



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
WASHINGTON, D.C. 20555-0001

February 13, 2025

Rod L. Penfield
Site Vice President
Vistra Operations Company LLC
Perry Nuclear Power Plant
10 Center Road
Perry, OH 44081-0097

**SUBJECT: PERRY NUCLEAR POWER PLANT, UNIT NO. 1 – SCHEDULE REVISION FOR
THE LICENSE RENEWAL APPLICATION REVIEW (DOCKET NO. 50-440)**

Dear Rod Penfield:

By letter dated July 3, 2023 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML23184A081), Energy Harbor Nuclear Corp. submitted to the U.S. Nuclear Regulatory Commission (NRC) an application for license renewal of Facility Operating License No. NPF-58 for Perry Nuclear Power Plant (PNPP or Perry), Unit No. 1. Effective March 1, 2024, the facility operating license for Perry was transferred from Energy Harbor Nuclear Generation LLC (owner) and Energy Harbor Nuclear Corp. (operator) to Energy Harbor Nuclear Generation LLC (owner) and Vistra Operations Company LLC (operator) (ML24057A092). Upon completion of this license transfer, Vistra Operations Company, LLC (the licensee) assumed the responsibility for all licensing actions under the NRC review at the time of the transfer and requested that the NRC continue its review of these actions (ML24054A498).

By letter dated September 22, 2023 (ML23256A359), the NRC concluded that the application was acceptable for docketing and included the staff's projected review schedule for the PNPP license renewal application (LRA) (Enclosure 1). The purpose of this letter is to inform you of changes in the schedule for the PNPP LRA. A previous schedule change letter was issued on April 19, 2024 (ML24095A328).

For the safety review, the scheduled due dates for "Issue Safety Evaluation Report" and "Advisory Committee on Reactor Safeguards (ACRS) Full Committee Meeting" will be revised. Specifically, the "Issue Safety Evaluation Report" milestone will be revised from March 2025 to May 2025 and the "Advisory Committee on Reactor Safeguards Full Committee Meeting" milestone will be revised from May 2025 to July 2025. These schedule changes result from the quantity and complexity of the outstanding technical issues related to the safety review that remain unresolved.

Specifically, there are outstanding issues in the following technical areas:

- Fire Water System Program
- Structures Monitoring Program
- External Surfaces Monitoring of Mechanical Components Program

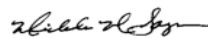
To gain resolution on the outstanding issues, the staff have issued requests for additional information (RAIs) and request for confirmatory items (RCIs). As stated in the NRC staff's letter dated September 22, 2023, the staff's review schedule relies on your responses to the staff's RAIs being of high quality and provided in a timely manner. Additionally, timely receipt of the license's proposed supplements and the licensee's timely response to RAIs will be key to maintaining the revised schedule. In the event that these technical issues are unable to be resolved by April 2025, staff will evaluate the delay and determine the need to further revise the milestone schedule. The estimate of staff hours needed to complete the safety review may also be revised at that time.

In the NRC staff's letter dated September 22, 2023, the staff estimated that the review of the PNPP LRA will take approximately 20,000 hours to complete. The NRC staff does not expect additional hours will be required as a result of the revised schedule.

Enclosure 1 of this letter highlights the staff's revised projected review schedule for the PNPP LRA. The NRC staff will strive to meet the milestones ahead of the revised schedule whenever feasible.

If you have any questions related to this review schedule, please contact Vaughn V. Thomas at Vaughn.Thomas@nrc.gov.

Sincerely,



Signed by Sampson, Michele
on 02/13/25

Michele Sampson, Director
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

Docket No. 50-440

Enclosure:
As stated

cc w/encl: Listserv

SUBJECT: PERRY NUCLEAR POWER PLANT, UNIT NO. 1 – SCHEDULE
 REVISION FOR THE LICENSE RENEWAL APPLICATION REVIEW
 (DOCKET NO. 50-440)
 DATE: FEBRUARY 13, 2025

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ADAMS Accession No: ML25028A163 **via e-concurrence*** **via email**** **NRR-106**

OFFICE	NRR/DNRL/NLRP/PM	NRR/DNRL/NLRP/LA	OGC (NLO)
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OFFICE	NRR/DNRL/NLRP/ABC	NRR/DNRL	
NAME	BRogers	MSampson*	
DATE	02/12/2025	2/13/25	

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PERRY NUCLEAR POWER PLANT, UNIT NO. 1
LICENSE RENEWAL APPLICATION REVIEW SCHEDULE
From NRC Letter dated April 19, 2024

Milestone	Scheduled	Actual
Receive License Renewal Application (LRA)	07/2023	07/3/2023
Publish <i>Federal Register</i> Notice (FRN) – LRA Availability	08/2023	08/09/2023
Publish FRN – Docketing Acceptance/Rejection and Opportunity for Hearing	09/2023	09/26/2023
Publish FRN – Notice of Intent to Prepare an Environmental Impact Statement and Conduct Scoping	09/2023	10/10/2023
Public Meeting – Overview of License Renewal Process and Environmental Scoping	10/2023	10/19/2023 10/25/2023
Environmental Scoping Period Ends	10/2023	11/09/2023
Deadline for Filing Hearing Requests and Petitions for Intervention	11/2023	11/28/2023
Issue Draft Supplemental Environmental Impact Statement (SEIS)	08/2024	
Public Meeting – Draft SEIS Meeting, If Needed	09/2024	
End of Draft SEIS Comment Period	10/2024	
Issue Safety Evaluation Report (SER)	03/2025 05/2025	
Advisory Committee on Reactor Safeguards (ACRS) Subcommittee Meeting	N/A	
Issue Final SEIS	04/2025	
U.S. Environmental Protection Agency FRN Published – Availability of Final SEIS	05/2025	
ACRS Full Committee Meeting	05/2025 07/2025	
Decision – Director, NRR	08/2025	