

April 14, 2004

LICENSEE: Dominion Nuclear Connecticut, Inc.  
FACILITY: Millstone Power Station, Units 2 and 3  
SUBJECT: SUMMARY OF TELEPHONE CONFERENCE ON APRIL 8, 2004, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND DOMINION NUCLEAR CONNECTICUT, INC., CONCERNING DRAFT REQUESTS FOR ADDITIONAL INFORMATION PERTAINING TO THE MILLSTONE POWER STATION, UNITS 2 AND 3, LICENSE RENEWAL APPLICATIONS

The U.S. Nuclear Regulatory Commission staff (the staff) and representatives of Dominion Nuclear Connecticut Inc. (DNC) held a telephone conference (telecon) on April 8, 2004, to discuss and clarify the staff's draft requests for additional information (D-RAI) concerning the Millstone Power Station License Renewal Applications. The telecon was useful in clarifying the intent of the staff's D-RAIs.

During the telecon, DNC was informed that Mr. Russell J. Arrighi is no longer assigned as one of the project managers for the safety review of the Millstone Units 2 and 3 license renewal applications as he has accepted another position within NRR. Mr. Johnny H. Eads remains the project manager for the safety review, and Mr. Richard Emch as the project manager for the environmental review of Millstone Units 2 and 3 license renewal applications.

Enclosure 1 provides a list of the meeting participants. Enclosure 2 contains a listing of the D-RAIs discussed with the applicant, including a brief description on the status of the items.

The applicant has had an opportunity to review and comment on this summary.

***/RA/***

Russell Arrighi, Project Manager  
License Renewal Section A  
License Renewal and Environmental Impacts Program  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket Nos.: 50-336 and 50-423

Enclosures: As stated

cc w/enclosures: See next page

April 14, 2004

LICENSEE: Dominion Nuclear Connecticut, Inc.

FACILITY: Millstone Power Station, Units 2 and 3

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE ON APRIL 8, 2004, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND DOMINION NUCLEAR CONNECTICUT, INC., CONCERNING DRAFT REQUESTS FOR ADDITIONAL INFORMATION PERTAINING TO THE MILLSTONE POWER STATION, UNITS 2 AND 3, LICENSE RENEWAL APPLICATIONS

The U.S. Nuclear Regulatory Commission staff (the staff) and representatives of Dominion Nuclear Connecticut Inc. held a telephone conference (telecon) on April 8, 2004, to discuss and clarify the staff's draft requests for additional information (D-RAI) concerning the Millstone Power Station License Renewal Applications. The telecon was useful in clarifying the intent of the staff's D-RAIs.

During the telecon, DNC was informed that Mr. Russell J. Arrighi is no longer assigned as one of the project managers for the safety review of the Millstone Units 2 and 3 license renewal applications as he has accepted another position within NRR. Mr. Johnny H. Eads remains the project manager for the safety review, and Mr. Richard Emch as the project manager for the environmental review of Millstone Units 2 and 3 license renewal applications.

Enclosure 1 provides a list of the meeting participants. Enclosure 2 contains a listing of the D-RAIs discussed with the applicant, including a brief description on the status of the items.

The applicant has had an opportunity to review and comment on this summary.

**/RA/**

Russell Arrighi, Project Manager  
License Renewal Section A  
License Renewal and Environmental Impacts Program  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket Nos.: 50-336 and 50-423

Enclosures: As stated

cc w/enclosures: See next page

Accession no.: **ML041050831**

DOCUMENT NAME: C:\ORPCheckout\FileNET\ML041050831.wpd

|        |              |                      |              |
|--------|--------------|----------------------|--------------|
| OFFICE | PM:RLEP:DRIP | LA:RLEP:DRIP         | SC:RLEP:DRIP |
| NAME   | RArrighi     | MJenkins (Ltr. Only) | SLee         |
| DATE   | 4/14/04      | 4/14/04              | 4/14/04      |

OFFICIAL RECORD COPY

DISTRIBUTION: Summary of Telecon with DNC Re: Draft requests for additional information  
Dated: April 14, 2004 Accession No: ML ML041050831

**HARD COPY**

RLEP RF

J. Eads

R. Arrighi

**E-MAIL:**

PUBLIC

J. Craig

D. Matthews

F. Gillespie

C. Grimes

RidsNrrDe

E. Imbro

G. Bagchi

K. Manoly

W. Bateman

J. Calvo

R. Jenkins

P. Shemanski

J. Fair

S. Black

B. Boger

D. Thatcher

R. Pettis

G. Galletti

C. Li

M. Itzkowitz

R. Weisman

M. Mayfield

A. Murphy

S. Smith (srs3)

S. Duraiswamy

Y. L. (Renee) Li

RLEP Staff

-----

V. Nerses

C. Marco

C. O'Daniell

D Shum

Millstone Power Station, Units 2 and 3

cc:

Lillian M. Cuoco, Esquire  
Senior Counsel  
Dominion Resources Services, Inc.  
Rope Ferry Road  
Waterford, CT 06385

Edward L. Wilds, Jr., Ph.D.  
Director, Division of Radiation  
Department of Environmental Protection  
79 Elm Street  
Hartford, CT 06106-5127

Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

First Selectman  
Town of Waterford  
15 Rope Ferry Road  
Waterford, CT 06385

Mr. P. J. Parulis  
Manager - Nuclear Oversight  
Dominion Nuclear Connecticut, Inc.  
Rope Ferry Road  
Waterford, CT 06385

Mr. W. R. Matthews  
Senior Vice President - Nuclear Operations  
Dominion Nuclear Connecticut, Inc.  
Rope Ferry Road  
Waterford, CT 06385

Mr. John Markowicz  
Co-Chair  
Nuclear Energy Advisory Council  
9 Susan Terrace  
Waterford, CT 06385

Mr. Evan W. Woollacott  
Co-Chair  
Nuclear Energy Advisory Council  
128 Terry's Plain Road  
Simsbury, CT 06070

Senior Resident Inspector  
Millstone Power Station  
c/o U.S. Nuclear Regulatory Commission  
P. O. Box 513  
Niantic, CT 06357

Mr. G. D. Hicks  
Director - Nuclear Station Safety  
and Licensing  
Dominion Nuclear Connecticut, Inc.  
Rope Ferry Road  
Waterford, CT 06385

Ms. Nancy Burton  
147 Cross Highway  
Redding Ridge, CT 00870

Mr. William D. Meinert  
Nuclear Engineer  
Massachusetts Municipal Wholesale  
Electric Company  
Moody Street  
P.O. Box 426  
Ludlow, MA 01056

Mr. J. Alan Price  
Site Vice President  
Dominion Nuclear Connecticut, Inc.  
Rope Ferry Road  
Waterford, CT 06385

Mr. Chris L. Funderburk  
Director, Nuclear Licensing and  
Operations Support  
Dominion Resources Services, Inc.  
Innsbrook Technical Center  
5000 Dominion Boulevard  
Glen Allen, VA 23060-6711

Mr. David W. Dodson  
Licensing Supervisor  
Dominion Nuclear Connecticut, Inc.  
Rope Ferry Road  
Waterford, CT 06385

Millstone Power Station, Units 2 and 3

- 2 -

cc:

David R. Lewis  
Shaw Pittman, LLC  
2300 N. Street N.W.  
Washington, DC 20037

Mr. S. E. Scace  
Assistant to the Site Vice President  
Dominion Nuclear Connecticut, Inc.  
Rope Ferry Road  
Waterford, CT 06385

Mr. M. J. Wilson  
Manager - Nuclear Training  
Dominion Nuclear Connecticut, Inc.  
Rope Ferry Road  
Waterford, CT 06385

Mr. A. J. Jordan, Jr.  
Director - Nuclear Engineering  
Dominion Nuclear Connecticut, Inc.  
Rope Ferry Road  
Waterford, CT 06385

Mr. S. P. Sarver  
Director - Nuclear Station Operations  
and Maintenance  
Dominion Nuclear Connecticut, Inc.  
Rope Ferry Road  
Waterford, CT 06385

Mr. Charles Brinkman, Director  
Washington Operations Nuclear Services  
Westinghouse Electric Company  
12300 Twinbrook Pkwy, Suite 330  
Rockville, MD 20852

Mr. William D. Corbin  
Director - Nuclear Projects Department  
Innsbrook Technical Center  
5000 Dominion Boulevard  
Glen Allen, VA 23060-6711

Mr. William R. Watson, Jr.  
Supervisor - License Renewal Project  
Building 475/5  
Millstone Power Station  
Rope Ferry Road  
Waterford, CT 06385

Judy Liskov, Assistant Director  
Waterford Public Library  
49 Rope Ferry Road  
Waterford, Connecticut 06385-2806

Mildred Hodge, Director  
Three Rivers Community College  
Thames River Campus  
574 New London Turnpike  
Norwich, Connecticut 06360

Mr. David A. Christian  
Senior Vice President and Chief Nuclear  
Officer  
Dominion Nuclear Connecticut, Inc.  
Innsbrook Technical Center  
5000 Dominion Boulevard  
Glen Allen, VA 23060-6711

**LIST OF PARTICIPANTS FOR TELEPHONE CONFERENCE  
TO DISCUSS THE MILLSTONE POWER STATION, UNITS 2 AND 3,  
LICENSE RENEWAL APPLICATION  
APRIL 8, 2004**

Telecon Participants

| <u>PARTICIPANTS</u> | <u>AFFILIATION</u> |
|---------------------|--------------------|
| Russell Arrighi     | NRC                |
| David Shum          | NRC                |
| Bill Watson         | DNC                |
| Paul Aitken         | DNC                |
| Charlie Sorrell     | DNC                |
| Ben Ridille         | DNC                |
| Marc Hotchaiss      | DNC                |
| Dan Prelewicz       | ISL                |
| Cliff Marks         | ISL                |

**MILLSTONE POWER STATION, UNITS 2 AND 3  
REVIEW OF LICENSE RENEWAL APPLICATION FOR  
DRAFT REQUESTS FOR ADDITIONAL INFORMATION (D-RAI)**

April 8, 2004

During the April 8, 2004, conference call with representatives of Dominion Nuclear Connecticut Inc. (DNC), the NRC staff (the staff) discussed draft requests for additional information (D-RAIs) it had prepared for the Millstone Units 2 and 3 license renewal application (LRA). The following D-RAIs were discussed during the telephone conference. Millstone Unit 2 D-RAIs end in suffix "A". The Millstone Unit 3 D-RAIs end in suffix "B".

**2.3 SCOPING AND SCREENING RESULTS — MECHANICAL SYSTEMS**

**Section 2.3.2.5, Spent Fuel Pool Cooling System (Unit 2)**

D-RAI 2.3.2.5-1A

Millstone Unit 2 Final Safety Evaluation Report (FSAR) Section 9.5.3.3 states that in the event that a serious leak develops in the spent fuel pool (SFP) liner, makeup water is supplied to the pool from the primary makeup water (PMW) system by manual initiation from the 14'6" level of the auxiliary building, and that should the leakage exceed the 50 gpm normal makeup capability, additional makeup is available from the refueling water storage tank (RWST) via the refueling water purification system, and the fire protection system by temporary hose connections. License renewal drawing 25203-LR26023, Sheet 2, shows portions of the flow paths from the PMW and RWST systems to the SFP in scope and subject to an aging management review (AMR). Provide justification to explain why all portions of the PMW and RWST makeup paths are not included within the scope of license renewal and subject to an AMR or justify their exclusion.

**Response:** DNC indicated that the question is clear.

**2.3.3.3, Service Water System (Unit 2)**

D-RAI 2.3.3.3-1A

On license renewal drawing 25203-LR26008, Sheet 2, at locations B6, B9, and B12, the service water strainers overflow lines are shown as outside the scope of license renewal and excluded from being subject to an AMR. Failure of the overflow line may cause the service water to flow to the outside of the strainer and on safety related components in the intake structure. Provide justification to explain why these drain lines are excluded from being within the scope of license renewal and subject to an AMR or justify their exclusion.

**Response:** DNC indicated that the question is clear.

### **Section 2.3.3.28, Process and Area Radiation Monitoring System (Unit 2)**

#### D-RAI 2.3.3.28-1A

LRA Section 2.3.3.28 states that this system is within the scope of license renewal because it meets the requirements of 10 CFR 54.4(a)(1) by providing, among other things, “actuation of certain systems or components in response to detected radiation conditions.” In order to perform this function, the section of piping downstream of valves 2-AC-527 and 2-AC-529 serves as a pressure boundary. This section of piping is not shown on license renewal drawing 25203-LR26028, Sheet 2, Sections J6 and G6, as being within the scope of license renewal. Clarify whether these components are within the scope of license renewal and subject to an AMR or justify their exclusion.

**Response:** DNC indicated that the question is clear.

### **Section 2.3.3.35, Diesel Generator System (Unit 2)**

#### D-RAI 2.3.3.35-1A

On license renewal diagram 25203-LR26010, Sheet 1, at locations F8 and J8, governors are shown as not subject to an AMR. Although the governor itself is an active component, its housing serves a pressure boundary intended function. The governor housing is not listed in LRA Tables 2.3.3-34 or 3.3.2-34 as a component within the scope of license renewal. Clarify whether this component is included with another component type. If not, justify its exclusion from the scope of license renewal and from being subject to an AMR or update the corresponding tables to include this component.

**Response:** DNC indicated that the question is clear.

### **2.3.4.10 Plant Heating and Condensate Recovery System (Unit 2)**

#### D-RAI 2.3.4.10-1A

Unit 2 LRA drawing 25203-LR26026 Sheet 3 of 5 does not show the refueling water storage tank (RWST) heat exchanger and attached piping as part of the evaluation boundary. A potential leak in this heat exchanger or the attached piping inside of the RWST could potentially reduce the boron concentration in the tank and thereby impact the safe shutdown boric acid requirements.

Include the RWST heat exchanger and the attached piping inside of the RWST within the scope of license renewal or provide justification to explain why these components are excluded from being within the scope of license renewal and subject to an AMR.

**Response:** DNC indicated that the question is clear.



### **2.3.3.2 Service Water System (Unit 3)**

#### D-RAI 2.3.3.2-1B

License renewal drawing 25212-LR26933, Sheet 2, shows an in-line flow indicator (FI-162), at location N8 within the scope of license renewal and subject to an AMR. However, this component is not listed in LRA Table 2.3.3-2 as a component type subject to an AMR. In-line flow indicators serve a pressure boundary intended function.

Clarify whether the in-line flow indicator is included with some other component type that is listed in LRA Table 2.3.3-2. If not, justify its exclusion from the scope of license renewal and from being subject to an AMR, or update the corresponding tables to include this component.

**Response:** DNC indicated that the question is clear.

#### D-RAI 2.3.3.2-2B

License renewal drawing 25212-LR26933, Sheet 2, shows thermowells (TW-65A, B, C and D) at locations H6, H5, H9 and H3, excluded from being within the scope of license renewal and subject to an AMR. Thermowells normally penetrate the piping pressure boundary; therefore, they serve a pressure boundary intended function.

Clarify whether the above described thermowells are included with some other component type that is listed in LRA Table 2.3.3-2. If not, justify their exclusion from the scope of license renewal and from being subject to an AMR, or update the corresponding tables to include this component.

**Response:** DNC indicated that the question is clear.

### **Section 2.3.4.3, Feedwater System (Unit 3)**

#### D-RAI 2.3.4.3-1B

Unit 3 license renewal drawing 25212-LR26930, Sheets 3 and 4, indicates that a portion of the feedwater system is continued on license renewal drawing 26930, Sheet 1. However, this drawing is not included in the LRA. Additionally, Unit 3 LRA Section 2.3.4.2 states that “the evaluation boundary begins at the feedwater flow elements” but does not identify the particular elements to which the LRA refers. Please provide LRA drawing 26930, Sheet 1, and identify the “flow elements” that are mentioned in LRA Section 2.3.4.2.

**Response:** DNC indicated that the question is clear.