



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION I  
2100 RENAISSANCE BOULEVARD, SUITE 100  
KING OF PRUSSIA, PA 19406-2713

March 4, 2019

Mr. Daniel G. Stoddard  
Senior Vice President and Chief Nuclear Officer  
Dominion Energy, Inc.  
Innsbrook Technical Center  
5000 Dominion Blvd.  
Glen Allen, VA 23060-6711

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR MILLSTONE POWER STATION,  
UNITS 2 AND 3 (REPORTS 05000336/2018006 AND 05000423/2018006)**

Dear Mr. Stoddard,

The U.S. Nuclear Regulatory Commission (NRC) has completed its end-of-cycle performance assessment of Millstone Power Station, Units 2 and 3, reviewing performance indicators (PIs), inspection results, and enforcement actions from January 1, 2018, through December 31, 2018. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. The NRC concluded that overall performance at your facility preserved public health and safety.

The NRC determined the performance at Millstone Power Station, Units 2 and 3 during the most recent quarter was within the Licensee Response Column (Column 1) of the NRC's Reactor Oversight Process (ROP) Action Matrix in Inspection Manual Chapter 0305, "Operating Reactor Assessment Program," because all inspection findings had very low safety significance (i.e., Green), and all PIs were within the expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at Millstone Power Station, Units 2 and 3.

The enclosed inspection plan lists the inspections scheduled through December 31, 2020. This updated inspection plan now includes planned security inspections which were formerly transmitted under separate correspondence. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to the baseline inspections, the NRC will conduct Inspection Procedure 92702, "Follow-up on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, Confirmatory Orders, and Alternative Dispute Resolution Confirmatory Orders."

You should be aware that the agency is pursuing potential changes to the ROP, including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"). Should these changes to the ROP be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020. Furthermore, all the inspections listed during the last twelve months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC's Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC's Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at 610-337-5262 with any questions you have regarding this letter.

Sincerely,

*/RA/*

Daniel L. Schroeder, Chief  
Reactor Projects Branch 2  
Division of Reactor Projects

Docket Nos. 50-336 and 50-423  
License Nos. DPR-65 and NPF-49

Enclosure:  
Inspection Plan

cc w/encl: Distribution via ListServ

SUBJECT: ANNUAL ASSESSMENT LETTER FOR MILLSTONE POWER STATION,  
 UNITS 2 AND 3 (REPORTS 05000336/2018006 AND 05000423/2018006)  
 DATED MARCH 4, 2019

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OFFICE	RI/DRP	RI/DRP	RI/DRP		
NAME	JFuller via email	MDraxton	DSchroeder		
DATE	2/22/19	2/22/19	3/4/19		

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# IP 22 Inspection Activity Plan Report

## Millstone

01/01/2019 - 12/31/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>ACCESS CONTROL, EQUIP PERF, TRAINING</b>						3
2, 3	01/14/2019	01/18/2019	IP 71130.02	000734	Access Control	
2, 3	01/14/2019	01/18/2019	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
2, 3	01/14/2019	01/18/2019	IP 71130.07	000739	Security Training	
2, 3	01/14/2019	01/18/2019	IP 71151	001338	Performance Indicator Verification	
2, 3	01/14/2019	01/18/2019	IP 92702	001436	Followup on Corrective Actions For Violations And Deviations	
<b>50.59 Process</b>						3
2, 3	02/03/2019	02/09/2019	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
<b>INSERVICE INSPECTION - UNIT 3</b>						1
3	04/21/2019	05/04/2019	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>Rad Exposure Control; IP 71124.01</b>						1
2, 3	04/22/2019	04/26/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
<b>RADWASTE</b>						1
2, 3	06/03/2019	06/07/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
<b>Rad Monitoring Instrumentation; IP 71124.05</b>						1
2, 3	07/08/2019	07/12/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
<b>TRIENNIAL FIRE PROTECTION</b>						7
2, 3	07/22/2019	07/26/2019	IP 71111.05T	000696	Fire Protection (Triennial)	
2, 3	08/05/2019	08/09/2019	IP 71111.05T	000696	Fire Protection (Triennial)	
<b>Rad. Environmental Monitoring Program (REMP); IP 71124.07</b>						1
2, 3	07/29/2019	08/02/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	
<b>MILLSTONE 3 INITIAL OL EXAM</b>						4
3	08/04/2019	08/09/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
3	09/08/2019	09/20/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>EP PROGRAM INSPECTION</b>						1
2, 3	08/05/2019	08/09/2019	IP 71114.02	000717	Alert and Notification System Testing	
2, 3	08/05/2019	08/09/2019	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

# IP 22 Inspection Activity Plan Report

## Millstone

01/01/2019 - 12/31/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>EP PROGRAM INSPECTION</b>						1
2, 3	08/05/2019	08/09/2019	IP 71114.05	000720	Maintenance of Emergency Preparedness	
2, 3	08/05/2019	08/09/2019	IP 71151	001397	Performance Indicator Verification	
<b>PROTECTIVE STRATEGY AND TARGET SET REVIEW</b>						3
2, 3	08/19/2019	08/23/2019	IP 71130.05	000737	Protective Strategy Evaluation	
2, 3	08/19/2019	08/23/2019	IP 71130.14	000743	Review of Power Reactor Target Sets	
<b>Heat Sink</b>						1
2, 3	09/15/2019	09/21/2019	IP 71111.07T	000700	Heat Sink Performance -Triennial	
<b>MS3 REQUAL INSP WITH P/F RESULTS</b>						2
3	11/04/2019	11/08/2019	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance (Annual)	
3	11/04/2019	11/08/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
<b>Rad Gas &amp; Liquid Effluent Treatment Monitors &amp; PI Verification; IP's 71124.06 &amp; 71151</b>						1
2, 3	11/18/2019	11/22/2019	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
<b>Occupational ALARA &amp; Controls; IP 71124.02</b>						1
2, 3	02/03/2020	02/07/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
<b>ISI - UNIT 2</b>						1
2	04/13/2020	04/24/2020	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>Rad Exposure Control, Occ. ALARA Controls, In-Plant Airborne Control; 71124.01, .02, .03</b>						1
2, 3	04/20/2020	04/24/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
2, 3	04/20/2020	04/24/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
2, 3	04/20/2020	04/24/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
<b>MATERIAL CONTROL AND ACCOUNTABILITY</b>						1
2, 3	06/08/2020	06/12/2020	IP 71130.11	000742	Material Control and Accounting (MC&A)	
<b>PROGRAM INSPECTION</b>						3
2, 3	06/22/2020	06/26/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
2, 3	07/06/2020	07/10/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	

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This report shows only on-site and announced inspection procedures.

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## Millstone

01/01/2019 - 12/31/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>MILLSTONE EP EXERCISE INSPECTION</b>						5
2, 3	06/22/2020	06/26/2020	IP 71114.01	000716	Exercise Evaluation	
2, 3	06/22/2020	06/26/2020	IP 71151	001397	Performance Indicator Verification	
<b>MILLSTONE 2 INITIAL OL EXAM</b>						4
2	07/19/2020	07/24/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
2	09/20/2020	10/02/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS</b>						5
2, 3	08/03/2020	08/07/2020	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
2, 3	08/24/2020	08/28/2020	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
<b>In-Plant Airborne Rad Control; IP 71124.03</b>						1
2, 3	09/28/2020	10/02/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
<b>ISI - UNIT 3</b>						1
3	10/12/2020	10/23/2020	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>MS2 Requal Inspection with P/F Results</b>						2
2	10/25/2020	10/30/2020	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance (Annual)	
2	10/25/2020	10/30/2020	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
<b>Occupational Dose Assessment &amp; Performance Indicator Verification; IP's 71124.04 &amp; 71151</b>						1
2, 3	11/30/2020	12/04/2020	IP 71124.04	000728	Occupational Dose Assessment	
<b>PI&amp;R Biennial Team Inspection</b>						4
2, 3	11/30/2020	12/04/2020	IP 71152B	000747	Problem Identification and Resolution	
2, 3	12/14/2020	12/18/2020	IP 71152B	000747	Problem Identification and Resolution	
<b>Access Control, Equip Perf, Training</b>						3
2, 3	12/07/2020	12/11/2020	IP 71130.02	000734	Access Control	
2, 3	12/07/2020	12/11/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
2, 3	12/07/2020	12/11/2020	IP 71130.07	000739	Security Training	
2, 3	12/07/2020	12/11/2020	IP 71151	001338	Performance Indicator Verification	

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