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10 CFR 50 Appendix I

May 16, 2022

Attn: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Pilgrim Nuclear Power Station
Renewed Facility Operating License No. DPR-35
Docket No. 50-293 and 72-1044

Subject: Annual Radiological Environmental Operating Report for January 1 through December 31, 2021.

Enclosed with this cover letter is the Annual Radioactive Environmental Operating Report for calendar year 2021 for Pilgrim Nuclear Power Station (PNPS). This submittal is made in accordance with the PNPS Defueled Safety Analysis Report, Appendix B-5.6.2, Annual Radioactive Environmental Operating Report.

This letter contains no new regulatory commitments.

Should you have any question or require further information, please contact Mark Lawson, Radiation Protection and Chemistry Manager, at (508) 830-7109 or me at (856) 797-0900, ext. 3578.

Sincerely,

Jean A. Fleming

Vice President, Licensing, Regulatory Affairs, & PSA
Corporate Engineering Division
Holtec International, LLC

Enclosure: Annual Radiological Environmental Operating Report, January 2021 through December 2021

cc:

USNRC Regional Administrator, Region I
USNRC Project Manager, NMSS - Pilgrim Nuclear Power Station
USNRC Region I, Lead Inspector - Pilgrim Nuclear Power Station
Director, Massachusetts Emergency Management Agency
Deputy Regional Director Bureau of Air & Waste, Massachusetts DEP
Environmental Analyst Surface Water Discharge Permitting Program, Massachusetts DEP
Director, Massachusetts Department of Public Health Radiation Control Program