



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

May 30, 2018

EA-17-143

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 – REPLY TO NOTICE OF VIOLATION  
(NRC INVESTIGATION REPORT NO. 1-2017-011)**

Dear Mr. Sullivan:

The U.S. Nuclear Regulatory Commission (NRC) is in receipt of Entergy's letter dated March 29, 2018 (ML18117A163<sup>1</sup>) which responds to our February 27, 2018, letter and NRC Notice of Violation (ML18052B084). That letter cited Entergy for being in violation of a condition of Pilgrim's NRC license as specified in the facility technical specifications. Specifically, the letter and Notice of Violation describe the failure to comply with the applicable procedure when Pilgrim staff did not properly implement a surveillance test of the reactor core isolation cooling (RCIC) system on March 27, 2017. The staff performing the RCIC steam line high temperature surveillance test deliberately failed to perform concurrent verification of installation of an electrical connection as required by the procedure to ensure they were manipulating the proper component, resulting in inadvertently isolating the high-pressure coolant injection system and rendering it unavailable for 33 minutes. The NRC will review the implementation of your corrective actions during a future inspection to determine their adequacy and that full compliance has been achieved and maintained.

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<sup>1</sup> The designation in parentheses refers to an Agencywide Documents Access and Management System (ADAMS) Accession Number. Documents referenced in this letter are publicly available using the Accession Number in ADAMS

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

Sincerely,

***/RA/***

Anthony Dimitriadis, Chief  
Reactor Projects Branch 5  
Division of Reactor Projects

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(NRC INVESTIGATION REPORT NO. 1-2017-011) dated May 30, 2018

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