



Millstone Annual Assessment Meeting

Welcome!

This meeting will start shortly

If calling in using the phone:
Dial-in Number: (301) 576-2978
Phone Conference ID: 934440395#



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Millstone Annual Assessment Meeting

Reactor Oversight Process – 2020

Nuclear Regulatory Commission - Region I
King of Prussia, PA
March 18, 2021



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Agenda

- Opening Remarks – Dan Schroeder
- 2020 Millstone ROP Assessment Summary – Dan Schroeder
- COVID-19 Response – Dan Schroeder
- Nuclear Energy Advisory Council (NEAC) Items of Interest
 - Millstone Resident Inspector Summary – Justin Fuller
 - Millstone 2020 Unplanned Power Changes – Justin Fuller
 - Notification of Unusual Event (Earthquake) – Justin Fuller
 - Millstone Significant License Changes – Rich Guzman
- Discussion with members of the Connecticut NEAC – Dan Schroeder
- Public Question and Answer – Dan Schroeder

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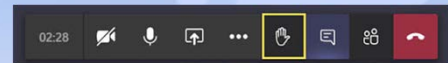
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How To Ask a Question

- Questions will be addressed during the question and answer session following the presentation and discussion with NEAC,
- If you're on your computer, raise your hand to indicate you have a question,
- If on the phone, please press ***6** to unmute your phone and ask your question



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If You Are Having Technical Issues

- Please contact Technical Support:
 - Mark Marziale
 - (610) 337-5062
 - Email: Mark.Marziale@nrc.gov
 - or -
 - Colleen Picciotto
 - (610) 337-5202
 - Email: Colleen.Picciotto@nrc.gov

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Today's Presenters



Daniel Schroeder
Branch Chief
Division of Reactor Projects



Justin Fuller
Senior Resident Inspector



Richard Guzman
NRC Project Manager
Nuclear Reactor Regulation

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Opening Remarks

- **Three full-time residents assigned to Millstone**
- **Inspectors have unfettered access to all areas of the site**
- **Technical specialists conduct additional inspection activities**
- **Inspectors have adapted to COVID-19 work environment**

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Millstone 2020 Assessment Summary

- **Millstone Units 2 & 3 operated safely and in a manner that preserved the public health and safety and protected the environment**
- **Millstone Units 2 & 3 remained in the Licensee Response Column of the Action Matrix**
- **8,210 hours of inspection and related activities**
- **All Green Performance Indicators**
- **6 Green Non-Cited Violations (NCVs)**
- **2 SL-IV Violations**

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NRC Actions in Response to COVID-19

- **Monitoring plant activities through inspections and oversight**
- **Maintaining emergency response capabilities within Regional Incident Response Centers and NRC Headquarters**
- **Risk-informing “eyes-on” inspections through residents and regional inspections**

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NRC Requirements Related to COVID-19

- **Minimum Shift Staffing**
 - Operators
 - Security
 - Emergency Response Organization
- **NRC Coronavirus Website**
<https://www.nrc.gov/about-nrc/covid-19/index.html>

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Millstone Response to COVID-19

- Dominion staff has followed CDC prevention guidelines during the national health emergency
- Implemented social distancing guidelines, mask wearing requirements, and encouraged telework for many employees
- Asked employees to stay home if they have symptoms
- Dominion employed COVID-19 Testing

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Inspection Impact Due to COVID-19

INSPECTIONS DEFERRED/DELAYED BEYOND CY 2020 DUE TO COVID-19

Inspection Procedure # - 'Title'	Originally Scheduled Date	New Scheduled Date	Date Required to be Completed By
IP 71114 Exercise Evaluation	June 2020	June 2021	12/31/2021
IP 71111.11B U2 Licensed Operator Regualification Program	November 2020	September 2021	12/31/2021

COVID-19 related licensing actions:


- Temporary and final exemption from the annual force-on-force exercise requalification requirements of security personnel
- Exemption from the biennial emergency preparedness onsite and offsite exercise
- License Amendment for one-time deferral of the MPS3 steam generator (SG) tube inspections for MPS3 SGs A and C from fall 2020 to spring 2022

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Connecticut Nuclear Energy Advisory Council Items of Interest

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Millstone Resident Inspectors

Justin Fuller Sr. Resident Inspector	Eben Allen Resident Inspector	Earl Bousquet Resident Inspector
		

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**NEAC Item of Interest -
Millstone 2020 Unplanned Power Changes**

Date	Unit	Impact	Cause
April 1	3	Reactor Trip	Ground Fault
April 13	3	Reactor Trip	Weather Related
Aug. 4	2	76%	Weather Related
Aug. 4	3	43%	Weather Related
Nov. 15	2	83%	Weather Related
Dec. 31	3	Forced Outage	Feedwater Heater Repairs



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**NEAC Item of Interest –
Notification of Unusual Event (Earthquake)**

- November 8, 2020
- Magnitude 3.6
- Timely notifications
- Independent walkdowns
- No plant damage
- Seismic housekeeping

M 3.6 - 10 km S of Bliss Corner, Massachusetts

2020-11-08 14:10:06 (UTC) | 41.521°N 70.955°W | 10.0 km depth



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NEAC Other Items of Interest

- Spent fuel cask weld discoloration
- 2019 Voluntary Retirement Program (VRP) impact on Millstone performance
- Unit 3 turbine control system troubleshooting



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Richard Guzman
NRC Senior Project Manager
Office of Nuclear Reactor
Regulation

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NEAC Item of Interest – Millstone Significant License Changes

- Millstone Unit 3 Measurement Uncertainty Recapture Power Uprate
- Millstone Unit 2 Steam Generator Inspection Frequency Technical Specification Revision
- Millstone Unit 3 Technical Specification Changes – based on Westinghouse Topical Reports
 - Core Operating Limits Report for Large Break Loss of Coolant Accident analysis
 - Peak Fuel Centerline Melt Temperature Safety Limits

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NRC Social Media Channels

<p>Facebook</p> <p>Twitter</p> <p>YouTube</p> <p>Flickr</p> <p>LinkedIn</p> <p>RSS</p>	<p>www.facebook.com/nrcgov/</p> <p>twitter.com/nrcgov</p> <p>www.youtube.com/user/NRCgov</p> <p>www.flickr.com/photos/nrcgov/</p> <p>www.linkedin.com/company/u-s--nuclear-regulatory-commission/</p> <p>www.nrc.gov/public-involve/listserver.html#rss</p>
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Annual Assessment Meeting Feedback

1. Mail in NRC feedback form that will be emailed to all attendees

- OR -


2. Scan QR Code on back of form with smart device

- OR -

3. Through any computer by going to the Public Meeting Schedule and pressing the “Meeting Feedback” link for this meeting, or pressing the “[...more]” link for this meeting and then pressing the “Meeting Feedback” link on the “Meeting Details” page.

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Discussion with members of the Connecticut Nuclear Energy Advisory Council

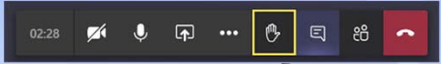
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Q&A with Members of the Public

- If on the computer, raise your hand when ready to ask your question, 
- If on the phone, please press ***6** to unmute your phone and ask your question 



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This ends the Meeting

Thank You for Attending!