

**NUCLEAR ENERGY ADVISORY COUNCIL**  
**December 10, 2024, 7:00 PM**  
**Waterford Town Hall**

**MINUTES**

**Members Present**

Alternate Chair Mr. Jeffrey Semancik representing DEEP Commissioner Dykes  
Mr. Craig Salonia                      Mr. J. McGunnigle  
Dr. James Sherrard                      Mr. Bill Sheehan  
Rep A. Nolan                              Mr. A. Jordan

**Members Not Present**

Rep Kevin Ryan, Chair                      Mr. R. Woolrich  
Sen. C. Osten

**1. Call to Order of Meeting**

NEAC Alternate Chair Semancik called the meeting to order at 7:00 PM.

**2. Approval of Minutes of the September 20, 2024, NEAC meeting.**

A motion was made to approve the minutes by Mr. Sherrard and seconded by Mr. McGunnigle. Minutes were approved without any corrections or objections. Mr. Sheehan and Rep Nolan abstained.

**3. Public Comment**

There were no members of the public present.

**4. Council Business:**

- a. New Council member, Rep. Anthony Nolan, introduced himself and provided his background.
- b. Discussion of vacancies and candidates. The Council reviewed current membership and vacancies. Mr. Semancik noted that they received one resume for one volunteer for the Council. He will work with Rep Ryan and Sen Osten to see if Sen Pro Tempore would be willing to nominate.

**5. Discussion of NRC Correspondence Reviewed since past meeting.**

The list of U. S. Nuclear Regulatory Commission (NRC) Correspondence was reviewed.

- a. Updated Inspection Plan for Millstone Power Station, Units 2 and 3 (Reports 05000336/2024005 and 05000423/2024005) dated August 29, 2024.
- b. Millstone Power Station, Unit 2 – Requalification Program Inspection dated October 7, 2024.
- c. Millstone Power Station, Units 2 and 3 – Security Baseline Inspection Report 05000336/2024402 and 05000423/2024402 dated October 8, 2024.
- d. Millstone Power Station, Unit No. 3 - Review of the Fall 2023 Steam Generator Tube Inspection Report (EPID L-2024-LRO-0023) dated October 21, 2024.

- e. Millstone Power Station, Units 2 and 3 – Integrated Inspection Report 05000336/2024003 and 05000423/2024003 and Apparent Violation and Independent Spent Fuel Storage Installation Inspection Report 07200008/2024001 dated November 7, 2024.
- f. Millstone Power Station, Unit 1 – SAFSTOR Inspection Report 05000245/2024001 dated November 12, 2024.
- g. Millstone Power Station, Unit No. 3 – Issuance of Amendment No. 291 To Support Implementation of Framatome GAIA Fuel (EPID L-2023-LLA-0150) dated November 19, 2024.

## 6. Discussion of Other material reviewed

NEAC reviewed the following information:

- a. Framatome GAIA Fuel Product Sheet available at <https://www.framatome.com/solutions-portfolio/portfolio/product/A0528/pwr-fuel-assembly-gaia#:~:text=The%20innovative%20GAIA%20fuel%20design,efficiency%20and%20improved%20fuel%20utilization.>
- b. Dominion Serial No. 24-154, Dominion Energy Nuclear Connecticut, Inc. Millstone Power Station Unit 3 End of Cycle 22 Steam Generator Tube Inspection Report dated May 20, 2024.
- c. Dominion Energy Nuclear Connecticut, Inc. Millstone Power Station Unit 3 Licensee Event Report 2024-001, “Loss of Safety Function and Condition Prohibited by Technical Specifications for Loss of Secondary Containment Boundary” dated October 14, 2024.
- d. Dominion Energy Nuclear Connecticut, Inc. Millstone Power Station Unit 3 Licensee Event Report 2024-002-00, “Door Latch Failure Resulted in Loss of Safety Function for Secondary Containment Boundary” dated November 26, 2024.
- e. Dominion Energy Nuclear Connecticut, Inc. Millstone Power Station Unit 2 Licensee Event Report 2024-002-00, “Two Main Steam Safety Valves Failed to Lift within the Acceptance Criteria Resulting in a Condition Prohibited by Technical Specifications” dated November 26, 2024.

## 7. CY 2024 Annual Report Discussion

The Council discussed their observations of trends in safety and performance of Millstone Station during 2024. Agreed to highlight these in the annual report.

- a. Dominion continues to operate Millstone Units 2 and 3 safely.
- b. Dominion and the Three Yankees continue to safely store spent nuclear fuel.
- c. The NRC continues to provide effective regulatory oversight.
- d. While there was some improvement noted in reducing the number of operational events (forced outages, extended outages, and unplanned power changes), these events continue to challenge station performance. In particular, the Council noted outages continue to be extended beyond schedule.
- e. The number of required Licensee event reports remains high indicating that issues continue to challenge safety systems rather than being identified and corrected at lower levels.
- f. There appear to be a number of repeat issues.
  - i. This warrants additional review of Dominion’s problem identification and resolution (PI&R).

- ii. The repeat nature of several events may be indicative of the loss of organizational knowledge. In particular, the number of changes in key management positions appears high.
- g. There are an increased number of issues related to aging infrastructure at the site and the inspection and maintenance of those structures.
- h. The multiple security related issues continue to occur. The Council lacks visibility into nature of these issues since publicly available reports contain no details.

**8. Approval of Regular Meeting Schedule for CY 2025**

The Council agreed to the following dates and topics for Council's regular 2025 public meetings.

- a. March 27, 2025 – Millstone Annual Performance Meeting (US NRC Presentation)
- b. June 12, 2025 – Discussion of Fusion (fusion company) and Regulation of Fusion (CT DEEP)
  - i. Mr. Semancik to request tour of fusion facility in MA.
- c. September 25, 2025 – Millstone Operations Update (Dominion Presentation)
- d. December 11, 2025 – Annual Report Writing Meeting

**9. Adjournment**

Motion was made to adjourn by Mr. Sheehan and seconded by Mr. Sherrard; no objections; unanimous vote in favor; meeting adjourned at 8:12 PM.