



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

March 4, 2013

Mr. David Heacock
Sr. Vice President and Chief Nuclear Officer
Dominion Resources
500 Dominion Boulevard
Glen Allen, VA 23060-6711

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR MILLSTONE POWER STATION UNIT 2
AND UNIT 3 (REPORT 05000336/2012001 AND 05000423/2012001)**

Dear Mr. Heacock:

On February 14, 2013, the U.S. Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance review of Millstone Power Station Unit 2 and Unit 3. The NRC reviewed the most recent quarterly performance indicators in addition to inspection results and enforcement actions from January 1, 2012 through December 31, 2012. 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 determined that overall, Millstone Power Station Unit 2 and Unit 3 operated in a manner that preserved public health and safety and met all cornerstone objectives. Millstone Unit 2 was in the Regulatory Response Column of the NRC's Reactor Oversight Process Action Matrix until the most recent quarter, due to a white finding in the Initiating Events Cornerstone, related to control room crew performance during a plant transient. This finding was closed in the fourth quarter 2012. The NRC determined the performance at Millstone Unit 2 and Unit 3 during the most recent quarter was within the Licensee Response Column because all inspection findings had very low (i.e., green) safety significance, all performance indicators demonstrated that your performance was within the nominal, expected range (i.e., green), and a supplemental inspection was successfully completed at Millstone Unit 2 for the white finding on November 2, 2012. Therefore, the NRC plans to conduct Reactor Oversight Process baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through June 30, 2014. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-cycle performance review. In addition to baseline inspections, the NRC will perform Inspection Procedure (IP) 71003, "Post-Approval Site Inspection for License Renewal," IP 92709, "Licensee Strike Contingency Plans," IP 60855.1, "Operation of an Independent Spent Fuel Storage Installation at Operating Plants," and Temporary Instruction (TI) 182, "Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks." The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Part 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 the NRC's Agencywide Document Access and Management 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 Ronald R. Bellamy at (610)337-5200 with any questions you have regarding this letter.

Sincerely,

/RA/

Darrell J. Roberts, Director
Division of Reactor Projects

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

Enclosure: Inspection Plan

cc w/encl: Distribution via ListServ

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Distribution w/encl: See Attached

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Millstone

Inspection / Activity Plan

01/01/2013 - 06/30/2014

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		MODS - PERMANENT PLANT MODIFICATIONS		5
2, 3	01/28/2013 02/01/2013	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
2, 3	02/11/2013 02/15/2013	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
3	04/22/2013 05/03/2013	7111108P - U3 INSERVICE INSPECTION IP 7111108P	Inservice Inspection Activities - PWR	1
2, 3	04/29/2013 05/03/2013	71124 - OCC RADIATION SAFETY IP 71124.01	Radiological Hazard Assessment and Exposure Controls	1
2, 3	04/29/2013 05/03/2013	IP 71124.02	Occupational ALARA Planning and Controls	
2, 3	05/20/2013 05/24/2013	71124 - REMP IP 71124.07	Radiological Environmental Monitoring Program	1
2, 3	06/01/2013 12/31/2013	60853 - ISFSI PAD EXPANSION IP 60853	On-Site Fabrication Of Components And Construction On An ISFSI	2
2, 3	06/01/2013 12/31/2013	IP 60855	Operation Of An ISFSI	
2, 3	06/01/2013 12/31/2013	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
2, 3	07/15/2013 07/26/2013	7111107T - TRIENNIAL HEAT SINK IP 7111107T	Heat Sink Performance	1
2, 3	07/22/2013 07/26/2013	TRI FI IP 7111105T	- TRIENNIAL FIRE PROTECTION INSPECTION Fire Protection [Triennial]	8
2, 3	08/05/2013 08/09/2013	IP 7111105T	Fire Protection [Triennial]	
3	11/04/2013 11/08/2013	10/21EXM - MILLSTONE 3 INITIAL EXAM U01874	- MILLSTONE 3 INITIAL EXAM FY14-MILLSTONE 3 INITIAL OPERATOR LICENSING EXAM	4
3	12/02/2013 12/11/2013	U01874	FY14-MILLSTONE 3 INITIAL OPERATOR LICENSING EXAM	
2, 3	07/29/2013 08/02/2013	71124 - RADIATION SAFETY INSPECTION IP 71124.05	- RADIATION SAFETY INSPECTION Radiation Monitoring Instrumentation	1
3	10/21/2013 10/25/2013	7111111B - MILLSTONE 3 REQUAL INSP WITH P/F RESULTS IP 7111111B	- MILLSTONE 3 REQUAL INSP WITH P/F RESULTS Licensed Operator Requalification Program	2
2, 3	08/26/2013 08/30/2013	71124 - RADIO EFFLUENTS IP 71124.06	- RADIO EFFLUENTS Radioactive Gaseous and Liquid Effluent Treatment	1
2, 3	08/26/2013 08/30/2013	IP 71151	Performance Indicator Verification	
2, 3	09/03/2013 09/06/2013	EP PROGR - EP PROGRAM INSPECTION IP 7111402	- EP PROGRAM INSPECTION Alert and Notification System Testing	2
2, 3	09/03/2013 09/06/2013	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
2	09/03/2013 09/06/2013	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	

This report does not include INPO and OUTAGE activities.

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

Millstone

Inspection / Activity Plan

01/01/2013 - 06/30/2014

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			71124	- ALARA, IN-PLANT AIRBORNE AND DOSE ASSESS	1
2, 3	09/23/2013	09/27/2013	IP 71124.02	Occupational ALARA Planning and Controls	
2, 3	09/23/2013	09/27/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
2, 3	09/23/2013	09/27/2013	IP 71124.04	Occupational Dose Assessment	
			71124	- RAD HAZARD, IN-PLANT AIRBORNE, DOSE ASSE	1
2, 3	12/16/2013	12/20/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2, 3	12/16/2013	12/20/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
2, 3	12/16/2013	12/20/2013	IP 71124.04	Occupational Dose Assessment	
2, 3	12/16/2013	12/20/2013	IP 71151	Performance Indicator Verification	
			TI-182	- DEGRAD UNDERGROUND PIPING - PHASE 2	1
2, 3	01/13/2014	01/17/2014	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
			711108P	- U2 INSERVICE INSPECTION	1
2	04/07/2014	04/18/2014	IP 7111108P	Inservice Inspection Activities - PWR	
			71003	- U2 LR COMMITMENTS PHASE 1 INSP	2
2	04/07/2014	04/12/2014	IP 71003	Post-Approval Site Inspection for License Renewal	
			71124	- RADIATION SAFETY	1
2, 3	04/21/2014	04/25/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2, 3	04/21/2014	04/25/2014	IP 71124.02	Occupational ALARA Planning and Controls	
2, 3	04/21/2014	04/25/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
2, 3	04/21/2014	04/25/2014	IP 71124.04	Occupational Dose Assessment	
2, 3	04/21/2014	04/25/2014	IP 71151	Performance Indicator Verification	