



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PA 19406-2713

September 24, 2018

Mr. Brian Sullivan
Site Vice President
Entergy Nuclear Operations, Inc.
Pilgrim Nuclear Power Station
600 Rocky Hill Road
Plymouth, MA 02360-5508

SUBJECT: PILGRIM NUCLEAR POWER STATION – BASELINE SECURITY INSPECTION
REPORT 05000293/2018411

Dear Mr. Sullivan:

On August 30, 2018, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your Pilgrim Nuclear Power Station and discussed the results of this inspection with you and other members of your staff. Inspection results are documented in the enclosed report.

NRC inspectors did not identify any finding or violation of more than minor significance.

This letter and the enclosed report will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC's Public Document Room in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, "Public Inspections, Exemptions, Requests for Withholding."

If you choose to provide a response containing Security-Related Information, please mark your entire response "Security-Related Information—Withhold from public disclosure under 10 CFR 2.390" in accordance with 10 CFR 2.390(d)(1) and follow the instructions for

withholding in 10 CFR 2.390(b)(1). The NRC is waiving the affidavit requirements for your response in accordance with 10 CFR 2.390(b)(1)(ii).

Sincerely,

/RA/

Raymond R. McKinley, Chief
Plant Support Branch
Division of Reactor Safety

Docket No. 50-293
License No. DPR-35

Enclosure:
Inspection Report 05000293/2018411

cc w/encl: Distribution via ListServ
S. Sarver, Protective Services Department
Section Manager
J. Giarrusso, SLO, Massachusetts Emergency
Management Agency (MEMA)

SUBJECT: PILGRIM NUCLEAR POWER STATION – BASELINE SECURITY INSPECTION
REPORT 05000293/2018411 DATED SEPTEMBER 24, 2018

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U.S. NUCLEAR REGULATORY COMMISSION

REGION I

Docket Number: 50-293

License Number: DPR-35

Report Number: 05000293/2018411

Enterprise Identifier: I-2018-411-0016

Licensee: Entergy Nuclear Northeast (Entergy)

Facility: Pilgrim Nuclear Power Station

Location: Plymouth, MA

Dates: August 27 – August 30, 2018

Inspectors: D. Caron, Senior Physical Security Inspector
K. Hussar, Physical Security Inspector
S. McCarver, Physical Security Inspector

Approved By: Raymond R. McKinley, Chief
Plant Support Branch 1
Division of Reactor Safety

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring Entergy's performance at Pilgrim Nuclear Power Station by conducting the baseline security inspections described in this report in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information.

No findings or more-than-minor violations were identified.

INSPECTION SCOPE

Unless otherwise noted, baseline security inspections were conducted using guidance in the appropriate inspection procedures (IPs) in effect at the beginning of the inspection. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter 2201, "Security Inspection Program for Commercial Nuclear Power Reactors." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards.

SAFEGUARDS

71130.05 Protective Strategy (2 Samples)

NRC inspectors evaluated the licensee's protective strategy through completion of the following IP elements:

Tier I All Requirements

Tier II 18 Requirements (02.05 a, 02.06 a, c, d, f – n, 02.07 a – e)

Tier III 4 Requirements (02.09 b, c, 02.10 a, 02.11 a)

71130.14 Review of Power Reactor Target Sets (1 sample)

NRC inspectors evaluated the licensee's target set program through completion of all elements in the IP.

EXIT MEETINGS AND DEBRIEFS

On August 30, 2018, the inspectors presented the inspection results to Mr. Brian Sullivan, Site Vice President, and other members of the licensee's staff. Inspectors verified no proprietary information was retained or documented in this report.

DOCUMENTS REVIEWED**71130.05**

EN-NS-215, Conduct of Security Force Exercises and Drills, Revision 18

EN-NS-216, Controller Responsibility Guidelines, Revision 11

Pilgrim Nuclear Power Station Integrated Response Plan, 8/30/13

Calc. No. C15.0.3271, Enercon Services, Inc., Revision 2, 10/17/04

Security Procedure No 1.06, Security Patrols and Equipment Inspections, Revision 20

Security Procedure No 2.03, Bullet Resistant Enclosures (BRE), Revision 5

Security Procedure No 5.01, CAS/SAS/SOCA Alarm Station Operations, Revision 18

71130.14

EN-NS-220, Managing the Safety/Security Interface, Revision 4

EN-NS-306, Development and Maintenance of Target Sets, Revision 5

Procedure 5.3.14, Security Incidents, Revision 43

QA-16-2017-PNP-1, Quality Assurance Audit Report, October 16 – December 7, 2017