



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

August 8, 2019

Mr. Joseph W. Shea
Vice President, Nuclear Regulatory
Affairs and Support Services
Tennessee Valley Authority
1101 Market Street, LP 4A
Chattanooga, TN 37402-2801

SUBJECT: WATTS BAR NUCLEAR PLANT - UNIT 2 – CORRECTION TO AMENDMENT
NO. 30 REGARDING THE USE OF OPTIMIZED ZIRLO™ FUEL ROD CLADDING
(EPID L-2018-LLA-0197)

Dear Mr. Shea:

On July 25, 2019, the U.S. Nuclear Regulatory Commission (NRC) issued Amendment Nos. 127 and 30 to Facility Operating License Nos. NPF-90 and NPF-96 for the Watts Bar Nuclear Plant (Watts Bar), Units 1 and 2, respectively (Agencywide Documents Access and Management System (ADAMS) Accession No. ML19112A004). The amendments were issued in response to Tennessee Valley Authority's application dated July 23, 2018 (ADAMS Accession No. ML18205A492). The amendments revised Technical Specifications 4.2.1, "Fuel Assemblies," and 5.9.5, "Core Operating Limits Report (COLR)," to allow the use of Optimized ZIRLO™ fuel rod cladding material.

On August 6, 2019, Tennessee Valley Authority staff notified the NRC staff that one of the license pages revised by Watts Bar, Unit 2, Amendment No. 30, was in error. Specifically, on page 3 of the license, License Condition C.(4) did not incorporate changes made in Amendment No. 26 dated March 30, 2019 (ADAMS Accession No. ML19046A286), regarding the use of the PAD4TCD computer program. The corrected page 3 is enclosed.

Please replace page 3 of Watts Bar, Unit 2, Facility Operating License No. NPF-96, with the enclosed page.

If you have any questions, please contact me at 301-415-7410 or Natreon.Jordan@nrc.gov.

Sincerely,

/RA/

Natreon J. Jordan, Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-391

Enclosure:
Watts Bar, Unit 2, License Page 3

cc: Listserv

ENCLOSURE

WATTS BAR NUCLEAR PLANT, UNIT 2

CORRECTED LICENSE PAGE 3

C. The license shall be deemed to contain and is subject to the conditions specified in the Commission's regulations set forth in 10 CFR Chapter I and is subject to all applicable provisions of the Act, and to the rules, regulations, and orders of the Commission now or hereafter in effect, and is subject to the additional conditions specified or incorporated below.

(1) Maximum Power Level

TVA is authorized to operate the facility at reactor core power levels not in excess of 3411 megawatts thermal.

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A as revised through Amendment No. 30 and the Environmental Protection Plan contained in Appendix B, both of which are attached hereto, are hereby incorporated into this license. TVA shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

(3) TVA shall implement permanent modifications to prevent overtopping of the embankments of the Fort Loudon Dam due to the Probable Maximum Flood by June 30, 2018.

(4) PAD4TCD may be used to establish core operating limits until the WBN Unit 2 steam generators are replaced with steam generators equivalent to the existing steam generators at WBN Unit 1.

(5) By December 31, 2019, the licensee shall report to the NRC that the actions to resolve the issues identified in Bulletin 2012-01, "Design Vulnerability in Electrical Power System," have been implemented.

(6) The licensee shall maintain in effect the provisions of the physical security plan, security personnel training and qualification plan, and safeguards contingency plan, and all amendments made pursuant to the authority of 10 CFR 50.90 and 50.54(p).

(7) TVA shall fully implement and maintain in effect all provisions of the Commission approved cyber security plan (CSP), including changes made pursuant to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The TVA approved CSP was discussed in NUREG-0847, Supplement 28, as amended by changes approved in License Amendment No. 7.

(8) TVA shall implement and maintain in effect all provisions of the approved fire protection program as described in the Fire Protection Report for the facility, as described in NUREG-0847, Supplement 29, subject to the following provision:

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DATE	08/08/2019		

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