



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

January 12, 2011

LICENSEE: Dominion Nuclear Connecticut, Inc. (DNC)
FACILITY: Millstone Power Station, Unit No. 3
SUBJECT: SUMMARY OF NOVEMBER 18, 2010, TELECONFERENCE WITH DNC TO
DISCUSS GENERIC LETTER 2004-02 SUPPLEMENTAL RESPONSE
REQUEST FOR ADDITIONAL INFORMATION (TAC NO. MC4695)

On November 18, 2010, a Category 1 public teleconference was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Dominion Nuclear Connecticut, Inc. (DNC). The purpose of the meeting was to discuss remaining issues identified during NRC staff review of the Millstone Power Station, Unit No. 3 (MPS3) Generic Letter (GL) 2004-02, "Potential Impact of Debris Blockage on Emergency Recirculation during Design Basis Accidents at Pressurized-Water Reactors," supplemental response. Specifically, the meeting focused on the response to NRC's request for additional information (RAI) No. 6, Item Nos. 3, 4, and 6, regarding head loss and vortexing, and DNC's draft holistic response to the NRC's RAIs. The meeting was a follow-up to the April 8, April 20, and June 7, 2010, Category 1 public teleconferences¹ on Millstone Power Station, Unit Nos. 2 & 3 GL 2004-02 supplemental response; to the July 13, 2010, Category 1 public meeting² on MPS3 GL 2004-02 supplemental response; and to the July 28, 2010, Category 1 public teleconference³ on MPS3 GL2004-02 supplemental response.

This meeting was intended to give DNC the opportunity to discuss potential paths forward for responding to the NRC staff's RAI dated February 4, 2010,⁴ specifically MPS3's RAI No. 6. The licensee provided draft responses to the NRC staff's RAI dated April 8, 2010.⁵ The licensee provided a revised copy of the draft responses based on discussions from the April 8, and April 20, 2010, teleconferences.⁶ By letter dated September 16, 2010,⁷ DNC submitted a final response to the NRC's RAIs regarding MPS3 GL2004-02 supplemental response, except for RAI No. 6, Item Nos. 3, 4 and 6. On October 17, 2010, DNC provided a revised draft response for RAI No. 6, Item Nos. 3, 4, and 6, and a holistic response to the NRC's RAIs based on discussions from the previous teleconferences and meeting.⁸

¹ Agencywide Documents Access and Management System (ADAMS) Accession Nos. ML101170575, ML101250623, and ML101590648

² ADAMS Accession No. ML10201026/handouts ML101950505

³ ADAMS Accession No. ML102220110

⁴ ADAMS Accession No. ML100070068

⁵ ADAMS Accession No. ML100980415

⁶ ADAMS Accession No. ML101530556

⁷ ADAMS Accession No. ML102640210

⁸ ADAMS Accession No. ML103470650

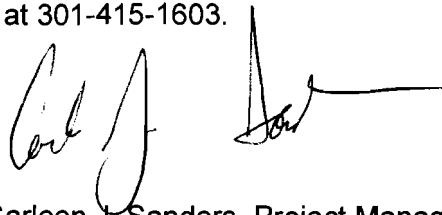
The NRC staff provided overall feedback on the remaining head loss and vortexing concerns and the holistic evaluation, stating DNC should consider the following:

1. The NRC staff understands that there are conservatisms in some aspects of DNC's testing, however the NRC staff still has concerns about the large differential between Rig-33 and Rig-89 results. DNC should discuss the testing that has been done and the differences in the testing.
2. The NRC staff does not believe the strainer submergence difference is sufficient to justify the difference in test results.
3. Provide justification over which debris bed is more representative of MPS3.
4. The NRC staff suggested strengthening the structural discussion. DNC has agreed that strengthening the discussion would be beneficial.
5. The NRC staff believes that net positive suction head and flashing are areas where DNC has margin available, and the structural limit of the strainer is an area where there is little margin. If necessary, a holistic review by the independent review team will make an assessment of the overall margin at MPS3 based on the information DNC provides in the final response.
6. The NRC staff does not believe biological effects have a major impact on the testing.
7. Deaeration does not appear to be of a value that would affect the test results.

DNC agreed to provide a final RAI response for RAI No. 6, Item Nos. 3, 4, and 6, including a holistic argument, by December 22, 2010.

No proprietary information was discussed at the meeting. No members of the public were in attendance. A list of attendees is provided in the Enclosure.

If you have any questions, please contact me at 301-415-1603.



Carleen J. Sanders, Project Manager
Plant Licensing Branch I-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-423

Enclosure:
As stated

cc w/encls: Distribution via Listserv

LIST OF ATTENDEES

NOVEMBER 18, 2010, TELECONFERENCE WITH
DOMINION NUCLEAR CONNECTICUT, INC. (DNC)
MILLSTONE POWER STATION, UNIT NO. 3
GENERIC LETTER 2004-02 SUPPLEMENTAL RESPONSE

DNC

Mark Sartain
William Bartron
Martin Legg
Dave Dakers
Joseph Rigatti
Ron Tooker
William Brown
Wanda Craft

NRC

Steward Bailey
John Lehning
Carleen Sanders
Steven Smith
Matthew Yoder

Enclosure

The NRC staff provided overall feedback on the remaining head loss and vortexing concerns and the holistic evaluation, stating DNC should consider the following:

1. The NRC staff understands that there are conservatisms in some aspects of DNC's testing, however the NRC staff still has concerns about the large differential between Rig-33 and Rig-89 results. DNC should discuss the testing that has been done and the differences in the testing.
2. The NRC staff does not believe the strainer submergence difference is sufficient to justify the difference in test results.
3. Provide justification over which debris bed is more representative of MPS3.
4. The NRC staff suggested strengthening the structural discussion. DNC has agreed that strengthening the discussion would be beneficial.
5. The NRC staff believes that net positive suction head, flashing, and chemical are areas where DNC has margin available, and the structural limit of the strainer is an area where there is little margin. If necessary, a holistic review by the independent review team will make an assessment of the overall margin at MPS3 based on the information DNC provides in the final response.
6. The NRC staff does not believe biological effects have a major impact on the testing.
7. Deairation does not appear to be of a value that would affect the test results.

DNC agreed to provide a final RAI response for RAI No. 6, Item Nos. 3, 4, and 6, including a holistic argument, by December 22, 2010.

No proprietary information was discussed at the meeting. No members of the public were in attendance. A list of attendees is provided in the Enclosure.

If you have any questions, please contact me at 301-415-1603.

/ra/
 Carleen J. Sanders, Project Manager
 Plant Licensing Branch I-2
 Division of Operating Reactor Licensing
 Office of Nuclear Reactor Regulation

Docket No. 50-423

Enclosure:
As stated

cc w/encls: Distribution via Listserv

DISTRIBUTION:

PUBLIC	Branch Reading	SSmith,NRR
JLehning, NRR	NRR RidsAcrcsAcnw_MailCTR Resource	RidsNrrDorLpII-2 Resource
RidsOgcRp Resource	RidsNrrPMMillstone Resource	RidsNrrLAABaxter Resource
MYoder, NRR	SBailey, NRR	RidsRgnIMailCenter Resource

ADAMS Accession Nos.: Package: ML103480717; Mtg Notice: ML103120242; Mtg Summary: ML103480762 *via email

OFFICE	DORL/LPL1-2/PM	DORL/LPL1-2/LA	NRR/SSIB/BC	DORL/LPL1-2/BC
NAME	CSanders	ABaxter *	SBailey	HChernoff
DATE	1/12/11	1/12/11	1/6/2011 w/ comments	1/12/11