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10 CFR 50.90

October 2, 2017
Serial: HNP-17-076

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

Shearon Harris Nuclear Power Plant, Unit 1
Docket No. 50-400 / Renewed License No. NPF-63

Subject: Supplement to License Amendment Request to Relocate Technical Specification Cycle-Specific Parameters to the Core Operating Limits Report, Delete Reference to Plant Procedure PLP-106, and Delete Duplicate Reporting Requirements in Administrative Section of Technical Specifications

Ladies and Gentlemen:

By letter dated December 2, 2016 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16337A249), as supplemented by letters dated April 25, 2017 and May 22, 2017 (ADAMS Accession Nos. ML17115A311 and ML17142A417, respectively), Duke Energy Progress, LLC (Duke Energy), submitted a license amendment request (LAR) for Shearon Harris Nuclear Power Plant, Unit 1 (HNP). The proposed license amendment requests to relocate specific Technical Specification (TS) parameters to the Core Operating Limits Report (COLR) in accordance with TSTF-339, Revision 2, to remove reference to plant procedure PLP-106, "Technical Specification Equipment List Program and Core Operating Limits Report," as it pertains to the COLR, and to delete duplicate reporting requirements from the Administrative Controls section in TS.

Prior to the submittal of the original LAR on December 2, 2016, the Nuclear Regulatory Commission (NRC) issued a license amendment by letter dated November 29, 2016 (ADAMS Accession No. ML16200A285), that relocated specific surveillance frequencies to a licensee-controlled program, the Surveillance Frequency Control Program. While the issued amendment relocated the surveillance frequencies from one of the TS pages requested for amendment in the LAR, it did not impact the TS cycle-specific parameters being requested for relocation to the COLR. This supplement to the original LAR will align the markup of HNP TS page 3/4 2-14 with the authority file in ADAMS at the time of submittal. The updated markup in Attachment 1 reflects the Amendment No. 154 version of the TS, as compared to the previously submitted Amendment No. 107 version. This item has been captured as a Performance Improvement item in AR 2154272.

This additional information does not change the No Significant Hazards Determination provided in the original submittal. No regulatory commitments are contained in this letter.

In accordance with 10 CFR 50.91(b), HNP is providing the state of North Carolina with a copy of this correspondence.

Should you have any questions regarding this submittal, please contact Jeffery Robertson, Manager – Regulatory Affairs, at (919) 362-3137.

I declare under penalty of perjury that the foregoing is true and correct. Executed on October 2, 2017.

Sincerely,



Tanya M. Hamilton

Attachments:

1. Updated Proposed Technical Specification Change

cc: J. Zeiler, NRC Sr. Resident Inspector, HNP
W. L. Cox, III, Section Chief, N.C. DHSR
M. Barillas, NRC Project Manager, HNP
C. Haney, NRC Regional Administrator, Region II

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U.S. Nuclear Regulatory Commission
Serial HNP-17-076
Attachment 1

SERIAL HNP-17-076

ATTACHMENT 1

UPDATED PROPOSED TECHNICAL SPECIFICATION CHANGE

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1

DOCKET NO. 50-400

RENEWED LICENSE NUMBER NPF-63

2 PAGES (INCLUDING COVER)

POWER DISTRIBUTION LIMITS

3/4.2.5 DNB PARAMETERS

LIMITING CONDITION FOR OPERATION

3.2.5 The following DNB-related parameters shall be maintained within the following limits:

- a. Reactor Coolant System $T_{avg} \leq 594.8^{\circ}\text{F}$ after addition for instrument uncertainty, and
- b. Pressurizer Pressure ≥ 2185 psig* after subtraction for instrument uncertainty, and
- c. RCS total flow rate $\geq 293,540$ gpm after subtraction for instrument uncertainty.

APPLICABILITY: MODE 1.

ACTION:

With any of the above parameters not within its specified limit, restore the parameter to within its limit within 2 hours or reduce THERMAL POWER to less than 5% of RATED THERMAL POWER within the next 6 hours.

SURVEILLANCE REQUIREMENTS

- 4.2.5.1 Each of the parameters shown in Specification 3.2.5 shall be verified to be within its limit at the frequency specified in the Surveillance Frequency Control Program.
- 4.2.5.2 Verify, by precision heat balance, that RCS total flow rate is within its limit at the frequency specified in the Surveillance Frequency Control Program.**

the limit specified in the COLR, and

the limit specified in the COLR*, and

and greater than or equal to the limit specified in the COLR.

* This limit is not applicable during either a THERMAL POWER Ramp in excess of $\pm 5\%$ RATED THERMAL POWER per minute or a THERMAL POWER step change in excess of $\pm 10\%$ RATED THERMAL POWER.

** Required to be performed within 24 hours after $\geq 95\%$ RATED THERMAL POWER.