



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

Brian R. Sullivan  
Site Vice President

December 08, 2017

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

SUBJECT: Pilgrim Nuclear Power Station's Seventh Six-Month Status Report in Response to June 6, 2013 Commission Order Modifying Licenses with Regard to Reliable Hardened Containment Vents Capable of Operation Under Severe Accident Conditions (Order Number EA-13-109)

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

REFERENCES:

1. NRC Order Number EA-13-109, "Order Modifying Licenses with Regard to Reliable Hardened Containment Vents Capable of Operation Under Severe Accident Conditions," dated June 6, 2013 (Accession No. ML13143A334)
2. NRC Interim Staff Guidance JLD-ISG-2013-02, "Compliance with Order EA-13-109, Order Modifying Licenses with Regard to Reliable Hardened Containment Vents Capable of Operation Under Severe Accident Conditions," Revision 0, dated November 2013 (Accession No. ML13304B836)
3. NRC Endorsement of Industry "Hardened Containment Venting System (HCVS) Phase 1 Overall Integrated Plan Template (EA-13-109), Rev 0" (Accession No. ML14128A219)
4. NEI 13-02, "Industry Guidance for Compliance with NRC Order EA-13-109, To Modify Licenses with Regard to Reliable Hardened Containment Vents Capable of Operation Under Severe Accident Conditions," Revision 0, dated November 2013
5. Entergy's Phase 1 Overall Integrated Plan in Response to June 6, 2013 Commission Order Modifying Licenses with Regard to Reliable Hardened Containment Vents Capable of Operation Under Severe Accident Conditions (Order Number EA-13-109), dated June 30, 2014
6. Notification of Permanent Cessation of Power Operations dated November 10, 2015 (Accession No. ML15328A053) (PNPS letter 2.15.080)
7. Pilgrim Nuclear Power Station's Third Six-Month Status Report, Phase 2 Overall Integrated Plan, and Responses to Phase 1 Interim Staff Evaluation Open Items in Response to June 6, 2013 Commission Order Modifying Licenses with Regard to Reliable Hardened Containment Vents Capable of Operation Under Severe Accident Conditions (Order Number EA-13-109) (Accession No. ML15358A042) (PNPS Letter 2.15.082)

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8. Pilgrim Nuclear Power Station's Request for Extension to Comply with NRC Order EA-13-109, Order Modifying Licenses With Regard To Reliable Hardened Containment Vents Capable of Operation Under Severe Accident Conditions (Accession No. ML15358A042) dated June 24, 2016 (PNPS Letter 2.16.028)
9. Pilgrim Nuclear Power Station - Relaxation of the Schedule Requirements for Order EA-13-109: Order Modifying Licenses With Regard to Reliable Hardened Containment Vents Capable of Operation Under Severe Accident Conditions (Accession No. ML17032A050) dated April 17, 2017 (PNPS Letter 1.17.024)
10. Pilgrim Nuclear Power Station's Sixth Six-Month Status Report in Response to Commission Order EA-13-109 dated June 30, 2017 (PNPS Letter 2.17.046)

LETTER NUMBER: 2.17.080

Dear Sir or Madam:

On June 6, 2013, the U. S. Nuclear Regulatory Commission (NRC) issued an order (Reference 1) to Entergy Nuclear Operations, Inc. (Entergy). Reference 1 was immediately effective and directs Entergy to install a reliable hardened venting capability for pre-core damage and under severe accident conditions, including those involving a breach of the reactor vessel by molten core debris. Specific requirements are outlined in Attachment 2 of Reference 1. Reference 1 required submission of Phase 1 and Phase 2 overall integrated plans pursuant to Section IV, Condition D. Reference 3 endorses industry guidance document NEI 13-02, Revision 0 (Reference 4) with clarifications and exceptions identified in Reference 2. References 5 and 7 provided the Entergy Phase 1 and Phase 2 overall integrated plans.

Reference 1 requires submission of a status report at six-month intervals following submittal of the overall integrated plan. References 2 and 4 provide direction regarding the content of the status reports.

However, per Reference 6, Entergy plans to permanently cease operation of PNPS no later than June 1, 2019 and subsequently submitted a Request for Extension via Reference 8. The NRC Staff relaxed the requirement of the order for full implementation of Phase 1 requirements until December 31, 2019 via Reference 9 on April 17, 2017. In addition, PNPS will permanently cease operation prior to the applicable compliance date of June 30, 2019 for Phase 2 of the order, for which an Overall Integrated Plan (OIP) was previously submitted via Reference 7 on December 17, 2015. Accordingly, PNPS will no longer report milestone accomplishments for Phase 1 or 2. As noted in Reference 10, we believe that the PNPS FLEX Strategy that utilizes Wetwell Venting and Severe Accident Water Addition and Management Strategies to mitigate Beyond-Design-Basis Events continues to meet the primary objectives of NRC Order EA-13-109.

The purpose of this letter is to notify the NRC Staff that PNPS's six-month status report pursuant to Section IV, Condition D, of Reference 1, that delineates progress made in implementing the requirements of Reference 1 will no longer be submitted.

If you have any questions or require additional information, please contact Mr. Everett Perkins, Jr. at (508) 830-8323.

There are no regulatory commitments contained in this letter.

I declare under penalty of perjury that the foregoing is true and correct; executed on December 08, 2017.

Sincerely,



Brian R. Sullivan  
Site Vice President  
BRS/rb

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