2) time-limited aging analyses that have been identified to require review under 10 CFR 54.21(c), such that there is reasonable assurance that the activities authorized by the renewed operating license will continue to be conducted in accordance with the current licensing basis, as defined in 10 CFR 54.3, for the facility, and that any changes made to the facility's current licensing basis in order to comply with 10 CFR 54.29(a) are in accordance with the Act and the Commission's regulations;
  - D. The facility will be maintained in conformity with the application, as amended; the provisions of the Act; and the rules and regulations of the Commission;
  - E. There is reasonable assurance (i) that the activities authorized by this license 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 rules and regulations set forth in 10 CFR Chapter I;
  - F. Oyster Creek Environmental Protection, LLC (Oyster Creek Environmental Protection) is financially qualified and Holtec Decommissioning International, LLC (Holtec Decommissioning International) is financially and technically qualified to engage in the activities authorized by this license in accordance with the rules and regulations of the Commission;

- G. Oyster Creek Environmental Protection and Holtec Decommissioning International have satisfied the applicable provisions of 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements," of the Commission's regulations;
  - H. The issuance of this license will not be inimical to the common defense and security or to the health and safety of the public;
  - I. The receipt, possession and use of source, byproduct, and special nuclear materials as authorized by this license will be in accordance with the Commission's regulations in 10 CFR Parts 30, 40, and 70; and
  - J. The issuance of this license is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Facility Operating License No. DPR-16, dated July 2, 1991, as amended, is superseded in its entirety by Renewed Facility Operating License No. DPR-16, hereby issued to Oyster Creek Environmental Protection and Holtec Decommissioning International, to read as follows:
- A. This renewed license applies to the Oyster Creek Nuclear Generating Station, a boiling-water reactor and associated equipment (the facility), owned by Oyster Creek Environmental Protection and maintained and operated for decommissioning by Holtec Decommissioning International. The facility is located in Ocean County, New Jersey, and is described in the licensee's Updated Final Safety Analysis Report, as supplemented and amended, and in the licensee's Environmental Report, as supplemented and amended.
  - B. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses:
    - (1) Holtec Decommissioning International pursuant to Section 104b of the Act and 10 CFR Part 50, to possess, maintain, and decommission Oyster Creek Nuclear Generating Station at the designated location on the Oyster Creek site in Ocean County, New Jersey, in accordance with the procedures and limitations set forth in this renewed license;
    - (2) Oyster Creek Environmental Protection pursuant to Section 104b of the Act and 10 CFR Part 50, to possess Oyster Creek Nuclear Generating Station at the designated location on the Oyster Creek site in Ocean County, New Jersey, in accordance with the procedures and limitations set forth in this renewed license;
    - (3) Holtec Decommissioning International pursuant to the Act and 10 CFR Part 70, to possess at any time special nuclear material that was used as reactor fuel, in accordance with the limitations for storage, as described in the Updated Final Safety Analysis Report, as supplemented and amended;

- (4) Holtec Decommissioning International pursuant to the Act and 10 CFR Parts 30, 40, and 70, to receive, possess, and use at any time any byproduct, source, or special nuclear materials as sealed neutron sources that were used for reactor startup, sealed sources that were used for calibration of reactor instrumentation and are used in radiation monitoring equipment, and as fission detectors in amounts as required;
- (5) Holtec Decommissioning International pursuant to the Act and 10 CFR Parts 30, 40, and 70, to receive, possess and use in amounts as required any byproduct, source, or special nuclear materials without restriction to chemical or physical form, for sample analysis or instrument calibration or associated with radioactive apparatus or components; and
- (6) Holtec Decommissioning International pursuant to the Act and 10 CFR Parts 30, 40, and 70, to possess, but not separate such byproduct, source, or special nuclear materials that were produced by the operation of the facility.

C. This license shall be deemed to contain and is subject to the conditions specified in the Commission's regulations set forth in 10 CFR Chapter I 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:

- (1) DELETED
- (2) Technical Specifications

The Technical Specifications contained in Appendix A and B, as revised through Amendment No. 295 299, are hereby incorporated in the license. Holtec Decommissioning International shall possess, maintain, and decommission the facility in accordance with the Permanently Defueled Technical Specifications (PDTS).

- (3) DELETED
- (4) Holtec Decommissioning International shall fully implement and maintain in effect all provisions of the Commission-approved physical security, training and qualification, and safeguards contingency plans including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822), and the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The combined set of plans<sup>1</sup>, submitted by letter dated May 17, 2006, is entitled: "Oyster Creek Nuclear Generating Station Security Plan, Training and Qualification Plan, and Safeguards Contingency Plan, Revision 5." The set contains Safeguards Information protected under 10 CFR 73.21.

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<sup>1</sup> The Training and Qualification Plan and Safeguards Contingency Plan are Appendices to the Security Plan.

DELETED

(5) DELETED

(6) DELETED

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(10) DELETED

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(15) DELETED

(16) DELETED

(17) DELETED

D. DELETED

E. DELETED

F. DELETED

3. Sale and License Transfer Conditions:

A. DELETED

B. DELETED

C. DELETED

D. DELETED

E. DELETED

F. DELETED

G. DELETED

H. DELETED

I. DELETED

J. DELETED

K. DELETED

L. DELETED

M. DELETED

N. At the time of the closing of the transfer of Oyster Creek, and the respective license from Exelon Generation Company to Oyster Creek Environmental Protection and Holtec Decommissioning International, Exelon Generation Company shall transfer ownership and control of assets from the Oyster Creek Nuclear Generating Station Qualified Fund to the Oyster Creek Environmental Protection Qualified Nuclear Decommissioning Trust. Also, at the time of closing, decommissioning funding assurance provided by Oyster Creek Environmental Protection, using a method allowed under 10 CFR 50.75, must be equal to or greater than the minimum amount calculated on that date pursuant to, and required by 10 CFR 50.75 for Oyster Creek. Furthermore, funds dedicated for Oyster Creek prior to closing shall remain dedicated to Oyster Creek following the closing.

4. This license is effective as of the date of issuance and is effective until the Commission notifies the licensee in writing that the license is terminated.

FOR THE NUCLEAR REGULATORY COMMISSION

**/RA/**

Bruce S. Mallett  
Deputy Executive Director for Reactor  
and Preparedness Programs  
Office of the Executive Director for Operations

Attachment:  
Appendix A ~~and B~~—  
ISFSI Only Technical Specifications

Date of Issuance: April 8, 2009



Docket No. 50-219

October 1, 1986

APPENDIX A  
RENEWED FACILITY LICENSE DPR-16  
ISFSI ONLY TECHNICAL SPECIFICATIONS

FOR

OYSTER CREEK NUCLEAR POWER PLANT

UNIT NO. 1

OCEAN COUNTY, NEW JERSEY

OYSTER CREEK ENVIRONMENTAL PROTECTION, LLC  
AND  
HOLTEC DECOMMISSIONING INTERNATIONAL, LLC

Amendment No. ~~194, 210, 213, 296, 297, 298, 299~~

Renewed License No. DPR-16  
Amendment No. ~~298~~ 299

APPENDIX B

DELETED

Amendment No. ~~59, 66, 107, 194, 207, 210, 213, 271, 296, 297, 298~~

Renewed License No. DPR-16  
Amendment No. ~~298~~ 299

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Sections 1, 2, 3, & 4 Deleted  
Sections 1, 2, 3, & 4 Deleted

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### Section 6 ADMINISTRATIVE CONTROLS

6.1- 6.12 DELETED  
6.1- 6.12 DELETED  
6.13 High Radiation Area Page 6.1  
6.14-6.21 DELETED

OYSTER CREEK

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Amendment No.: ~~161,106,205,241,276,~~  
~~290, 295-295~~

## SECTION 5

### DESIGN FEATURES

#### 5.1 SITE

The Oyster Creek Nuclear Generating Station facility is located adjacent to State Highway Route 9 near the Atlantic Ocean within the State of New Jersey. The facility site, approximately 152 acres, is in Lacey Township, Ocean County.

#### 5.2 SPENT FUEL STORAGE

5.2.1 Spent Fuel Storage shall not be stored in the Spent Fuel Pool.

## SECTION 6

### ADMINISTRATIVE CONTROLS

#### 6.13 HIGH RADIATION AREA

6.13.1 In lieu of the "control device" or "alarm signal" required by Section 20.1601 of 10 CFR 20, each high radiation area in which the intensity of radiation at 30 cm (11.8 in.) is greater than deep dose equivalent of 100 mRem/hr but less than 1,000 mRem/hr shall be barricaded and conspicuously posted as a high radiation area and entrance thereto shall be controlled by requiring issuance of a Radiation Work Permit (RWP).

NOTE: Health Physics personnel shall be exempt from the RWP issuance requirement during the performance of their assigned radiation protection duties, provided they are following plant radiation protection procedures for entry into high radiation areas.

An individual or group of individuals permitted to enter such areas shall be provided with one or more of the following:

- a. A radiation monitoring device which continuously indicates the radiation dose rate in the area.
- b. A radiation monitoring device which continuously integrates the radiation dose rate in the area and alarms when a pre-set integrated dose is received. Entry into such areas with this monitoring device may be made after the dose rate levels in the area have been established and personnel have been made knowledgeable of them.
- c. A health physics qualified individual (i.e., qualified in radiation protection procedures) with a radiation dose rate monitoring device who is responsible for providing positive exposure control over the activities within the area and who will perform periodic radiation surveillance at the frequency in the RWP. The surveillance frequency will be established by the management position responsible for radiological controls.

6.13.2 Specification 6.13.1 shall also apply to each high radiation area in which the intensity of radiation is greater than deep dose equivalent of 1,000 mRem/hr at 30 cm (11.8 in.) but less than 500 rads in 1 hour at 1 meter (3.28 ft.) from sources of radioactivity. In addition, locked doors shall be provided to prevent unauthorized entry into such areas and the keys shall be maintained under the administrative control of operations and/or radiation protection supervision on duty.