



September 7, 2010

ATTN: Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Serial No. 10-527
LIC/CDS/R0
Docket No.: 50-305
License No.: DPR-43

DOMINION ENERGY KEWAUNEE, INC.
KEWAUNEE POWER STATION
LICENSE AMENDMENT REQUEST 249: KEWAUNEE POWER STATION
CONVERSION TO IMPROVED TECHNICAL SPECIFICATIONS (TAC NO. ME2139) –
SUBMITTAL OF INFORMATION REQUESTED BY NRC STAFF

By letter dated August 24, 2009 (reference 1) as supplemented by letters dated May 12, 2010 (reference 2), April 13, 2010 (two letters) (references 3 and 4), October 22, 2009, (reference 5), July 1, 2010 (reference 6), and July 16, 2010 (reference 7) Dominion Energy Kewaunee, Inc. (DEK) submitted an application to amend the Kewaunee Power Station (Kewaunee) Technical Specifications. This application, License Amendment Request 249 (LAR 249), requested a conversion of the current Technical Specifications (CTS) to the Improved Technical Specifications (ITS), consistent with the Improved Standard Technical Specifications (ISTS) as described in NUREG-1431, "Standard Technical Specifications - Westinghouse Plants," Revision 3.0, and certain generic changes to the NUREG.

On August 27, 2010, the NRC staff requested DEK submit additional information to support the NRC staff review of LAR 249 (reference 8). The purpose of this letter is to submit the requested information.

The submittal of this information does not affect the wording or conclusions of the proposed amendment.

DEK continues to request approval of the proposed amendment and an implementation period as stated in Reference 1.

A copy of this letter has been provided to the State of Wisconsin in accordance with 10 CFR 50.91(b).

If you have any questions or require additional information, please contact Mr. Craig D. Sly at (804) 273-2784.

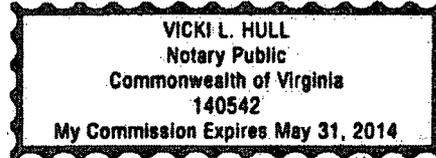
ADD
NRR

Very truly yours,



Leslie N. Hartz
Vice President – Nuclear Support Services

COMMONWEALTH OF VIRGINIA)
)
COUNTY OF HENRICO)



The foregoing document was acknowledged before me, in and for the County and Commonwealth aforesaid, today by Leslie N. Hartz, who is Vice President - Nuclear Support Services of Dominion Energy Kewaunee, Inc. She has affirmed before me that she is duly authorized to execute and file the foregoing document in behalf of that Company, and the statements in the document are true to the best of her knowledge and belief.

Acknowledged before me this 7TH day of September, 2010.

My Commission expires: May 31, 2014

Vicki L. Hull
Notary Public

Attachments:

1. Kewaunee Nuclear Power Plant Calculation C11116, Revision 0, "Kewaunee Unit 1 Steam Generator Narrow Range Level Protection Channel Statistical Allowance (CSA) Calculation."
2. Kewaunee Nuclear Power Plant Calculation C10818, Revision 0, "Kewaunee Unit 1 Pressurizer Pressure Protection Channel Statistical Allowance (CSA) Calculation."
3. Kewaunee Nuclear Power Plant Calculation C10854, Revision 0, "Hi & Hi-Hi Steam Flow and Low Steam Line Pressure ESF Actuation CSA."
4. Dominion Technical Report No. EE-0116, Revision 7, "Allowable Values for North Anna Improved Technical Specifications (ITS) Tables 3.3.1-1 and 3.3.2-1, Setting Limits for Surry Custom Technical Specifications (CTS), Sections 2.3 and 3.7, and Allowable Values for Kewaunee Power Station Improved technical Specifications (ITS) Functions Listed in Specification 5.5.16."
5. Kewaunee Surveillance Procedure SP-47-011B, Revision 17, "Reactor Coolant Temperature and Pressurizer Pressure Instrument Channel 2 (White) Calibration."

References:

1. Letter from Leslie N. Hartz (DEK) to Document Control Desk (NRC), "License Amendment Request 249: Kewaunee Power Station Conversion to Improved Technical Specifications (TAC NO. ME02467)," dated August 24, 2009. [ADAMS Accession No's ML092440371, ML092440416 through ML092440435, and ML092440441]
2. Letter from J. Alan Price (DEK) to Document Control Desk (NRC), "License Amendment Request 249: Kewaunee Power Station Conversion to Improved Technical Specifications – Request to Change Proposed Service Water and Main Steam Isolation Valve Specifications," dated May 12, 2010. [ADAMS Accession No. ML101380399]
3. Letter from J. Alan Price (DEK) to Document Control Desk (NRC), "License Amendment Request 249 (TAC No. ME02467) Conversion to Improved Technical Specifications Response to Request for Additional Information RE: TSTF-490," dated April 13, 2010. [ADAMS Accession No. ML101060517]
4. Letter from J. Alan Price (DEK) to Document Control Desk (NRC), "License Amendment Request 249: (TAC No. ME02467) Conversion to Improved Technical Specifications - Setpoint Methodology," dated April 13, 2010. [ADAMS Accession No. ML101040090]
5. Letter from J. Alan Price (DEK) to Document Control Desk (NRC), "License Amendment Request 249: Conversion to Improved Technical Specifications - Setpoint Methodology Supplement (TAC NO. ME02467)," dated October 22, 2009. [ADAMS Accession No. ML093070096]
6. Letter from J. Alan Price (DEK) to Document Control Desk (NRC), "License Amendment Request 249: Kewaunee Power Station Conversion to Improved Technical Specifications (TAC NO. ME2139) – Supplement to Volumes 3, 4, 5, 6, 9, 11, and 15, and Proposed License Conditions," dated July 1, 2010. [ADAMS Accession No. ML101890176]
7. Letter from J. Alan Price (DEK) to Document Control Desk (NRC), "License Amendment Request 249: Kewaunee Power Station Conversion to Improved Technical Specifications (TAC NO. ME2139) – Supplement to Volumes 7, 10, 12, and 16, and Proposed License Conditions," dated July 16, 2010.
8. E-mail from K. D. Feintuch (NRC) to C. D. Sly (DEK), "ME3460 Request for Additional Information to support Safety Evaluation for Kewaunee ITS Conversion and TSTF – 493 Submittal," dated August 27, 2010.

Commitments made by this letter: None.

Enclosed with this letter is a digital video disk (DVD) which contains this submittal's Attachments and Enclosures, labeled:

Dominion Energy Kewaunee, Inc.
Kewaunee Power Station
License Amendment Request 249: Kewaunee Power
Station Conversion to Improved Technical Specifications
(TAC No. ME2139) – Submittal of Information Requested by NRC Staff
Serial No. 10-527
Docket No. 50-305
License No. DPR-43

The enclosed DVD contains the following files:

	File Name	File Size	Sensitivity
001	Attachment 1.pdf	1,486,848 bytes	publicly available
002	Attachment 2.pdf	481,280 bytes	publicly available
003	Attachment 3.pdf	473,088 bytes	publicly available
004	Attachment 4.pdf	1,034,240 bytes	publicly available
005	Attachment 5.pdf	661,504 bytes	publicly available

cc: Regional Administrator, Region III
U. S. Nuclear Regulatory Commission
2443 Warrenville Road
Suite 210
Lisle, IL 60532-4352

Mr. K. D. Feintuch
Sr. Project Manager
U.S. Nuclear Regulatory Commission
One White Flint North
Mail Stop O8-H4A
11555 Rockville Pike
Rockville, MD 20852-2738

Mr. R. B. Elliott
NRC IT Branch Chief
U.S. Nuclear Regulatory Commission
One White Flint North
Mail Stop O8-H4A
11555 Rockville Pike
Rockville, MD 20852-2738

Mr. V. G. Cusumano
NRC KPS ITS Conversion Lead
U.S. Nuclear Regulatory Commission
One White Flint North
Mail Stop O7-C2A
11555 Rockville Pike
Rockville, MD 20852-2738

NRC Senior Resident Inspector
Kewaunee Power Station

Public Service Commission of Wisconsin
Electric Division
P.O. Box 7854
Madison, WI 53707

Serial No. 10-527
Docket No. 50-305

ATTACHMENT 1
(Contents provided on enclosed DVD)

**LICENSE AMENDMENT REQUEST 249: KEWAUNEE POWER STATION
CONVERSION TO IMPROVED TECHNICAL SPECIFICATIONS (TAC NO. ME2139)
SUBMITTAL OF INFORMATION REQUESTED BY NRC STAFF**

**KEWAUNEE NUCLEAR POWER PLANT CALCULATION C11116, REVISION 0
"KEWAUNEE UNIT 1 STEAM GENERATOR NARROW RANGE LEVEL
PROTECTION CHANNEL STATISTICAL ALLOWANCE (CSA) CALCULATION"**

**KEWAUNEE POWER STATION
DOMINION ENERGY KEWAUNEE, INC.**

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ATTACHMENT 2
(Contents provided on enclosed DVD)

**LICENSE AMENDMENT REQUEST 249: KEWAUNEE POWER STATION
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**KEWAUNEE NUCLEAR POWER PLANT CALCULATION C10818, REVISION 0
"KEWAUNEE UNIT 1 PRESSURIZER PRESSURE PROTECTION CHANNEL
STATISTICAL ALLOWANCE (CSA) CALCULATION"**

**KEWAUNEE POWER STATION
DOMINION ENERGY KEWAUNEE, INC.**

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ATTACHMENT 3
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**KEWAUNEE NUCLEAR POWER PLANT CALCULATION C10854, REVISION 0
"HI & HI-HI STEAM FLOW AND LOW STEAM LINE PRESSURE ESF
ACTUATION CSA"**

**KEWAUNEE POWER STATION
DOMINION ENERGY KEWAUNEE, INC.**

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ATTACHMENT 4
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**DOMINION TECHNICAL REPORT NO. EE-0116, REVISION 7
“ALLOWABLE VALUES FOR NORTH ANNA IMPROVED TECHNICAL
SPECIFICATIONS (ITS) TABLES 3.3.1-1 AND 3.3.2-1, SETTING LIMITS FOR
SURRY CUSTOM TECHNICAL SPECIFICATIONS (CTS), SECTIONS 2.3 AND
3.7, AND ALLOWABLE VALUES FOR KEWAUNEE POWER STATION
IMPROVED TECHNICAL SPECIFICATIONS (ITS) FUNCTIONS LISTED IN
SPECIFICATION 5.5.16.”**

**KEWAUNEE POWER STATION
DOMINION ENERGY KEWAUNEE, INC.**

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ATTACHMENT 5
(Contents provided on enclosed DVD)

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**KEWAUNEE SURVEILLANCE PROCEDURE SP-47-011B, REVISION 17
"REACTOR COOLANT TEMPERATURE AND PRESSURIZER PRESSURE
INSTRUMENT CHANNEL 2 (WHITE) CALIBRATION"**

**KEWAUNEE POWER STATION
DOMINION ENERGY KEWAUNEE, INC.**
