



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

August 28, 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: MILLSTONE POWER STATION, UNITS 2 AND 3 – UPDATED INSPECTION  
PLAN (INSPECTION REPORT 05000336/2019005 AND 05000423/2019005)

Dear Mr. Stoddard:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, for Millstone Power Station, Units 2 and 3. 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 92702, "Follow-up on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, Confirmatory Orders, and Alternative Dispute Resolution Confirmatory Orders," and Temporary Instruction 2515/194, "Inspection of the Licensees' Implementation of Industry Initiative Associated with the Open Phase Condition Design Vulnerabilities in Electric Power Systems."

You should be aware that the agency is pursuing potential changes to the Reactor Oversight Process, including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"), and other changes to the baseline inspection program described in SECY-19-0067, "Recommendations for Enhancing the Reactor Oversight Process." Should these changes to the Reactor Oversight Process be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020.

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:  
Millstone Inspection/Activity Plan

cc w/encl: Distribution via ListServ

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PLAN (INSPECTION REPORT 05000336/2019005 AND 05000423/2019005)  
DATED AUGUST 28, 2019

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OFFICIAL RECORD COPY

# IP 22 Inspection Activity Plan Report

## Millstone

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<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	
2, 3	08/05/2019	08/09/2019	IP 71111.05T	000696	Fire Protection	
<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	08/10/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
3	09/08/2019	09/21/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>MS-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	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	08/05/2019	09/20/2019	IP 71152	001340	Problem Identification and Resolution	
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	
2, 3	08/19/2019	08/23/2019	IP 92702 CONF	001584	Enforcement Related Order Follow-Up-Only	
<b>Heat Sink</b>						1
2, 3	09/15/2019	09/21/2019	IP 71111.07T	000700	Heat Sink Performance	
<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	
3	11/04/2019	11/08/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<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	

This report does not include INPO and OUTAGE activities.

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

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Enclosure

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07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<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>TI-194 Open Phase Condition Inspection-MS</b>						2
2, 3	03/02/2020	03/06/2020	TI 2515/194	000512	Inspection of the Licensee's Implementation of Industry Initiative Associated With the Open Phase Condition Design Vulnerabilities In Electric Power Systems (NRC Bulletin 2012-01)	
<b>ISI - UNIT 2</b>						1
2	04/13/2020	04/24/2020	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>Rad Haz Assess Exposure Controls / Occupational Dose Assessment 71124.01; 71124.04</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 71124.04	000728	Occupational Dose Assessment	
<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)	
<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 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
2, 3	06/22/2020	06/26/2020	IP 71151	001397	Performance Indicator Verification	
<b>MILLSTONE 2 INITIAL OL EXAM</b>						4
2	07/27/2020	07/31/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
2	09/20/2020	10/03/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>Rad Haz Assess Exposure Controls / In-Plant Airborne Rad Control; IP 71124.01 &amp; 71124.03</b>						1
2, 3	09/28/2020	10/02/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
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)	

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

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>MS2 Requal Inspection with P/F Results</b>						2
2	10/25/2020	10/31/2020	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance	
2	10/25/2020	10/31/2020	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>Occupational ALARA &amp; Performance Indicator Verification; IP's 71124.02 &amp; 71151</b>						1
2, 3	11/30/2020	12/04/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
<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	
<b>Radiation Monitoring Instrumentation 71124.05</b>						1
2, 3	03/01/2021	03/05/2021	IP 71124.05	000729	Radiation Monitoring Instrumentation	
<b>Access Auth, Fitness for Duty, Access Control</b>						3
2	03/15/2021	03/19/2021	IP 71130.01	000733	Access Authorization	
2	03/15/2021	03/19/2021	IP 71130.02	000734	Access Control	
2	03/15/2021	03/19/2021	IP 71130.08	000740	Fitness For Duty Program	
2	03/15/2021	03/19/2021	IP 71151	001338	Performance Indicator Verification	
<b>DESIGN BASIS ASSURANCE INSPECTION - TEAM</b>						6
2, 3	04/04/2021	04/10/2021	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
2, 3	04/18/2021	04/24/2021	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
<b>Rad Gas &amp; Liquid Treatment 71124.06</b>						1
2, 3	04/12/2021	04/16/2021	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
<b>Radiological Environmental Monitoring Program 71124.07</b>						1
2, 3	06/07/2021	06/11/2021	IP 71124.07	000731	Radiological Environmental Monitoring Program	

# IP 22 Inspection Activity Plan Report

## Millstone

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Radwaste</b>						1
2, 3	06/07/2021	06/11/2021	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	