



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

March 4, 2009

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

**SUBJECT: ANNUAL ASSESSMENT LETTER – MILLSTONE POWER STATION
(REPORTS 05000336/2009001 and 05000423/2009001)**

Dear Mr. Christian:

On February 11, 2009, the NRC staff completed its performance review of the Millstone Power Station (Millstone). Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2008. 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 security information. A separate letter designated and marked as "Official Use Only – Security Related Information" will include the security cornerstone 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.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through June 30, 2010. In addition to the baseline inspections, an independent spent fuel storage installation inspection and a power uprate inspection will also be performed. 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 10CFR2.390 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

2

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 610-337-5306 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/ Original Signed By:

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

cc w/encl:

S. Jordan, Site Vice President, Millstone Station
C. L. Funderburk, Director, Nuclear Licensing and Operations Support
W. Bartron, Supervisor, Station Licensing
J. Spence, Manager Nuclear Training
L. M. Cuoco, Senior Counsel
C. Brinkman, Manager, Washington Nuclear Operations
J. Roy, Director of Operations, Massachusetts Municipal Wholesale Electric Company
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J. Buckingham, Department of Public Utility Control
C. Meek-Gallagher, Commissioner, Suffolk County, Department of Environment and Energy
V. Minei, P.E., Director, Suffolk County Health Department, Division of Environmental Quality
R. Shadis, New England Coalition Staff
S. Comley, We The People
D. Katz, Citizens Awareness Network (CAN)
R. Bassilakis, CAN
P. Eddy, Electric Division, Department of Public Service, State of New York
P. Tonko, President and CEO, New York State Energy Research and Development Authority
J. Spath, SLO Designee, New York State Energy Research and Development Authority
N. Burton, Esq.
Institute of Nuclear Power Operations (INPO)

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Sincerely,

/RA/ Original Signed By:

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

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Page 1 of 2
 03/03/2009 08:57:39
 Report 22

Millstone
 Inspection / Activity Plan
 01/01/2009 - 06/30/2010

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
2	01/26/2009	02/24/2009	1/26EXAM U01634	- U2 INITIAL OPERATOR LICENSING EXAMS FY-09 - U2 MILLSTONE INITIAL OL EXAM	4
3	12/15/2008	02/06/2009	SIT IP 93812	- UNIT 3 SIT - VOID IN ECCS RWST SUCTION Special Inspection	4
2,3	01/12/2009	01/16/2009	7111121 IP 7111121	- CDBI Component Design Bases Inspection	9
2,3	01/26/2009	01/30/2009	IP 7111121	Component Design Bases Inspection	
2,3	02/02/2009	02/06/2009	IP 7111121	Component Design Bases Inspection	
3	01/01/2009	12/31/2009	71004 IP 71004	- POWER UPRATE Power Uprate	2
2,3	02/23/2009	02/27/2009	71121 IP 7112101	- OCC RAD SAFETY Access Control to Radiologically Significant Areas	1
2,3	02/23/2009	02/27/2009	IP 7112102	ALARA Planning and Controls	
2,3	04/13/2009	04/17/2009	ISFSI IP 60855	- ANNUAL SAMPLE - ISFSI INSPECTION Operation Of An ISFSI	2
3	08/10/2009	08/14/2009	9/14EXAM U01758	- U3 INITIAL OPERATOR LICENSING EXAMS FY-09 MILLSTONE UNIT 3 INITIAL OPERATOR LICENSING EXAM	5
3	09/14/2009	09/25/2009	U01758	FY-09 MILLSTONE UNIT 3 INITIAL OPERATOR LICENSING EXAM	
2,3	05/18/2009	05/22/2009	71122.01 IP 2515/173	- PUB RAD SAFETY - RETS Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative	1
2,3	05/18/2009	05/22/2009	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems	
2,3	08/31/2009	09/04/2009	7111111B IP 7111111B	- BIENNIAL REQUAL INSP (U3) W/ P/F RESULTS Licensed Operator Requalification Program	3
2,3	08/23/2009	08/29/2009	EP PROGR IP 7111402	- EP PROGRAM INSPECTION Alert and Notification System Testing	2
2,3	08/23/2009	08/29/2009	IP 7111403	Emergency Response Organization Augmentation Testing	
2,3	08/23/2009	08/29/2009	IP 7111404	Emergency Action Level and Emergency Plan Changes	
2,3	08/23/2009	08/29/2009	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
2,3	08/23/2009	08/29/2009	IP 71151-EP01	Drill/Exercise Performance	
2,3	08/23/2009	08/29/2009	IP 71151-EP02	ERO Drill Participation	
2,3	08/23/2009	08/29/2009	IP 71151-EP03	Alert & Notification System	
2,3	08/31/2009	09/04/2009	71122.03 IP 2515/173	- PUB RAD SAFETY - REMP Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative	1
2,3	08/31/2009	09/04/2009	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program	

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

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
2	10/01/2009 12/31/2009	ISFSI - IP 60855	- ISFSI INSPECTION - ANNUAL SAMPLE Operation Of An ISFSI	1
2	10/13/2009 10/16/2009	7111108P - IP 7111108P	- U2 INSERVICE INSPECTION Inservice Inspection Activities - PWR	1
2	10/13/2009 10/23/2009	TI-172 - IP 2515/172	- U2 RCS DISSIMILAR METAL BUTT WELDS Reactor Coolant System Dissimilar Metal Butt Welds	1
2	10/19/2009 10/23/2009	7111108P - IP 7111108P	- U2 INSERVICE INSPECTION Inservice Inspection Activities - PWR	1
2	11/02/2009 11/06/2009	71121 - IP 7112102	- OCC RAD SAFETY ALARA Planning and Controls	1
2,3	02/08/2010 02/12/2010	71152 - IP 71152B	- PI&R Identification and Resolution of Problems	4
2,3	02/22/2010 02/26/2010	IP 71152B	Identification and Resolution of Problems	
2,3	02/08/2010 02/12/2010	71121 - IP 7112101	- OCC RAD SAFETY Access Control to Radiologically Significant Areas	1
2,3	02/08/2010 02/12/2010	IP 7112102-7112102R	ALARA - Required	
3	04/12/2010 04/23/2010	7111108P - IP 7111108P	- U3 INSERVICE INSPECTION Inservice Inspection Activities - PWR	1
3	04/12/2010 04/23/2010	TI-172 - IP 7111108P	- U3 RCS DISSIMILAR METAL BUTT WELDS Inservice Inspection Activities - PWR	1
2,3	04/19/2010 04/23/2010	71121 - IP 7112102-7112102R	- OCC RAD SAFETY ALARA - Required	1
2,3	06/14/2010 06/18/2010	7111107T - IP 7111107T	- TRIENNIAL HEAT SINK Heat Sink Performance	1

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