



Entergy Nuclear Operations, Inc.
600 Rocky Hill Road
Plymouth, MA 02360

Pilgrim Nuclear Power Station

August 3, 2012

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

SUBJECT: Entergy Nuclear Operations, Inc.
Pilgrim Nuclear Power Station
Docket 50-293
License No. DPR-35

Special Report – TS Table 3.2.F, Inoperable Reactor Building Vent
Radiation Monitor

LETTER NUMBER: 2.12.059

Dear Sir or Madam:

This special report is submitted in accordance with Pilgrim Station's Technical Specifications Table 3.2.F, Note 7.

Technical Specification Table 3.2.F, Note 7 requires the submittal of a special report if the Reactor Building Vent Radiation Monitor, RI-1001-609/RR-1001-608 becomes inoperable and is not restored to operable status within 7 days. The enclosure describes the cause of the inoperability, the actions taken, and the plans and schedule for restoring the monitor to operable status. The current schedule to restore the instrument to operable status is on or before August 17, 2012, pending installation and testing of a new power supply and trip unit.

This letter contains one commitment to update this special report if the instrument is not restored to operable status by August 17, 2012

Please contact me at (508) 830-8403, if there are any questions regarding this subject.

Joseph Lynch
Licensing Manager

JL:wgl
Enclosure: Special Report (1page)

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Entergy Nuclear Operations, Inc
Pilgrim Nuclear Station

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Pilgrim Nuclear Power Station

ENCLOSURE TO ENTERGY LETTER NO 2.12.059

SPECIAL REPORT IN ACCORDANCE WITH

PILGRIM TECHNICAL SPECIFICATION TABLE 3.2.F, NOTE 7

Cause of Inoperability

The Reactor Building Vent Radiation Monitor was declared inoperable on July 20, 2012, while the plant was operating at 100%.

The monitor declared inoperable because it was discovered to have failed downscale. The cause of this failure was failure of the high voltage power supply and trip unit.

Actions Taken

A Condition Report (CR-PNP-2012-3120) was written to perform a functional failure review and initiate corrective actions. A Work Order has been initiated to correct this condition. The monitor requires a new high voltage power supply and trip unity assembly based upon troubleshooting performed to date. The parts have been ordered and upon receipt will be inspected, bench calibrated and installed in the plant. Following successful post work testing, the instrument will be returned to operable status.

Plans and Schedule to Restore the Instrument to Operable Status

The Reactor Building Vent Radiation Monitor is expected to be declared operable on or before August 17, 2012, upon installation and post work testing of both electronic and detector parts.

Regulatory Commitment

Commitment	One Time	Continuous Compliance	Completion Date
The schedule of August 17, 2012 to declare Reactor Building Vent Radiation Monitor operable is a target date and Entergy will update this special report for any schedule changes.	X		An update to the Special Report will be submitted by August 17, 2012, for any schedule changes.