



Entergy Nuclear Operations, Inc.
Palisades Nuclear Plant
27780 Blue Star Memorial Highway
Covert, MI 49043-9530
Tel 269 764 2000

Jeffery A. Hardy
Regulatory Assurance Manager

PNP 2018-017

March 29, 2018

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

SUBJECT: Milestone Schedule for Generic Safety Issue – 191 Resolution

Palisades Nuclear Plant
Docket 50-255
Renewed Facility Operating License No. DPR-20

- REFERENCES:**
1. Entergy Nuclear Operations, Inc. letter to NRC, PNP 2013-041, "Generic Safety Issue – 191 Closure Option," dated May 15, 2013 (ADAMS Accession No. ML13136A0063)
 2. Entergy Nuclear Operations, Inc. letter to NRC, PNP 2013-092, "Schedule for Generic Safety Issue – 191 Resolution," dated December 18, 2013 (ADAMS Accession No. ML13353A567)
 3. NRC letter to Entergy Nuclear Operations, Inc, "Summary of September 28, 2016, Public Meeting with Entergy Nuclear Operations, Inc. Regarding the Proposed Closure Plan for Generic Safety Issue 191, 'Assessment of Debris Accumulation on Pressurized Water Reactor (PWR) Sump Performance,'" dated October 11, 2016 (ADAMS Accession No. ML16277A677)
 4. Entergy Nuclear Operations, Inc. letter to NRC, PNP 2017-001, "Certification of Permanent Cessation of Power Operations," dated January 4, 2017 (ADAMS Accession No. ML17004A062)
 5. NRC letter to Entergy Nuclear Operations, Inc, "Palisades Nuclear Plant – Closure of NRC Generic Letter 2004-02 (CAC No. MC4701)," dated February 22, 2017 (ADAMS Accession No. ML17030A014)
 6. Entergy Nuclear Operations, Inc. letter to NRC, PNP 2017-058, "Certification of Permanent Cessation of Power Operations," dated September 28, 2017 (ADAMS Accession No. ML17271A233)
 7. Entergy Nuclear Operations, Inc. letter to NRC, PNP 2017-065, "Supplement to Certification of Permanent Cessation of Power Operations," dated October 19, 2017 (ADAMS Accession No. ML17292A032)

Dear Sir or Madam:

In Reference 1, Entergy Nuclear Operations, Inc. (ENO) notified the NRC that, for resolution of Generic Safety Issue – 191 (GSI-191) at Palisades Nuclear Plant (PNP), it had selected for the risk-informed version of Option 2 in Commission Paper SECY-12-0093, “Closure Options for Generic Safety Issue – 191, Assessment of Debris Accumulation on Pressurized-Water Reactor Sump Performance,” dated September 13, 2004.

In Reference 2, ENO submitted a schedule for GSI-191 resolution. In Reference 3, a public meeting notice was issued to summarize a meeting ENO held with NRC to discuss the status of the PNP GSI-191 project.

In Reference 4, ENO submitted a certification of permanent cessation of power operations with a shutdown date of October 1, 2018. In Reference 5, NRC issued a closure letter for GSI-191 citing the planned shutdown date of October 1, 2018 for PNP. In Reference 6, ENO notified the NRC that PNP would continue operation and changed the date that PNP will permanently cease power operation from October 1, 2018 to the spring of 2022. This notification was supplemented in Reference 7, which notified the NRC that PNP will permanently cease power operation no later than May 31, 2022.

Due to the postponed shutdown date for PNP, ENO is providing a revised schedule for GSI-191 risk-informed resolution at PNP in Attachment 1.

Summary of Commitments

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

Sincerely,



JAH/ach

Attachments: 1. Milestone Schedule for Generic Safety Issue-191 Resolution

cc: Administrator, Region III, USNRC
Project Manager, Palisades, USNRC
Resident Inspector, Palisades, USNRC

**Attachment 1
Palisades Nuclear Plant
Milestone Schedule for Generic Safety Issue – 191 Resolution**

Milestone Schedule

The schedule provided below contains the major milestones for completion of the GSI-191 resolution path activities at PNP.

Schedule for Palisades Nuclear Plant Risk-Informed Resolution

Milestone	Milestone Completion Date¹
Restart Project Post-Shutdown Announcement	Complete
Plant Engineering Studies	October 2018
(Refueling Outage 1R26)	(Fall 2018)
Proposed NRC Meeting on Test Plan	December 2018
Strainer Test	March 2019
Proposed NRC Meeting to Witness Strainer Test	May 2019
Analyze Strainer Test Results ²	July 2019
Determine Necessary Modifications	August 2019
Corrosion and Autoclave Test and Analysis	October 2019
(Refueling Outage 1R27)	(Summer 2020)
Prepare Licensing Amendment Request (LAR)	December 2020
NRC Presubmittal Meeting	January 2021
Submit LAR	February 2021
LAR Approval	February 2022
(Defueling Outage 1R28)	(May 2022)

¹ Milestone dates are subject to change as implementation details are developed.

² Determine if the risk-informed option is necessary or if a deterministic resolution is viable.