



October 22, 2009

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

Serial No. 09-491A
LIC/GOR/R0
Docket No.: 50-305
License No.: DPR-43

DOMINION ENERGY KEWAUNEE, INC.
KEWAUNEE POWER STATION
LICENSE AMENDMENT REQUEST 249: CONVERSION TO IMPROVED TECHNICAL SPECIFICATIONS – SETPOINT METHODOLOGY SUPPLEMENT
(TAC NO. ME02467)

Pursuant to 10 CFR 50.90, Dominion Energy Kewaunee, Inc. (DEK) requested an amendment to Facility Operating License Number DPR-43 for Kewaunee Power Station (Kewaunee) (reference 1). This amendment request would revise Kewaunee's current Technical Specifications (CTS) to Improved Technical Specifications (ITS) consistent with the Improved Standard Technical Specifications (ISTS) described in NUREG 1431, "Standard Technical Specifications - Westinghouse Plants," Revision 3.0. This supplement provides Kewaunee's setpoint methodology for those instruments included in Kewaunee's Setpoint Control Program, as required by proposed Technical Specification 5.5.16, "Setpoint Control Program."

In Reference 1, DEK proposed adoption of technical specification task force (TSTF) traveler TSTF-493, "Clarify Application of Setpoint Methodology for LSSS Functions," Revision 4 (TSTF-493, Rev. 4), Option B, into the Kewaunee ITS. Option B allows the relocation of the instrument Allowable Values from the Technical Specifications to licensee control. TSTF-493, Rev. 4, states that a request to adopt Option B requires submittal and NRC approval of the setpoint methodology or methodologies that a plant desires to use to calculate future setpoint changes. The enclosed document provides the proposed setpoint methodology for Kewaunee. The methodology is referenced in proposed ITS Specification 5.5.16, "Setpoint Control Program," item b.1.

TSTF-493, Rev. 4 was submitted to the NRC by the TSTF on July 31, 2009 (ADAMS Accession No. ML092150990) and is currently not approved by the NRC. Although not approved by the NRC, DEK used this revision in the development of the Kewaunee ITS conversion license amendment request (LAR) (reference 1). Because Kewaunee's ITS conversion LAR and TSTF-493, Rev. 4 were developed in parallel, there may be some differences between the two due to last minute revisions.

A001
NRR

DEK discussed adoption of TSTF-493 and submission of this supplemental information with the NRC staff at public meetings on January 15, 2009 (ADAMS Accession No. ML090080110) and May 21, 2009 (ADAMS Accession NO. ML091330025). During a teleconference between Mr. Victor Cusumano (NRC) and Mr. Robert Hanley (DEK) on September 9, 2009, it was agreed that the setpoint methodology for the applicable instrumentation channels would be submitted to the NRC by a supplement to DEK's Kewaunee LAR 249, "Kewaunee Power Station Conversion to Improved Technical Specifications."

Enclosed is Technical Report No. EE-0116, Revision 5, "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," North Anna Power Station, Surry Power Station, and Kewaunee Power Station, Corporate Electrical/I&C/Computers, Dominion Nuclear Engineering, October 2009 (EE-0116, Rev. 5). Technical Report EE-0116 Rev. 5 provides the setpoint methodology associated with the applicable channel instruments. For clarity, information contained in EE-0116 which is solely associated with North Anna Power Station Units 1 and 2 or Surry Power Station Units 1 and 2 has been removed from the enclosed report because the NRC has previously approved these plant's methodologies (see ADAMS, Accession No. ML021200265 and ML082250013). Kewaunee's setpoints are derived using the same setpoint determination methodology.

Dominion continues to request approval of the proposed amendment and an implementation period as stated in Reference 1. In addition, the information contained in this supplement does not alter the no significant hazards consideration determination contained in Reference 1.

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

Enclosure

Technical Report No. EE-0116 Revision 5, "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," North Anna Power Station, Surry Power Station, and Kewaunee Power Station, Corporate Electrical/I&C/Computers, Dominion Nuclear Engineering," October 2009.

Reference:

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].

Commitments made by this letter: None

Enclosed with this letter is a compact disk (CD) containing this letter's Enclosure, labeled:

Technical Report No. EE-0116 Revision 5, "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," North Anna Power Station, Surry Power Station, and Kewaunee Power Station, Corporate Electrical/I&C/Computers, Dominion Nuclear Engineering, October 2009.

The enclosed CD contains the following files:

	File Name	File Size	Sensitivity
001	DEK EE-0116 R5.pdf	819,000 bytes	publicly available

cc: Regional Administrator, Region III (w/one CD)
U. S. Nuclear Regulatory Commission
2443 Warrenville Road
Suite 210
Lisle, IL 60532-4352

Mr. P. S. Tam (w/one CD)
Sr. Project Manager
U.S. Nuclear Regulatory Commission
One White Flint North, Mail Stop O8-H4A
11555 Rockville Pike
Rockville, MD 20852-2738

Mr. V. G. Cusumano (w/one CD)
NRC KPS ITS Conversion Lead
U.S. Nuclear Regulatory Commission
One White Flint North
Mail Stop O-7 C2A
11555 Rockville Pike
Rockville, MD 20852-2738

NRC Senior Resident Inspector (w/one CD)
Kewaunee Power Station

Public Service Commission of Wisconsin (w/one CD)
Electric Division
P.O. Box 7854
Madison, WI 53707

ENCLOSURE

**LICENSE AMENDMENT REQUEST 249: KEWAUNEE POWER STATION
CONVERSION TO IMPROVED TECHNICAL SPECIFICATIONS (TAC NO. ME02467)**

**TECHNICAL REPORT NO. EE-0116 REVISION 5,
“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,” NORTH ANNA POWER STATION, SURRY POWER STATION, AND
KEWAUNEE POWER STATION, CORPORATE ELECTRICAL/I&C/COMPUTERS,
DOMINION NUCLEAR ENGINEERING, OCTOBER 2009.**

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