



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

June 29, 2017

Ms. Mary J. Fisher
Senior Director Fort Calhoun
Station Decommissioning
Omaha Public Power District
Fort Calhoun Station
9610 Power Lane, Mail Stop FC-2-4
Blair, NE 68008

SUBJECT: FORT CALHOUN STATION, UNIT NO. 1 – CORRECTION TO TECHNICAL SPECIFICATION DEFINITIONS – PAGE 7 FOR AMENDMENT NO. 286, “ADMINISTRATIVE CHANGES TO TECHNICAL SPECIFICATIONS” (CAC NO. MF6645)

Dear Ms. Fisher:

By letter dated February 23, 2016 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15307A013), the U.S. Nuclear Regulatory Commission (NRC) staff issued Amendment No. 286 to Renewed Facility Operating License No. DPR-40 for the Fort Calhoun Station, Unit No. 1 (FCS). The amendment consisted of changes to the Technical Specifications (TSs) in response to your application dated August 20, 2015, as supplemented by letter dated January 27, 2016.

The NRC staff recently discovered that typographical errors had been introduced on TS Definitions – Page 7 during issuance of Amendment No. 286. The errors were included in the TS markup and retyped TS page provided in the licensee’s August 20, 2015, letter; however, the errors were neither noticed as a part of the proposed finding of no significant hazards consideration, submitted or intended to be submitted by the licensee for review, nor reviewed or approved by the NRC staff.

Accordingly, a corrected TS Definitions – Page 7 showing the correct micro symbol (μ) is provided in the enclosure. Please replace TS Definitions – Page 7 in Amendment No. 286 with the enclosed page.

These administrative errors do not affect the NRC staff’s overall conclusions associated with approval of Amendment No. 286.

M. Fisher

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If you have any questions, please contact me at 301-415-4125 or via e-mail at James.Kim@nrc.gov.

Sincerely,

A handwritten signature in black ink that reads "James Kim". The signature is written in a cursive style with a long horizontal stroke at the end.

James Kim, Project Manager
Special Projects and Process Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-285

Enclosure:
Revised TS Definitions – Page 7

cc: Listserv

ENCLOSURE

FORT CALHOUN STATION, UNIT NO. 1

DOCKET NO. 50-285

REPLACEMENT TECHNICAL SPECIFICATION

DEFINITIONS – PAGE 7

FOR AMENDMENT NO. 286

TECHNICAL SPECIFICATION

DEFINITIONS

Azimuthal Power Tilt - T_q

Azimuthal Power Tilt shall be the power asymmetry between azimuthally symmetric fuel assemblies.

Maximum Radial Peaking Factor (F_{R^T})

The Maximum Radial Peaking Factor is the maximum ratio of the individual fuel pin power to the core average pin power integrated over the total core height, including tilt. The F_{R^T} limit is provided in the Core Operating Limits Report.

Dose Equivalent I-131

That concentration of I-131 ($\mu\text{Ci/gm}$) which alone would produce the same thyroid dose as the quantity and isotopic mixture of I-131, I-132, I-133, I-134 and I-135 actually present. In other words,

$$\begin{aligned} \text{Dose Equivalent I-131 } (\mu\text{Ci/gm}) &= \mu\text{Ci/gm of I-131} \\ &+ 0.0361 \times \mu\text{Ci/gm of I-132} \\ &+ 0.270 \times \mu\text{Ci/gm of I-133} \\ &+ 0.0169 \times \mu\text{Ci/gm of I-134} \\ &+ 0.0838 \times \mu\text{Ci/gm of I-135} \end{aligned}$$

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DATE	6/28/17	6/28/17	6/28/17
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NAME	DBroaddus (EBrown for)	JKim	
DATE	6/29/17	6/29/17	

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