

August 30, 2005

Mr. David A. Christian  
Sr. Vice President and Chief Nuclear Officer  
Dominion Resources  
5000 Dominion Boulevard  
Glenn Allen, VA 23060-6711

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - MILLSTONE  
STATION UNITS 2 AND 3

Dear Mr. Christian:

On August 2, 2005, the NRC staff completed its performance review of Millstone Units 2 and 3 for the first half of the calendar year 2005 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous twelve months. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include physical protection information. A separate letter designated and marked as "Exempt from Public Disclosure in Accordance with 10 CFR 2.390" will include the physical protection review and resultant inspection plan.

Plant performance for the most recent quarter for Millstone Units 2 and 3 was within the Licensee Response Column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process baseline inspections at your facility. We also plan on conducting two non-baseline inspections which include inspections of your independent spent fuel storage installation and Millstone Unit 2 pressurizer replacement.

The enclosed inspection plan lists the inspections, less those related to physical protection, scheduled through March 31, 2007. The inspection plan is provided to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle review.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made 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).

If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 610-337-5120 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

**/RA/**

Paul G. Krohn, Chief  
Reactor Projects Branch 6  
Division of Reactor Projects

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

Enclosure: Millstone Units 2 and 3 Inspection/ Activity Plan

cc w/encl:

J. A. Price, Site Vice President, Millstone Station  
C. L. Funderburk, Director, Nuclear Licensing and Operations Support  
D. W. Dodson, Supervisor, Station Licensing  
L. M. Cuoco, Senior Counsel  
C. Brinkman, Manager, Washington Nuclear Operations  
J. Roy, Director of Operations, Massachusetts Municipal Wholesale Electric Company  
First Selectmen, Town of Waterford  
R. Rubinstein, Waterford Library  
J. Markowicz, Co-Chair, NEAC  
E. Woollacott, Co-Chair, NEAC  
E. Wilds, Director, State of Connecticut SLO Designee  
J. Buckingham, Department of Public Utility Control  
G. Proios, Suffolk County Planning Dept.  
R. Shadis, New England Coalition Staff  
G. Winslow, Citizens Regulatory Commission (CRC)  
S. Comley, We The People  
D. Katz, Citizens Awareness Network (CAN)  
R. Bassilakis, CAN  
J. M. Block, Attorney, CAN  
P. Eddy, Electric Division, Department of Public Service, State of New York  
P. Smith, President, New York State Energy Research and Development Authority  
J. Spath, SLO Designee, New York State Energy Research and Development Authority  
Institute of Nuclear Power Operations

Distribution w/encl: **VIA E-MAIL:**

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L. Doerflein, DRS  
R. Conte, DRS  
R. Lorson, DRS  
J. White, DRS  
C. O'Daniell, DRP  
ROPreports@nrc.gov  
Region I Docket Room (with concurrences)

**SISP Review Complete: PGK (Reviewer's Initials)**

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OFFICE	R1/DRP	R1/DRP	R1/DRP		
NAME	SBarber/GSB	MSchneider/GSB for	PKrohn/PGK		
DATE	08/03/2005	08/09/2005	08/10/2005		

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**Millstone**  
**Inspection / Activity Plan**  
**08/01/2005 - 03/31/2007**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>7111111B</b>	<b>- L.O. REQUAL PARTIAL - FOCUS UNIT 3</b>	<b>2</b>			
2,3	IP 7111111B	Licensed Operator Requalification Program		08/29/2005	09/02/2005	Baseline Inspections
	<b>7111121</b>	<b>- SSDI - U3</b>	<b>6</b>			
3	IP 7111121	Safety System Design and Performance Capability		08/29/2005	09/02/2005	Baseline Inspections
3	IP 7111121	Safety System Design and Performance Capability		09/12/2005	09/16/2005	Baseline Inspections
	<b>7112201</b>	<b>- PUB RAD SAFETY - RETS</b>	<b>1</b>			
2,3	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		08/29/2005	09/02/2005	Baseline Inspections
	<b>71114</b>	<b>- EP PROGRAM INSP &amp; PI VERIFICATION</b>	<b>1</b>			
2,3	IP 7111404	Emergency Action Level and Emergency Plan Changes		09/12/2005	09/12/2005	Baseline Inspections
2,3	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		09/12/2005	09/12/2005	Baseline Inspections
2,3	IP 71151	Performance Indicator Verification		09/12/2005	09/12/2005	Baseline Inspections
2,3	IP 7111402	Alert and Notification System Testing		09/12/2005	09/16/2005	Baseline Inspections
2,3	IP 7111403	Emergency Response Organization Augmentation Testing		09/12/2005	09/16/2005	Baseline Inspections
	<b>7111108P</b>	<b>- INSERVICE INSPECTION - U3</b>	<b>2</b>			
3	IP 2515/160	Pzr Pene Nozzles & Stm Space Piping Connections in U.S. PWRs [NRC Bulletin 2004-01]		10/03/2005	10/07/2005	Safety Issues
3	IP 7111108P	Inservice Inspection Activities - PWR		10/03/2005	10/07/2005	Baseline Inspections
3	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC ORDER EA-03)		10/17/2005	10/21/2005	Safety Issues
3	IP 7111108P	Inservice Inspection Activities - PWR		10/17/2005	10/21/2005	Baseline Inspections
	<b>7112102</b>	<b>- OCC RDA SAFETY - ALARA</b>	<b>1</b>			
2,3	IP 7112101	Access Control to Radiologically Significant Areas		10/24/2005	10/28/2005	Baseline Inspections
3	IP 7112102	ALARA Planning and Controls		10/24/2005	10/28/2005	Baseline Inspections
	<b>7111111B</b>	<b>- LO REQUAL PROG (FU HUM PER.+SIM ISSUES)</b>	<b>2</b>			
2,3	IP 7111111B	Licensed Operator Requalification Program		10/30/2005	11/03/2005	Baseline Inspections
	<b>MODS</b>	<b>- MODS &amp; 50.59 UNITS 2/3</b>	<b>5</b>			
2,3	IP 7111102	Evaluation of Changes, Tests, or Experiments		11/14/2005	11/18/2005	Baseline Inspections
2,3	IP 7111117B	Permanent Plant Modifications		11/14/2005	11/18/2005	Baseline Inspections
	<b>71152B</b>	<b>- PI&amp;R</b>	<b>6</b>			
2,3	IP 71152B	Identification and Resolution of Problems		02/13/2006	02/17/2006	Baseline Inspections
2,3	IP 71152B	Identification and Resolution of Problems		02/27/2006	03/03/2006	Baseline Inspections
	<b>7112101</b>	<b>- OCC RAD SAFETY</b>	<b>1</b>			
2,3	IP 7112101	Access Control to Radiologically Significant Areas		02/13/2006	02/17/2006	Baseline Inspections
	<b>7112102</b>	<b>- OCC RAD SAFETY - ALARA</b>	<b>1</b>			
2	IP 7112102	ALARA Planning and Controls		04/03/2006	04/07/2006	Baseline Inspections
	<b>7111121</b>	<b>- U2 SSD&amp;PC</b>	<b>6</b>			
2,3	IP 7111121	Safety System Design and Performance Capability		05/08/2006	05/12/2006	Baseline Inspections

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

**Millstone**  
**Inspection / Activity Plan**  
**08/01/2005 - 03/31/2007**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>7111121 - U2 SSD&amp;PC</b>		<b>6</b>			
2,3	IP 7111121	Safety System Design and Performance Capability		05/22/2006	05/26/2006	Baseline Inspections
2,3	IP 7111121	Safety System Design and Performance Capability		06/05/2006	06/09/2006	Baseline Inspections
2,3	IP 7111121	Safety System Design and Performance Capability		06/12/2006	06/16/2006	Baseline Inspections
	<b>7111401 - EXERCISE EVALUATION &amp; EP PI VERIFICATION</b>		<b>5</b>			
2,3	IP 7111401	Exercise Evaluation		05/15/2006	05/19/2006	Baseline Inspections
2,3	IP 71151	Performance Indicator Verification		05/15/2006	05/19/2006	Baseline Inspections
	<b>INSP - OPERATION OF AN ISFSI</b>		<b>1</b>			
2,3	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants		07/01/2006	07/30/2006	Other Routine
	<b>7111107B - HEAT SINK</b>		<b>1</b>			
2	IP 7111107B	Heat Sink Performance		07/10/2006	07/14/2006	Baseline Inspections
	<b>7112202 - PUB RAD SAFETY - RADWASTE</b>		<b>1</b>			
2,3	IP 7112202	Radioactive Material Processing and Transportation		07/31/2006	08/04/2006	Baseline Inspections
	<b>7111111B - UNIT 2 L.O. REQUAL PROG.&amp;PASS/FAIL RSLTS</b>		<b>2</b>			
2	IP 7111111B	Licensed Operator Requalification Program		10/09/2006	10/13/2006	Baseline Inspections
	<b>50003 - PRESSURIZER REPLACEMENT</b>		<b>1</b>			
2	IP 50003	Pressurizer Replacement Inspection		10/10/2006	10/27/2006	Safety Issues
	<b>7111108P - INSERVICE INSPECTION - UNIT 2</b>		<b>1</b>			
2	IP 7111108P	Inservice Inspection Activities - PWR		10/23/2006	10/27/2006	Baseline Inspections
	<b>7112102 - OCC RDA SAFETY - ALARA</b>		<b>1</b>			
2,3	IP 7112102	ALARA Planning and Controls		11/13/2006	11/17/2006	Baseline Inspections
	<b>7111112B - MAINTENANCE RULE</b>		<b>1</b>			
2,3	IP 7111112B	Maintenance Effectiveness		11/27/2006	12/01/2006	Baseline Inspections
	<b>7112103 - OCC RAD SAFETY - INSTRUMENTS</b>		<b>1</b>			
2,3	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		12/11/2006	12/15/2006	Baseline Inspections
	<b>7111107 - HEAT SINK INSP</b>		<b>1</b>			
2,3	IP 7111107B	Heat Sink Performance		01/08/2007	01/12/2007	Baseline Inspections
	<b>3/12 EXM - U3 OPERATOR LICENSING INITIAL EXAMS</b>		<b>3</b>			
3	U01638	MILLSTONE 3 INITIAL EXAM (FY07)		02/12/2007	02/16/2007	Not Applicable
3	U01638	MILLSTONE 3 INITIAL EXAM (FY07)		03/12/2007	03/16/2007	Not Applicable
	<b>7112101 - OCC RAD SAFETY</b>		<b>1</b>			
2,3	IP 7112101	Access Control to Radiologically Significant Areas		02/12/2007	02/16/2007	Baseline Inspections

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