



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

March 2, 2006

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

SUBJECT: ANNUAL ASSESSMENT LETTER - MILLSTONE POWER STATION UNITS 2  
AND 3 (REPORTS 05000336/2006001 AND 05000423/2006001)

Dear Mr. Christian:

On February 8, 2006, the NRC staff completed its performance review of Millstone Units 2 and 3. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2005. 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 "Official Use Only - Security-Related Information" will include the physical protection review and resultant inspection plan.

Overall, Millstone Units 2 and 3 operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, 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 (ROP) baseline inspections at your facility. We also plan on conducting a pressurizer replacement inspection during the next Unit 2 refueling outage and an independent spent fuel storage facility inspection.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through September 30, 2007. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well 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 mid-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).

D. Christian

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If circumstances arise which cause us to change this 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 Nuclear Power Plant Inspection/Activity Plan

cc w/encl:

J. A. Price, Site Vice President, Millstone Station  
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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  
B. Sheehan, Co-Chair, NEAC  
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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)  
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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

D. Christian

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Distribution w/encl (VIA E-MAIL):

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**SISP Review Complete: \_\_\_PGK\_\_\_ (Reviewer's Initials)**

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OFFICE	RI/DRP		RI/DRP		RI/DRP			
NAME	SSchneider/SB for		SBarber/ SB		PKrohn/PGK			
DATE	02/28/06		02/28/06		03/01/06			

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**Millstone 2**  
**Inspection / Activity Plan**  
**03/01/2006 - 09/30/2007**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>71152B - PI&amp;R</b>		<b>5</b>			
2	IP 71152B	Identification and Resolution of Problems		02/27/2006	03/03/2006	Baseline Inspections
	<b>7111401 - EXERCISE EVALUATION &amp; EP PI VERIFICATION</b>		<b>6</b>			
2	IP 7111401	Exercise Evaluation		05/15/2006	05/19/2006	Baseline Inspections
2	IP 71151	Performance Indicator Verification		05/15/2006	05/19/2006	Baseline Inspections
	<b>7111121 - CDBI (COMPONENT DESIGN BASES INSPECTION)</b>		<b>8</b>			
2	IP 7111121	Component Design Bases Inspection		05/08/2006	05/12/2006	Baseline Inspections
2	IP 7111121	Component Design Bases Inspection		05/22/2006	05/26/2006	Baseline Inspections
2	IP 7111121	Component Design Bases Inspection		06/05/2006	06/09/2006	Baseline Inspections
2	IP 7111121	Component Design Bases Inspection		06/12/2006	06/16/2006	Baseline Inspections
	<b>711111B - L.O. REQUAL.PROG.(FOCUS U2)+P/F RVW</b>		<b>2</b>			
2	IP 711111B	Licensed Operator Requalification Program		09/04/2006	09/08/2006	Baseline Inspections
	<b>ISFSI - ISFSI</b>		<b>2</b>			
2	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants		07/01/2006	08/31/2006	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	IP 7112202	Radioactive Material Processing and Transportation		08/07/2006	08/11/2006	Baseline Inspections
	<b>50003 - PRESSURIZER REPLACEMENT</b>		<b>1</b>			
2	IP 50003	Pressurizer Replacement Inspection		08/10/2006	11/20/2006	Safety Issues
	<b>7111108P - INSERVICE INSPECTION - UNIT 2</b>		<b>1</b>			
2	IP 7111108P	Inservice Inspection Activities - PWR		10/10/2006	10/13/2006	Baseline Inspections
2	IP 7111108P	Inservice Inspection Activities - PWR		10/23/2006	10/27/2006	Baseline Inspections
	<b>7112102 - OCC RAD SAFETY - ALARA</b>		<b>1</b>			
2	IP 7112102	ALARA Planning and Controls		11/13/2006	11/17/2006	Baseline Inspections
	<b>7111112B - MAINTENANCE RULE</b>		<b>1</b>			
2	IP 7111112B	Maintenance Effectiveness		11/27/2006	12/01/2006	Baseline Inspections
	<b>7111107 - HEAT SINK INSP</b>		<b>1</b>			
2	IP 7111107B	Heat Sink Performance		01/08/2007	01/12/2007	Baseline Inspections
	<b>7112101 - OCC RAD SAFETY</b>		<b>1</b>			
2	IP 7112101	Access Control to Radiologically Significant Areas		02/12/2007	02/16/2007	Baseline Inspections
	<b>7112102 - OCC RAD SAFETY - ALARA</b>		<b>1</b>			
2	IP 7112102	ALARA Planning and Controls		04/23/2007	04/27/2007	Baseline Inspections
	<b>7112201 - PUB RAD SAFETY - RETS</b>		<b>1</b>			
2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		06/04/2007	06/08/2007	Baseline Inspections

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

**Millstone 2**  
**Inspection / Activity Plan**  
**03/01/2006 - 09/30/2007**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>711111B - L.O. REQUAL.PROG.(FOCUS U3)+P/F RVW</b>		<b>3</b>			
2	IP 711111B	Licensed Operator Requalification Program		09/10/2007	09/14/2007	Baseline Inspections
	<b>71114 - EP PRGM INSP</b>		<b>1</b>			
2	IP 7111402	Alert and Notification System Testing		09/10/2007	09/14/2007	Baseline Inspections
2	IP 7111403	Emergency Response Organization Augmentation Testing		09/10/2007	09/14/2007	Baseline Inspections
2	IP 7111404	Emergency Action Level and Emergency Plan Changes		09/10/2007	09/14/2007	Baseline Inspections
2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		09/10/2007	09/14/2007	Baseline Inspections
2	IP 71151-EP01	Drill/Exercise Performance		09/10/2007	09/14/2007	Baseline Inspections
2	IP 71151-EP02	ERO Drill Participation		09/10/2007	09/14/2007	Baseline Inspections
2	IP 71151-EP03	Alert & Notification System		09/10/2007	09/14/2007	Baseline Inspections
	<b>7112103 - OCC RAD SAFETY - INSTRUMENTS</b>		<b>1</b>			
2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		09/24/2007	09/28/2007	Baseline Inspections

**Millstone 3**  
**Inspection / Activity Plan**  
**03/01/2006 - 09/30/2007**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>71152B - PI&amp;R</b>		<b>5</b>			
3	IP 71152B	Identification and Resolution of Problems		02/27/2006	03/03/2006	Baseline Inspections
	<b>7111401 - EXERCISE EVALUATION &amp; EP PI VERIFICATION</b>		<b>6</b>			
3	IP 7111401	Exercise Evaluation		05/15/2006	05/19/2006	Baseline Inspections
3	IP 71151	Performance Indicator Verification		05/15/2006	05/19/2006	Baseline Inspections
	<b>7111121 - CDBI (COMPONENT DESIGN BASES INSPECTION)</b>		<b>8</b>			
3	IP 7111121	Component Design Bases Inspection		05/08/2006	05/12/2006	Baseline Inspections
3	IP 7111121	Component Design Bases Inspection		05/22/2006	05/26/2006	Baseline Inspections
3	IP 7111121	Component Design Bases Inspection		06/05/2006	06/09/2006	Baseline Inspections
3	IP 7111121	Component Design Bases Inspection		06/12/2006	06/16/2006	Baseline Inspections
	<b>711111B - L.O. REQUAL.PROG.(FOCUS U2)+P/F RVW</b>		<b>2</b>			
3	IP 711111B	Licensed Operator Requalification Program		09/04/2006	09/08/2006	Baseline Inspections
	<b>ISFSI - ISFSI</b>		<b>2</b>			
3	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants		07/01/2006	08/31/2006	Other Routine
	<b>7112202 - PUB RAD SAFETY - RADWASTE</b>		<b>1</b>			
3	IP 7112202	Radioactive Material Processing and Transportation		08/07/2006	08/11/2006	Baseline Inspections
	<b>7112102 - OCC RAD SAFETY - ALARA</b>		<b>1</b>			
3	IP 7112102	ALARA Planning and Controls		11/13/2006	11/17/2006	Baseline Inspections
	<b>7111112B - MAINTENANCE RULE</b>		<b>1</b>			
3	IP 7111112B	Maintenance Effectiveness		11/27/2006	12/01/2006	Baseline Inspections
	<b>7111107 - HEAT SINK INSP</b>		<b>1</b>			
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	03/23/2007	Not Applicable
	<b>7112101 - OCC RAD SAFETY</b>		<b>1</b>			
3	IP 7112101	Access Control to Radiologically Significant Areas		02/12/2007	02/16/2007	Baseline Inspections
	<b>7111108P - IN-SERVICE INSPECTION - UNIT 3</b>		<b>1</b>			
3	IP 7111108P	Inservice Inspection Activities - PWR		04/09/2007	04/20/2007	Baseline Inspections
	<b>7112102 - OCC RAD SAFETY - ALARA</b>		<b>1</b>			
3	IP 7112102	ALARA Planning and Controls		04/23/2007	04/27/2007	Baseline Inspections
	<b>7112201 - PUB RAD SAFETY - RETS</b>		<b>1</b>			
3	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		06/04/2007	06/08/2007	Baseline Inspections
	<b>711111B - L.O. REQUAL.PROG.(FOCUS U3)+P/F RVW</b>		<b>3</b>			
3	IP 711111B	Licensed Operator Requalification Program		09/10/2007	09/14/2007	Baseline Inspections

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**Millstone 3**  
**Inspection / Activity Plan**  
**03/01/2006 - 09/30/2007**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>71114</b>	<b>- EP PRGM INSP</b>	<b>1</b>			
3	IP 7111402	Alert and Notification System Testing		09/10/2007	09/14/2007	Baseline Inspections
3	IP 7111403	Emergency Response Organization Augmentation Testing		09/10/2007	09/14/2007	Baseline Inspections
3	IP 7111404	Emergency Action Level and Emergency Plan Changes		09/10/2007	09/14/2007	Baseline Inspections
3	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		09/10/2007	09/14/2007	Baseline Inspections
3	IP 71151-EP01	Drill/Exercise Performance		09/10/2007	09/14/2007	Baseline Inspections
3	IP 71151-EP02	ERO Drill Participation		09/10/2007	09/14/2007	Baseline Inspections
3	IP 71151-EP03	Alert & Notification System		09/10/2007	09/14/2007	Baseline Inspections
	<b>TRI FIRE</b>	<b>- TRIENNIAL FIRE PROTECTION INSPECTION</b>	<b>3</b>			
3	IP 7111105T	Fire Protection [Triennial]		09/17/2007	09/21/2007	Baseline Inspections
	<b>7112103</b>	<b>- OCC RAD SAFETY - INSTRUMENTS</b>	<b>1</b>			
3	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		09/24/2007	09/28/2007	Baseline Inspections