



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#



1



Millstone Annual Assessment Meeting

Reactor Oversight Process – 2020

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



2



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

3

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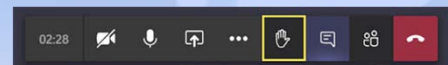
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3



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



4

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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

5

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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

6

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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**

7

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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**

8

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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**

9

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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>

10

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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

11

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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

12

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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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14

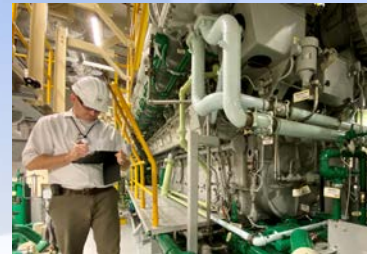


NEAC Item of Interest - Millstone 2020 Unplanned Power Changes

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

15

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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



16

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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



17

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Richard Guzman
NRC Senior Project Manager
Office of Nuclear Reactor
Regulation

18

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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**

19

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20

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NRC Social Media Channels

Facebook www.facebook.com/nrcgov/

Twitter twitter.com/nrcgov

YouTube www.youtube.com/user/NRCgov

Flickr www.flickr.com/photos/nrcgov/

LinkedIn www.linkedin.com/company/u-s--nuclear-regulatory-commission/

RSS www.nrc.gov/public-involve/listserver.html#rss

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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


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.

- OR -

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Discussion with members of the Connecticut Nuclear Energy Advisory Council


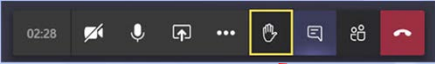

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23



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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24



This ends the Meeting

Thank You for Attending!