

June 23, 2006

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

SUBJECT: MILLSTONE POWER STATION - NRC EVALUATED EMERGENCY
PREPAREDNESS EXERCISE INSPECTION REPORT 05000336/2006008 AND
05000423/2006008

Dear Mr. Christian:

The enclosed report documents an inspection at the Millstone Station, which evaluated the performance of your emergency response organization during the May 17, 2006, exercise and the post-exercise critique conducted on May 19, 2006, as specified in the reactor oversight program. The inspectors discussed the preliminary findings of this inspection with Mr. Alan Price, Millstone Site Vice President, and other members of your staff on May 19, 2006.

The inspection examined activities conducted under your license as they relate to safety and compliance with the Commission's rules and regulations and with the conditions of your license. The inspectors reviewed emergency plan procedures, previous drill reports, observed the exercise activities, and interviewed selected emergency preparedness personnel from your staff.

Based on the results of this inspection, no findings of significance were identified.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure and your response (if any) 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).

Sincerely,

/RA/

Raymond K. Lorson, Chief
Plant Support Branch 1
Division of Reactor Safety

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

D. Christian

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Enclosure: Inspection Report Nos. 05000336/2006008 and 05000423/2006008
w/Attachment: Supplemental Information

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
B. Sheehan, 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
FEMA, Region I

D. Christian

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- R. Lorson, DRS
- S. Barr, DRS

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OFFICE	RI/DRS		RI/DRS					
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DATE	06/23/06		06/23/06					
OFFICE								
NAME								
DATE								

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U. S. NUCLEAR REGULATORY COMMISSION REGION I
REGION I

Docket Nos: 50-336, 50-423

License Nos: DPR-65, NPF-49

Report Nos: 05000336/2006008 and 05000443/2006008

Licensee: Dominion Nuclear Connecticut, Inc.

Facility: Millstone Power Station, Units 2 and 3

Location: Waterford, CT 06385

Dates: May 16-19, 2006

Inspectors: S. Barr, Senior Emergency Preparedness Inspector (Lead)
J. Furia, Senior Radiation Specialist
J. Benjamin, Resident Inspector
G. Johnson, Operations Engineer

Approved by: Raymond K. Lorson, Chief
Plant Support Branch 1
Division of Reactor Safety

Enclosure

SUMMARY OF FINDINGS

IR 05000336/2006-008, IR 05000423/2006-008; 2/13/06 - 3/3/06; Millstone Nuclear Plant, Units 2 and 3; Emergency Preparedness Exercise; Emergency Preparedness Performance Indicators.

This inspection was conducted by four region-based inspectors. No findings of significance were identified. The NRC's program for overseeing the safe operation of commercial nuclear power reactors is described in NUREG-5949, "Reactor Oversight Process," Revision 3, dated August 2000.

A. NRC-Identified Findings

Cornerstone: Emergency Preparedness

None

B. Licensee-Identified Findings

None

Report Details

1. REACTOR SAFETY

Cornerstone: Emergency Preparedness (EP)

1EP1 Exercise Evaluation (71114.01 - 1 Sample)

a. Inspection Scope

Prior to the exercise, an in-office review was conducted of the exercise objectives and scenario submitted to the NRC to determine if the exercise would test major elements of the emergency plan as required by 10 CFR 50.47(b)(14). The evaluation of the licensee's performance during the exercise is described below. Overall, this inspection activity represents the completion of one sample on a biennial cycle.

The exercise evaluation consisted of the following review and assessment:

- The adequacy of Millstone's performance in the biennial full-participation exercise regarding the implementation of the risk-significant planning standards (RSPS) in 10 CFR 50.47 (b)(4), (5), (9) & (10) which are emergency classification, offsite notification, radiological assessment, and protective action recommendations, respectively.
- The overall adequacy of Millstone's emergency response facilities with regard to NUREG-0696, "Functional Criteria for Emergency Response Facilities," and Emergency Plan commitments. The facilities assessed were the control room simulator, the Technical Support Center (TSC), the Operations Support Center (OSC), and the Emergency Operations Facility (EOF).
- Other performance areas, such as, the emergency response organization's (ERO's) recognition of abnormal plant conditions, command and control, intra- and inter-facility communications, prioritization of mitigation activities, utilization of repair and field monitoring teams, interface with offsite agencies, staffing and procedure adequacy, and the overall implementation of the emergency plan and its implementing procedures.
- Past performance issues from the last NRC exercise report and Millstone's drill reports to determine effectiveness of corrective actions as demonstrated during this exercise to ensure compliance with 10 CFR 50.47(b)(14).
- The post-exercise critique to evaluate Millstone's self-assessment of its ERO performance during the exercise and to ensure compliance with 10 CFR 50, Appendix E.IV.F.2.g.

The inspectors reviewed the documents listed in Attachment 1 to this report.

Enclosure

b. Findings

No findings of significance were identified.

4. OTHER ACTIVITIES (OA)

40A1 Performance Indicator (PI) Verification (71151- 3 Samples)

a. Inspection Scope

The inspectors reviewed data for the EP PIs which are: (1) Drill and Exercise Performance (DEP); (2) ERO Drill Participation; and (3) Alert and Notification System (ANS) Reliability. The inspectors reviewed supporting documentation from drills and tests from the third and fourth quarters of 2005, and the first quarter of 2006, to verify the accuracy of the reported data. The review of these performance indicators was conducted in accordance with NRC Inspection Procedure 71151. The acceptance criteria used for the review were 10 CFR 50.9 and NEI 99-02, Revision 2, "Regulatory Assessment Performance Indicator Guidelines." This inspection activity represented the completion of three samples on an annual cycle.

b. Findings

No findings of significance were identified.

40A6 Meetings, including Exit

The inspectors presented the inspection results to Mr. Alan Price, Millstone Site Vice President, and other members of the licensee's staff at the conclusion of the inspection on May 19, 2006. The licensee had no objections to the NRC observations. No proprietary information was provided to the inspectors during this inspection.

ATTACHMENT

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee Personnel

W. Renz, Director, Nuclear Protective Services and Emergency Preparedness, Dominion
P. Luckey, Manager, Millstone Emergency Preparedness

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

Opened, Closed, Discussed

None

LIST OF DOCUMENTS REVIEWED

Section 1EP1: Exercise Evaluation

Millstone Power Station Emergency Plan
Emergency Plan Implementing Procedures
Millstone Station Unit 3 Training Drills Report CFD 05-01
Millstone Station Evacuation Drill Report CFD 05-02
Millstone Station Unit 2 Off-Year Exercise Report CFD 05-03
Millstone Station U2/U1 Tabletop Training Drill Report CFD 05-04

These CR numbers captured issues from the May 17, 2006 Exercise:

CR-06-04791 Millstone Station's NRC/DHS evaluated exercise was conducted on 5/17/06, during which a number of areas for improvement were identified.

CR-06-04789 Clear expectations on determination of whether a radiological release is in progress or not are still needed by Millstone and the Dominion Fleet.

Section 4OA1: Performance Indicator Verification

DNAP 2605, Emergency Preparedness Performance Indicators Procedure
Drill/Exercise Performance Indicator Data, July 2005-March 2006
ERO Drill Participation Performance Indicator Data, July 2005-March 2006
ANS Reliability Performance Indicator Data, July 2005-March 2006

LIST OF ACRONYMS

ANS	Alert and Notification System
CFR	Code of Federal Regulations
CR	Condition Report
DEP	Drill and Exercise Performance
ERO	Emergency Response Organization
EOF	Emergency Operations Facility
EP	Emergency Preparedness
ERO	Emergency Response Organization
NRC	Nuclear Regulatory Commission
OSC	Operations Support Center
PI	Performance Indicator
RSPS	Risk Significant Planning Standard
TSC	Technical Support Center