



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

June 19, 2017

Mr. Robert T. Simril
Site Vice President
Duke Energy Carolinas, LLC
Catawba Nuclear Station
4800 Concord Road / CN01VP
York, SC 29745

SUBJECT: CATAWBA NUCLEAR STATION, UNITS 1 AND 2 - CORRECTION LETTER TO
AMENDMENT NOS. 287 AND 283 RE: NATIONAL FIRE PROTECTION
ASSOCIATION STANDARD NFPA 805 (CAC NOS. MF2936 AND MF2937)

Dear Mr. Simril:

By letter dated February 8, 2017 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16137A308), the U.S. Nuclear Regulatory Commission (NRC) issued Amendment Nos. 287 and 283 to Renewed Facility Operating License (FOL) Nos. NPF-35 and NPF-53 for the Catawba Nuclear Station, Units 1 and 2 (CNS, Units 1 and 2), respectively. The amendments changed the technical specifications in response to Duke Energy Carolinas, LLC application dated September 25, 2013, as supplemented by letters dated January 13, 2015; January 28, 2015; February 27, 2015; March 30, 2015; April 28, 2015; July 15, 2015; August 14, 2015; September 3, 2015; December 11, 2015; January 7, 2016; March 23, 2016; June 15, 2016; August 2, 2016; September 7, 2016; and January 26, 2017.

The amendments transitioned CNS, Units 1 and 2, to Title 10 of the *Code of Federal Regulations*, Section 50.48(c), "National Fire Protection Association Standard NFPA 805."

Subsequent to the issuance of the amendments, the licensee informed the NRC of errors on pages 4 and 4B of the CNS, Unit 1 renewed FOL. These errors are administrative in nature and correcting them does not change any of the NRC staff's conclusions in the safety evaluation associated with Amendment No. 287 or as noticed previously in the *Federal Register*.

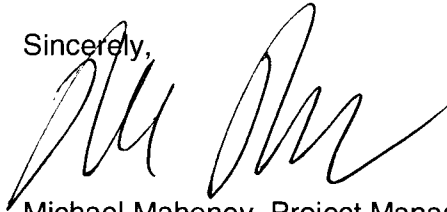
Enclosed are the revised renewed FOL pages 4 and 4B. Please replace the corresponding pages issued by Amendment No. 287 for CNS, Unit 1.

R. Simril

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If you have any questions regarding this matter, I may be reached at (301) 415-3867 or via e-mail at Michael.Mahoney@nrc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Michael Mahoney', written in a cursive style.

Michael Mahoney, Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-413 and 50-414

Enclosure:
Revised FOL Pages 4 and 4B

cc w/enclosure: Distribution via Listserv

ENCLOSURE

REVISED LICENSE PAGES 4 AND 4B FOR AMENDMENT NO. 287
TO RENEWED FACILITY OPERATING LICENSE NO. NPF-35
DATED FEBRUARY 8, 2017

DUKE ENERGY CAROLINAS, LLC

CATAWBA NUCLEAR STATION, UNIT 1

DOCKET NO. 50-413

(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 287 which are attached hereto, are hereby incorporated into this renewed operating license. Duke Energy Carolinas, LLC shall operate the facility in accordance with the Technical Specifications.

(3) Updated Final Safety Analysis Report

The Updated Final Safety Analysis Report supplement submitted pursuant to 10 CFR 54.21(d), as revised on December 16, 2002, describes certain future activities to be completed before the period of extended operation. Duke shall complete these activities no later than December 6, 2024, and shall notify the NRC in writing when implementation of these activities is complete and can be verified by NRC inspection.

The Updated Final Safety Analysis Report supplement as revised on December 16, 2002, described above, shall be included in the next scheduled update to the Updated Final Safety Analysis Report required by 10 CFR 50.71 (e)(4), following issuance of this renewed operating license. Until that update is complete, Duke may make changes to the programs described in such supplement without prior Commission approval, provided that Duke evaluates each such change pursuant to the criteria set forth in 10 CFR 50.59 and otherwise complies with the requirements in that section.

(4) Antitrust Conditions

Duke Energy Carolinas, LLC shall comply with the antitrust conditions delineated in Appendix C to this renewed operating license.

(5) Fire Protection Program

Duke Energy Carolinas, LLC shall implement and maintain in effect all provisions of the approved fire protection program that complies with 10 CFR 50.48(a) and 10 CFR 50.48(c), as specified in the licensee amendment request dated September 5, 2013; as supplemented by letters dated January 13, 2015; January 28, 2015; February 27, 2015; March 30, 2015; April 28, 2015; July 15, 2015; August 14, 2015; September 3, 2015; December 11, 2015; January 7, 2016; March 23, 2016; June 15, 2016; August 2, 2016; September 7, 2016; and, January 26, 2017, as approved in the SE dated February 8, 2017. Except where NRC approval for changes or deviations is required by 10 CFR 50.48(c), and provided no other regulation, technical specification, license condition or requirement would require prior NRC approval, the licensee may make changes to the fire protection program without prior approval of the Commission if those changes satisfy the provisions set forth in 10 CFR 50.48(a) and 10 CFR 50.48(c), the change does not require a change to a technical specification or a license condition, and the criteria listed below are satisfied.

alternative to the Chapter 3 element is adequate for the hazard. A qualified fire protection engineer shall perform the engineering evaluation and conclude that the change has not affected the functionality of the component, system, procedure, or physical arrangement, using a relevant technical requirement or standard.

The four specific sections of NFPA 805, Chapter 3, are as follows:

- “Fire Alarm and Detection Systems” (Section 3.8),
- “Automatic and Manual Water-Based Fire Suppression Systems” (Section 3.9),
- “Gaseous Fire Suppression Systems” (Section 3.10), and
- “Passive Fire Protection Features” (Section 3.11).

This License Condition does not apply to any demonstration of equivalency under Section 1.7 of NFPA 805.

1) Fire Protection Program Changes that Have No More than Minimal Risk Impact

Prior NRC review and approval is not required for changes to the licensee’s fire protection program that have been demonstrated to have no more than a minimal risk impact. The licensee may use its screening process as approved in the NRC SE dated February 8, 2017, to determine that certain fire protection program changes meet the minimal criterion. The licensee shall ensure that fire protection defense-in-depth and safety margins are maintained when changes are made to the fire protection program.

(c) Transition License Conditions

- 1) Before achieving full compliance with 10 CFR 50.48(c), as specified by 2) and 3), below, risk-informed changes to the Duke Energy Carolinas, LLC fire protection program may not be made without prior NRC review and approval unless the change has been demonstrated to have no more than a minimal risk impact, as described in 2) above.
- 2) The licensee shall implement the modifications to its facility, as described in Table S-2, “Plant Modifications Committed,” Attachment S, of the Duke Energy Carolinas, LLC letter CNS-17-004, dated January 26, 2017, to complete the transition to full compliance with 10 CFR 50.48(c) by December 31, 2017. The licensee shall maintain appropriate compensatory measures in accordance with its procedures until completion of these modifications.
- 3) The licensee shall complete the implementation items as listed in Table S-3, “Implementation Items,” Attachment S, of the Duke Energy Carolinas, LLC letter CNS-17-004, dated January 26, 2017, within 180 days after

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