



Entergy Nuclear Operations, Inc.  
1340 Echelon Parkway  
Jackson, MS 39213  
Tel 601-368-5573

Mandy K. Halter  
Director, Nuclear Licensing

10 CFR 50.90  
10 CFR 50.54(q)(4)

Letter Number: 2.18.063

November 8, 2018

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

SUBJECT: Response to Request for Additional Information – License Amendment Request to Revise the Pilgrim Nuclear Power Station Emergency Plan and Emergency Action Level Scheme to Address the Permanently Defueled Condition

Pilgrim Nuclear Power Station  
Docket 50-293  
Renewed License No. DPR-35

- REFERENCES:
1. Entergy Nuclear Operations, Inc. letter to NRC, "License Amendment Request to Revise the Pilgrim Nuclear Power Station Emergency Plan and Emergency Action Level Scheme to Address the Permanently Defueled Condition," dated August 1, 2018 (ADAMS Accession No. ML18218184)
  2. NRC email to Entergy Nuclear Operations, Inc., "RAIs – Pilgrim – LAR – EP and EAL Scheme to Address Permanently Defueled Condition," dated October 12, 2018 (ADAMS Accession No. ML18285A818)

In Reference 1, Entergy Nuclear Operations, Inc. (ENO) submitted a license amendment request (LAR) to the U.S. Nuclear Regulatory Commission (NRC) for approval of a revision to the Pilgrim Nuclear Power Station (PNPS) Site Emergency Plan (SEP).

In Reference 2, the NRC requested additional information concerning the LAR.

Attachment 1 to this letter provides the ENO response to the NRC request for additional information (RAI). Attachments 2 through 5 provide revised pages of enclosures and attachments provided in Reference 1. These revised pages supersede the original pages in their entirety.

This RAI response does not impact the conclusions of the no significant hazards evaluation or the environmental considerations evaluation presented in Reference 1.

This letter contains no new commitments and no revisions to existing commitments.

If you have any questions or require additional information, please contact Mr. Peter J. Miner at (508) 830-7127.

AX45  
NRR

In accordance with 10 CFR 50.91, "Notice for public comment; State consultation," paragraph (b), a copy of this submittal has been provided to the designated Commonwealth of Massachusetts officials.

I declare under penalty of perjury that the foregoing is true and correct. Executed on November 8, 2018.

Respectfully,



Mandy K. Halter

MKH/dd/mp

Attachments:

1. Response to Request for Additional Information - License Amendment Request to Revise the Pilgrim Nuclear Power Station Emergency Plan and Emergency Action Level Scheme to Address the Permanently Defueled Condition
2. Revised Pages of the PNPS Permanently Defueled Emergency Plan (Enclosure 1 of the LAR)
3. Revised Pages of the Permanently Defueled Emergency Action Level Technical Bases Document (Enclosure 2 of the LAR)
4. Revised Pages of the Permanently Defueled Emergency Action Level Scheme Matrix (Enclosure 3 of the LAR)
5. Revised Pages of the Comparison Matrix for Permanently Defueled EALs Based on NEI 99-01, "Development of Emergency Action Levels for Non-Passive Reactors," Revision 6 (Attachment 2 of the LAR)

cc:

Mr. David C. Lew  
Acting Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
2100 Renaissance Blvd, Suite 100  
King of Prussia, PA 19406-2713

Mr. John Lamb, Senior Project Manager  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Mail Stop 9 D12  
Washington, DC 20555-0001

Letter Number 2.18.063

Page 3 of 3

Mr. John Giarrusso, Jr.  
Planning, Preparedness and Nuclear Section Chief  
Massachusetts Emergency Management Agency  
400 Worcester Road  
Framingham, MA 01702

Mr. John Priest, Director  
Massachusetts Department of Public Health  
Radiation Control Program  
Commonwealth of Massachusetts  
529 Main Street, Suite 1 M2A  
Charlestown, MA 02129-1121

NRC Senior Resident Inspector  
Pilgrim Nuclear Power Station