

Dominion Resources Services, Inc.  
Innsbrook Technical Center  
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May 2, 2016

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
One White Flint North  
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Rockville, MD 20852-2738

Serial No.: 16-023  
NLOS/MLW: R4  
Docket Nos.: 50-336/423  
50-338/339  
50-280/281  
License Nos.: DPR-65  
NPF-49  
NPF-4/7  
DPR-32/37

**DOMINION NUCLEAR CONNECTICUT, INC. (DNC)**  
**VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION)**  
**MILLSTONE POWER STATION UNITS 2 AND 3**  
**NORTH ANNA POWER STATION UNITS 1 AND 2**  
**SURRY POWER STATION UNITS 1 AND 2**  
**NRC REGULATORY ISSUE SUMMARY 2015-16**  
**PLANNED LICENSING ACTION SUBMITTALS**

In response to Nuclear Regulatory Commission (NRC) Regulatory Issue Summary 2015-16, Revision 1, "Planned Licensing Actions Submittals for All Power Reactor Licensees," Attachments 1 through 3 provide the requested information on proposed planned licensing action submittals for the next three calendar years for Millstone (MPS), North Anna (NAPS) and Surry (SPS) Power Stations. Neither DNC nor Dominion currently have power uprates planned in the next five years.

The information in the attachments is being voluntarily provided to assist the NRC in planning for the necessary resources during the budget process. Alterations to the planned licensing actions in Attachments 1 through 3 will be communicated to the appropriate NRC Project Managers as they occur.

If you have any questions concerning this information, please contact Michael Whitlock at (804) 273-3123.

Sincerely,

Mark D. Sartain  
Vice President - Nuclear Engineering  
Dominion Nuclear Connecticut, Inc.  
Virginia Electric and Power Company

Attachment 1: Table of Estimated Licensing Actions for Millstone Power Station  
Attachment 2: Table of Estimated Licensing Actions for North Anna Power Station  
Attachment 3: Table of Estimated Licensing Actions for Surry Power Station

Commitments made in this letter: None

MOD 3  
NR R

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NRC Senior Resident Inspector  
Millstone Power Station

NRC Senior Resident Inspector  
North Anna Power Station

NRC Senior Resident Inspector  
Surry Power Station

**ATTACHMENT 1**

**Table of Estimated Licensing Actions for Millstone Power Station**

**MILLSTONE POWER STATION – UNITS 2 & 3**  
**DOMINION NUCLEAR CONNECTICUT, INC.**

## Table of Estimated Licensing Actions

Millstone Power Station

Units 2 and 3

Docket Nos: 50-336/50-423

Plant Name and Unit Number(s)	Licensing Action Type	TSTF Number, if any	Licensing Action Description/Title	Projected Submittal Date	Outage Related?	Outage Related Date	Can the NRC staff make the information public?	Comments	Proprietary Information
Millstone Power Station Unit 2 and 3	Relief Request		Relief Requests RR-04-23 and IR-03-28 to use UT in lieu of RT.	04/2016	Yes	1Q2017	Yes		No
Millstone Power Station Unit 2	License Amendment		LAR for Large Break LOCA Reanalysis	05/2016	Yes	4Q2016	Yes		Yes
Millstone Power Station Unit 3	Exemptions		Exemption for AXIOM Lead Test Assembly	07/2016	Yes	4Q2017	Yes		No
Millstone Power Station Unit 2	License Amendment		LAR to Revise MPS2 TS 3.8.1.1 to add a required ACTION that would reduce shutdown risk at MPS3. (RSST)	09/2016	Yes	4Q2017	Yes		No
Millstone Power Station Unit 3	License Amendment		LAR to Add New TS 3/4.7.15 for Main Feedwater Isolation, Regulating, and Bypass Valves	12/2016	No		Yes		No
Millstone Power Station Unit 2	License Amendment		Extension of Type A ILRT Interval to 15 Years. Revise TS for Containment Leakage Rate Testing Requirements	10/2017	Yes	4Q2018	Yes		No
Millstone Power Station Units 2 and 3	License Amendment		LAR for Electrical Cross-Tie Connection	2017	No		Yes		No
Millstone Power Station Unit 3	License Amendment	TSTF-556	LAR for Resolution of Open Phase Condition Bulletin 2012-01 - Design Vulnerability in electric power system	2017	No		Yes		No
Millstone Power Station Unit 2	License Amendment		LAR to Revise SR 4.6.2.1.2.b to Increase RBCCW Minimum Flow Rate to CAR Coolers from >500 gpm to >1700 gpm	2017	No		Yes		No
Millstone Power Station Unit 3	License Amendment	TSTF-374	Modify TS requirements for EDG fuel oil testing	2017	No		Yes		No
Millstone Power Station Units 2 and 3	License Amendment	TSTF-552	Diesel Generator Frequency and Voltage Surveillance Requirements. WCAP-17308-NP.	2018	No		Yes		No
Millstone Power Station Unit 2	License Amendment		Measurement Uncertainty Recapture (MUR) - Recovery of a portion of the 2% measurements Uncertainty Required by Regulations	2018	No		Yes		No
Millstone Power Station Unit 2	License Amendment		Delete Item 8 (Containment Water Level Narrow Range) from Table 3.3-11 of TS 3.3.3.8	2018	No		Yes		No
Millstone Power Station Unit 3	License Amendment		Extension of Type A ILRT Interval to 15 Years. Revise TS for Containment Leakage Rate Testing Requirements	10/2019	Yes	4Q2020	Yes		No

**ATTACHMENT 2**

**Table of Estimated Licensing Actions for North Anna Power Station**

**NORTH ANNA POWER STATION – UNITS 1 & 2**

**VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION)**

## Table of Estimated Licensing Actions

North Anna Power Station

Unit 1 and Unit 2

Docket Nos: 50-338/339

Plant Name and Unit Number(s)	Licensing Action Type	TSTF Number, if any	Licensing Action Description/Title	Projected Submittal Date	Outage Related?	Outage Related Date	Can the NRC staff make the information public? Yes or No	Comments	Proprietary Information
North Anna Power Station, Units 1 and 2	License Amendment		EAL Revision - Fuel clad degradation and fuel clad barrier loss	07/2016	No		Yes		No
North Anna Power Station, Units 1 and 2	License Amendment		ISFSI License Renewal (for Pad 1 TN-32)	05/2016	No		Yes		No
North Anna Power Station, Units 1 and 2	License Amendment		Fuel Independent SBLOCA Analysis (TS Reference Change/COLR Mod)	08/2016	No		Yes	Supports compliance with 10CFR50.46(c)	Yes
North Anna Power Station, Units 1 and 2	License Amendment		Revision to Spent Fuel Criticality Analysis – updated fuel design w/ 5% fuel enrichment	09/2016	No		Yes		Yes
North Anna Power Station, Units 1 and 2	License Amendment		LAR for PAD 5.0 and FSLOCA [Large Break]	2018	No		Yes	Supports compliance with 10CFR50.46(c)	Yes
North Anna Power Station, Units 1 and 2	License Amendment		Adds Open Phase Condition (OPC) Isolation System operability and surveillance requirements for mitigation of an OPC	01/2017	Yes	2nd Qtr 2018 (NAPS1) 4th Qtr 2020 (NAPS2)	Yes		No
North Anna Power Station, Units 1 and 2	License Amendment		Revise the Environmental Protection Plan to Correct CFR References	2017	No		Yes		No
North Anna Power Station, Units 1 and 2	License Amendment	TSTF-522	Revise the surveillance requirements for TS 3.7.10 and 3.7.12 for the PREACS and MCR/ESGR Filters to operate them for greater than or equal to 15 minutes. Revise TS 5.5.10 to incorporate the requirements of Regulatory Guide 1.52, revision 3, which requires In-Place Filter Testing/Laboratory Testing to be extended to 24 months.	09/2016	No		Yes		No
North Anna Power Station, Unit 1	Relief Request		Second Period Limited Examination Relief Request - N1-I4-LMT-002	2017	No		Yes		No
North Anna Power Station, Units 1 and 2	Relief Request		Request to extend the reactor vessel weld examinations by ten years. The PWR Owner's Group analysis by Westinghouse has already been started. N1-I4-NDE-008 / N2-I4-NDE-003	07/2016	Yes	1Q2018	Yes		No
North Anna Power Station, Unit 1	Relief Request		North Anna Unit 1 Fifth Interval ISI Program Relief Requests	2018	Yes	3Q2019	Yes		No
North Anna Power Station, Units 1 and 2	License Amendment		LAR to rely on off-site EMT's rather than on-site EMT's	2017	No		Yes		No
North Anna Power Station, Units 1 and 2	License Amendment		LAR to move the Local Emergency Operations Facility (LEOF) to an EOF located at Innsbrook	2017	No		Yes		No

**ATTACHMENT 3**

**Table of Estimated Licensing Actions for Surry Power Station**

**SURRY POWER STATION – UNITS 1 & 2**

**VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION)**

## Table of Estimated Licensing Actions

Surry Power Station

Unit 1 and Unit 2

Docket Nos: 50-280/281

Plant Name and Unit Number(s)	Licensing Action Type	TSTF Number, if any	Licensing Action Description/Title	Projected Submittal Date	Outage Related?	Outage Related Date	Can the NRC staff make the information public? Yes or No	Comments	Proprietary Information
Surry Power Station Units 1 and 2	License Amendment	TSTF-547	Alternate monitoring of rod position with one inoperable rod position indicator	05/2016	No		Yes		No
Surry Power Station Units 1 and 2	License Amendment		Revises Residual Heat Removal (RHR) and Component Cooling (CC) Systems' TS Requirements and adds an RHR Surveillance	05/2016	No		Yes		No
Surry Power Station Units 1 and 2	License Amendment		Revises the Fuel Cladding Barrier Degradation and Loss Emergency Action Level Thresholds	06/2016	No		Yes		No
Surry Power Station Units 1 and 2	License Amendment		Extends the Charging Pump Service Water and MCR/ESGR AC Subsystems Flowpath Allowed Outage Time from 24 to 72 hrs	05/2016	No		Yes		No
Surry Power Station Units 1 and 2	License Amendment		Expands the Primary Grade (PG) Water Lockout TS Requirements	05/2016	No		Yes		No
Surry Power Station Units 1 and 2	License Amendment		Extends the Emergency Service Water Pump Allowed Outage Time from 7 to 14 days	06/2016	No		Yes		No
Surry Power Station Units 1 and 2	License Amendment		Adds Open Phase Condition (OPC) Isolation System operability and surveillance requirements for mitigation of an OPC	01/2017	Yes	2nd Qtr 2018 (SPS1) 4th Qtr 2018 (SPS2)	Yes		No
Surry Power Station Units 1 and 2	License Amendment		Revises RCS Activity Limits and Dose Consequences for FHA, SGTR, MSLB and LRA	06/2016	No		Yes		No
Surry Power Station Units 1 and 2	License Amendment		TS change to extend AOT to permit replacement of the Reserve Station Service Transformer C and cable/bus replacement	03/2017	Yes	3rd Qtr 2018	Yes		No
Surry Power Station Units 1 and 2	Relief Request		ISI Alternative Request to permit use of CFRP application in buried safety related SW Piping as pressure boundary	07/2016	Yes	2nd Qtr 2017	Yes		No
Surry Power Station Units 1 and 2	License Amendment		Administrative change deletes temporary/one-time TS AOTs/Requirements for previously completed chilled water pipe replacement project, and other	08/2016	No		Yes		No
Surry Power Station Units 1 and 2	License Amendment		Revised UFSAR Dose Analyses	09/2016	No		Yes		No
Surry Power Station Units 1 and 2	License Amendment		Fuel Independent SBLOCA Analysis	09/2016	No		Yes		Yes
Surry Power Station Units 1 and 2	License Amendment		Topical Report DOM-NAF-2 Appendix E (AGORA CHF Correlation)	12/2016	No		Yes		TBD
Surry Power Station Units 1 and 2	License Amendment		RLBLOCA for Vendor Qualification Program	04/2017	No		Yes		TBD
Surry Power Station Units 1 and 2	License Amendment		AGORA Vendor Qualification Program Submittal	04/2017	No		Yes		TBD
Surry Power Station Units 1 and 2	License Amendment		Spent Fuel Pool Criticality Analysis	2018	No		Yes		Yes
Surry Power Station Units 1 and 2	License Amendment		Full Spectrum LOCA Analysis	2018	No		Yes		Yes
Surry Power Station Units 1 and 2	License Amendment		Relocation of Leak Testing of Miscellaneous Radioactive Materials to TRM	2018	No		Yes		No
Surry Power Station Units 1 and 2	License Amendment		LAR to rely on off-site EMT's rather than on-site EMT's	2017	No		Yes		No
Surry Power Station Units 1 and 2	License Amendment		LAR to move the Local Emergency Operations Facility (LEOF) to an EOF located at Innsbrook	2017	No		Yes		No