



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PA 19406-1415

March 4, 2011

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

SUBJECT: ANNUAL ASSESSMENT LETTER FOR MILLSTONE POWER STATION UNIT 2  
AND UNIT 3 (REPORT 05000336/2010001 and 05000423/2010001)

Dear Mr. Heacock:

On February 10, 2011, the 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 (PIs) in addition to inspection results and enforcement actions from January 1, 2010, through December 31, 2010. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. This performance review and enclosed inspection plan do not include security information. A separate letter will include the NRC's assessment of your performance in the Security Cornerstone and its security-related inspection plan.

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. The NRC determined the performance at Millstone Power Station Unit 2 and Unit 3 during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., green) safety significance, and all PIs indicated that your performance was within the nominal, 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 June 30, 2012. 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. 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.

D. Heacock

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In accordance with 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 610-337-5306 with any questions you have regarding this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "Donald E. Jackson". The signature is fluid and cursive, with the first name "Donald" being the most prominent.

Donald E. Jackson, Chief  
Projects Branch 5  
Division of Reactor Projects

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

Enclosure: Millstone Inspection/Activity Plan

ccw/encl. Distribution via ListServ

D. Heacock

2

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Please contact me at 610-337-5306 with any questions you have regarding this letter.

Sincerely,

/RA/

Donald E. Jackson, Chief  
Projects Branch 5  
Division of Reactor Projects

Docket Nos. 50-336, 50-423  
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Enclosure: Millstone Inspection/Activity Plan

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Millstone

Inspection / Activity Plan

01/01/2011 - 06/30/2012

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
3	06/13/2011	06/17/2011	07/11EXM - OPERATOR LICENSING INITIAL EXAMS		4
			U01832	FY11- MILLSTONE 3, INITIAL OL EXAM	
3	07/11/2011	07/20/2011	U01832	FY11- MILLSTONE 3, INITIAL OL EXAM	
2	06/27/2011	07/01/2011	3/14EXM - INITIAL OPERATOR LICENSING U2 EXAMS		3
			U01834	FY11- MILLSTONE 2, INITIAL OL EXAM	
2	07/25/2011	08/05/2011	U01834	FY11- MILLSTONE 2, INITIAL OL EXAM	
2, 3	02/28/2011	03/04/2011	71124 - OCC RAD SAFETY		1
			IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2, 3	02/28/2011	03/04/2011	IP 71124.02	Occupational ALARA Planning and Controls	
2	04/11/2011	04/22/2011	7111108P - U2 INSERVICE INSPECTION		1
			IP 7111108P	Inservice Inspection Activities - PWR	
2, 3	04/18/2011	04/22/2011	71124 - OCC RAD SAFETY		1
			IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2, 3	04/18/2011	04/22/2011	IP 71124.02	Occupational ALARA Planning and Controls	
2, 3	04/18/2011	04/22/2011	IP 71124.04	Occupational Dose Assessment	
2, 3	05/23/2011	05/27/2011	71124 - EFFLUENTS		1
			IP 71124.06	Radiocative Gaseous and Liquid Effluent Treatment	
2, 3	08/29/2011	09/02/2011	711111B - MS3 REQUAL INSP W/ P/F RESULTS		2
			IP 711111B	Licensed Operator Requalification Program	
2, 3	08/01/2011	08/05/2011	EP PROGR - EP PROGRAM INSPECTION		1
			IP 7111402	Alert and Notification System Testing	
2, 3	08/01/2011	08/05/2011	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
2, 3	08/01/2011	08/05/2011	IP 7111404	Emergency Action Level and Emergency Plan Changes	
2, 3	08/01/2011	08/05/2011	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
2, 3	08/01/2011	08/05/2011	IP 71151-EP02	ERO Drill Participation	
2, 3	08/01/2011	08/05/2011	IP 71151-EP03	Alert & Notification System	
2, 3	08/01/2011	08/07/2011	IP 71151-EP01	Drill/Exercise Performance	
2, 3	08/22/2011	08/26/2011	71124 - PUB RAD SAFETY - REM P		1
			IP 71124.07	Radiological Environmental Monitoring Program	
2, 3	10/17/2011	10/21/2011	71124 - OCC RAD SAFETY		1
			IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2, 3	10/17/2011	10/21/2011	IP 71124.02	Occupational ALARA Planning and Controls	
2, 3	10/17/2011	10/21/2011	IP 71124.04	Occupational Dose Assessment	
3	10/17/2011	10/28/2011	7111108P - U3 INSERVICE INSPECTION		1
			IP 7111108P	Inservice Inspection Activities - PWR	

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

Millstone

Inspection / Activity Plan

01/01/2011 - 06/30/2012

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
2, 3	01/30/2012	02/03/2012	TI-177	<b>- MANAGING GAS ACCUMULATION IN ECCS</b>	1
			IP 2515/177	Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal & Containment Spray System	
2, 3	02/27/2012	03/02/2012	EP EX	<b>- EP EXERCISE EVALUATION</b>	5
			IP 7111401	Exercise Evaluation	
2, 3	02/27/2012	03/02/2012	IP 7111404	Emergency Action Level and Emergency Plan Changes	
2, 3	02/27/2012	03/02/2012	71124	<b>- OCC RAD SAFETY</b>	1
			IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2, 3	02/27/2012	03/02/2012	IP 71124.02	Occupational ALARA Planning and Controls	
2, 3	02/27/2012	03/02/2012	IP 71124.04	Occupational Dose Assessment	
2, 3	04/16/2012	04/20/2012	711121	<b>- CDBI</b>	6
			IP 711121	Component Design Bases Inspection	
2, 3	04/30/2012	05/04/2012	IP 711121	Component Design Bases Inspection	
2, 3	05/07/2012	05/11/2012	IP 711121	Component Design Bases Inspection	

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