



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

February 28, 2018

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 (REPORT 05000336/2017006 AND 05000423/2017006,  
REPORT 05000336/2017402 AND 05000423/2017402, REPORT  
05000336/2017501 AND 05000423/2017501)

Dear Mr. Stoddard:

The 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, 2017 through December 31, 2017. 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, the highest performance category of the NRC's Reactor Oversight Process (ROP) Action Matrix, 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 your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2019. 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. 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 addition to the baseline inspections, the NRC will conduct Inspection Procedure (IP) 60855.1, "Operation of an Independent Spent Fuel Storage Installation (ISFSI) at Operating Plants," and IP 92702, "Follow-up on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, Confirmatory Orders, and Alternative Dispute Resolution Confirmatory Orders."

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 Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site 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 Activity Plan Report

cc w/encl: Distribution via ListServ

SUBJECT: ANNUAL ASSESSMENT LETTTER FOR MILLSTONE POWER STATION, UNITS 2 AND 3 (REPORT 05000336/2017006 AND 05000423/2017006, REPORT 05000336/2017402 AND 05000423/2017402, REPORT 05000336/2017501 AND 05000423/2017501) dated February 28, 2018

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ADAMS ACCESSION NUMBER: **ML18058A050**

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OFFICE	RI/DRP	RI/DRP			
NAME	TSetzer	DSchroeder			
DATE	2/27/18	2/28/18			

OFFICIAL RECORD COPY

# IP 22 Inspection Activity Plan Report

## Millstone

01/01/2018 - 12/31/2019

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>RADIATION SAFETY - ALARA</b>						<b>1</b>
2, 3	01/22/2018	01/26/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
<b>ACCESS AUTHORIZATION AND CONTROL, SGI, FFD</b>						<b>2</b>
2, 3	02/12/2018	02/16/2018	IP 71130.01	000733	Access Authorization	
2, 3	02/12/2018	02/16/2018	IP 71130.06	000738	Protection of Safeguards Information	
2, 3	02/12/2018	02/16/2018	IP 71130.08	000740	Fitness For Duty Program	
2, 3	06/18/2018	06/22/2018	IP 71130.01	000733	Access Authorization	
2, 3	06/18/2018	06/22/2018	IP 71130.02	000734	Access Control	
2, 3	06/18/2018	06/22/2018	IP 71130.06	000738	Protection of Safeguards Information	
2, 3	06/18/2018	06/22/2018	IP 71130.08	000740	Fitness For Duty Program	
2, 3	06/18/2018	06/22/2018	IP 71151	001338	Performance Indicator Verification	
2, 3	06/18/2018	06/22/2018	IP 92702	001436	Followup On Corrective Actions For Violations And Deviations	
<b>EP EXERCISE INSPECTION</b>						<b>4</b>
2, 3	03/19/2018	03/23/2018	IP 71114.01	000716	Exercise Evaluation	
<b>ISFSI LOADING CAMPAIGN INSPECTION</b>						<b>2</b>
2, 3	04/15/2018	04/21/2018	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
<b>DBAI - Team</b>						<b>7</b>
2, 3	04/16/2018	04/20/2018	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
2, 3	04/30/2018	05/04/2018	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
<b>RADIATION SAFETY - AIRBORNE</b>						<b>1</b>
2, 3	06/04/2018	06/08/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
<b>CYBER FULL IMP</b>						<b>4</b>
2, 3	07/16/2018	07/20/2018	IP 71130.10P	000741	Cyber Security	
2, 3	07/30/2018	08/03/2018	IP 71130.10P	000741	Cyber Security	
<b>MILLSTONE 2 INITIAL OL EXAM</b>						<b>4</b>
2	07/23/2018	07/27/2018	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
2	09/10/2018	09/21/2018	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	

This report does not include INPO and OUTAGE activities.  
 This report shows only on-site and announced inspection procedures.

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01/01/2018 - 12/31/2019

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<b>RADIATION SAFETY - DOSIMETRY</b>						1
2, 3	09/10/2018	09/14/2018	IP 71124.04	000728	Occupational Dose Assessment	
<b>PI&amp;R BIENNIAL</b>						4
2, 3	09/10/2018	09/14/2018	IP 71152B	000747	Problem Identification and Resolution	
2, 3	09/24/2018	09/28/2018	IP 71152B	000747	Problem Identification and Resolution	
<b>RADIATION SAFETY - RAD HAZ &amp; PIV</b>						1
2, 3	10/01/2018	10/05/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
2, 3	10/01/2018	10/05/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
2, 3	10/01/2018	10/05/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
2, 3	10/01/2018	10/05/2018	IP 71151	000746	Performance Indicator Verification	
<b>UNIT 2 INSERVICE INSPECTION</b>						1
2	10/08/2018	10/19/2018	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
<b>MS2 REQUAL INSP WITH P/F RESULTS</b>						2
2	12/03/2018	12/07/2018	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance - Annual	
2	12/03/2018	12/07/2018	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance - Biennial	
<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	
<b>50.59 Process</b>						3
2, 3	02/04/2019	02/08/2019	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
<b>RADIATION SAFETY-RAD HAZ</b>						1
2, 3	04/15/2019	04/19/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
2, 3	04/15/2019	04/19/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
2, 3	04/15/2019	04/19/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	

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## Millstone

01/01/2018 - 12/31/2019

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>INSERVICE INSPECTION - UNIT 3</b>						1
3	04/22/2019	05/03/2019	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
<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>RADIATION SAFETY-INSTRUMENTS</b>						1
2, 3	06/24/2019	06/28/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
<b>TRIENNIAL FIRE PROTECTION</b>						4
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>RADIATION SAFETY - REMP</b>						1
2, 3	07/22/2019	07/26/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	
<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	
2, 3	08/05/2019	08/09/2019	IP 71114.05	000720	Correction of Emergency Preparedness Weaknesses and Deficiencies	
2, 3	08/05/2019	08/09/2019	IP 71151	001397	Performance Indicator Verification	
<b>MILLSTONE 3 INITIAL OL EXAM</b>						4
3	08/05/2019	08/09/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
3	09/09/2019	09/20/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<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>MS3 REQUAL INSP WITH P/F RESULTS</b>						2
3	08/26/2019	08/30/2019	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance - Annual	
3	08/26/2019	08/30/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance - Biennial	

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# IP 22 Inspection Activity Plan Report

## Millstone

01/01/2018 - 12/31/2019

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Heat Sink</b>						
2, 3	09/16/2019	09/20/2019	IP 71111.07T	000700	Heat Sink Performance -Triennial	1
<b>Radiation Safety - RETS &amp; PIV</b>						
2, 3	10/21/2019	10/25/2019	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	1
2, 3	10/21/2019	10/25/2019	IP 71151	000746	Performance Indicator Verification	