

SAFEGUARDS INFORMATION



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

May 12, 2021

Ms. Pamela B. Cowan
Senior Vice President
and Chief Operating Officer
Holtec Decommissioning International, LLC
Krishna P. Singh Technology Campus
1 Holtec Blvd.
Camden, NJ 08104

**SUBJECT: PILGRIM NUCLEAR POWER STATION - ISSUANCE OF AMENDMENT TO
REVISE THE PHYSICAL SECURITY PLAN - ALTERNATIVE MEASURES
(EPID: L-2020-LLA-0230)**

Dear Ms. Cowan:

The U.S. Nuclear Regulatory Commission (NRC) has issued the enclosed (Enclosure 1) Amendment No. 254 to Renewed Facility Operating License No. DPR-35 for the Pilgrim Nuclear Power Station (Pilgrim). The amendment is issued in response to Holtec Decommissioning International, LLC's (HDI's) application dated October 5, 2020 (Agencywide Documents Access and Management System [ADAMS] Accession No. Main Library [ML] [ML20283A292](#)), as supplemented on December 10, 2020 (ADAMS Accession No. [ML20346A047](#)), February 25, 2021 (ADAMS Accession No. [ML21063A104](#)), and March 17, 2021 (ADAMS Accession No. ML21077A103, non-public OUO-Security Related Information). The supplemental information did not change the scope or complexity of the review.

The amendment revises the Pilgrim Physical Security Plan (PSP) and revises License Condition 3.G, "Physical Protection." The revised PSP, Rev. 20, integrates the existing PSP's Appendix D, and provides the security requirements for the site which includes the two Independent Spent Fuel Storage Installations (ISFSIs).

Enclosure 2 contains the NRC staff's associated safety evaluation which includes "Safeguards Information" as defined by 10 CFR 73.22 and its disclosure to unauthorized individuals is prohibited by Section 147 of the Atomic Energy Act of 1954, as amended, and must be protected accordingly. The Notice of Issuance will be included in the Commission's upcoming monthly *Federal Register* notice.

The NRC staff determined that the proposed modified Pilgrim PSP would continue to meet the requirements in 10 CFR 72.212(b)(9). As such, the Pilgrim PSP provides reasonable assurance that adequate protective measures can and will be taken in the occurrence of a physical security contingency at the site.

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On February 2, 2021, the license amendment request; opportunity to comment, request a hearing, and petition for leave to intervene; and order imposing procedures was published in the *Federal Register* (Federal Register Volume 86, Number 20 [Tuesday, February 2, 2021], Pages 7885-7892). No comments or requests were received.

The NRC staff consulted with the Commonwealth of Massachusetts on April 6, 2021 (ADAMS Accession No. [ML21097A040](#)), regarding the proposed no significant hazard determination for the proceeding. The Commonwealth of Massachusetts did not respond. The NRC determined that the amendment has no significant hazards.

The NRC staff concludes that there will be no significant construction impacts from a change in the physical security plan strategy and a categorical exclusion from 10 CFR 51.22(c)(12) applies.

The amendment is effective immediately. The Physical Security Plan, Rev. 20, except Appendix D, shall be implemented when the required physical security training to address changes from Rev. 19A to Rev. 20 is complete. Appendix D of the Physical Security Plan, Revision 20, shall not be implemented until after the required security training to address changes from Appendix D Rev. 19A to Appendix D Rev. 20 is complete and the licensee receives written verification from the NRC that the licensee has adequately demonstrated compliance with the additional security measure requirements (as applicable to ISFSI II) per Order EA-13-132.

In accordance with 10 CFR 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of ADAMS. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

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If you have any questions, please contact me, at (301) 415-6822 or via e-mail at amy.Snyder@nrc.gov.

Sincerely,

 Signed by Snyder, Amy
on 05/12/21

Amy M. Snyder, Senior Project Manager
Reactor Decommissioning Branch
Division of Decommissioning, Uranium Recovery,
and Waste Programs
Office of Nuclear Material Safety
and Safeguards

Docket Nos.: 50-293 and 72-1044

Enclosures:

1. Amendment No. 254- DPR-35
2. Safety Evaluation (Safeguards –
Withhold public)

cc: via Listserv (w/o Enc. 2)

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

HOLTEC DECOMMISSIONING INTERNATIONAL, LLC.

DOCKET NO. 50-293

PILGRIM NUCLEAR POWER STATION

AMENDMENT TO RENEWED FACILITY OPERATING LICENSE

Amendment No. 254
License No. DPR-35

1. The Nuclear Regulatory Commission (the Commission or the NRC) has found that:
 - A. The facility will operate in conformity with the application, as supplemented, the provisions of the Act, and the rules and regulations of the Commission;
 - B. 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;
 - C. 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
 - D. 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, the license is amended by changes to Section 3.G of Renewed Facility Operating License No. DPR-35, and is hereby amended to read as follows:

The licensee 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 10 CFR 72.212(b)(9) and to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The combined set of plans, which contain Safeguards Information protected under 10 CFR 73.21, is titled: "Pilgrim Nuclear Power Station Security Plan, Training and Qualification Plan, Safeguards Contingency Plan, and Pilgrim ISFSI II Physical Security Plan, Revision 20," [dated October 5, 2020 \(Agencywide Documents Access and Management System \[ADAMS\] Accession No. Main Library \[ML\] ML20283A292\), as supplemented by letters December 10, 2020 \(ADAMS Accession No. ML20346A047\), February 25, 2021 \(ADAMS Accession No. ML21063A104\), and March 17, 2021 \(ADAMS Accession No. ML21077A103, non-public OUC-Security Related Information\).](#)

3. This license amendment is effective immediately. The Physical Security Plan, Rev. 20, except Appendix D, shall be implemented when the required physical security training to address changes from Rev. 19A to Rev. 20 is complete. Appendix D of the Physical Security Plan, Revision 20, shall not be implemented until after the required security training to address changes from Appendix D Rev. 19A to Appendix D Rev. 20 is complete and the licensee receives written verification from the NRC that the licensee has adequately demonstrated compliance with the additional security measure requirements (as applicable to ISFSI II) per Order EA-13-132.

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 Facility
Operating License No. DPR-35

Date of Issuance: May 12, 2021

ATTACHMENT TO LICENSE AMENDMENT NO. 254

TO RENEWED FACILITY OPERATING LICENSE NO. DPR-35

DOCKET NO. 50-293

Replace the following page of the Renewed Facility License with the attached revised page. The revised page is identified by amendment number and contains a vertical line indicating the area of change.

Renewed Facility License No. DPR-35

Remove

Insert

-3-

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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 below:

A. DELETED

B. Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 252, are hereby incorporated in the renewed license. The licensee shall maintain the facility in accordance with the Permanently Defueled Technical Specifications.

C. Records

HDI shall keep facility records in accordance with the requirements of the Technical Specifications.

D. DELETED

E. DELETED

F. DELETED

G. Physical Protection

The licensee 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 10 CFR 72 .212(b)(9) and to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The combined set of plans, which contain Safeguards Information protected under 10 CFR 73.21, is titled: "Pilgrim NuclearPower Station Security Plan, Training and Qualification Plan, Safeguards Contingency Plan, and Pilgrim ISFSI II Physical Security Plan, Revision 20," dated October 5, 2020 (Agencywide Documents Access and Management System [ADAMS] Accession No. Main Library [ML] ML20283A292), as supplemented by letters December 10, 2020 (ADAMS Accession No. ML20346A047), February 25, 2021 (ADAMS Accession No. ML21063A104), and March 17, 2021 (ADAMS Accession No. ML21077A103, non-public OUC-Security Related Information).

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SAFETY EVALUATION BY THE OFFICE OF
NUCLEAR SECURITY AND INCIDENT RESPONSE
RELATED TO AMENDMENT NO. 254
TO RENEWED FACILITY OPERATING LICENSE NO. DPR-35

Enclosure 2

ENCLOSURE 2 CONTAINS "SAFEGUARDS INFORMATION." THIS ENCLOSURE MUST BE PROTECTED ACCORDINGLY. UPON REMOVAL OF ENCLOSURE 2 THIS LETTER IS DECONTROLLED

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PILGRIM NUCLEAR POWER STATION - ISSUANCE OF AMENDMENT TO REVISE THE PHYSICAL SECURITY PLAN - ALTERNATIVE MEASURES (EPID: L-2020-LLA-0230) DATE May 12, 2021

DISTRIBUTION:

- RidsACRS_MailCTRResource, ACRS
- RidsRgn1MailCenterResource, RGN I
- RidsNmssDuwpRdb, NMSS
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- NSheehan, OPA/OPA-RI
- JKuhlmann, OCA
- DMcIntyre, OPA
- DTiff, R-I/EAGLT

ADAMS Accession No.: ML21103A046; Ltr ML21103A055

OFFICE	NMSS/DUWP/RDB	NMSS/DUWP/RDB	NSIR/DPCP/MSB	OGC/GCRPS /HLWFCNS/NLO
NAME	ASnyder AS	BWatson BW	ARivera AR	NSt. NS
DATE	Apr 13, 2021	Apr 13, 2021	Apr 21, 2021	May 10, 2021
OFFICE	NMSS/DUWP/RDB	NMSS/DUWP/RDB		
NAME	ASnyder AS	BWatson BW		
DATE	May 12, 2021	May 12, 2021		

OFFICIAL RECORD COPY