



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

May 17, 2016

**LICENSEE:** Duke Energy Carolinas, LLC

**FACILITY:** Catawba Nuclear Station, Units 1 and 2

**SUBJECT:** SUMMARY OF APRIL 28, 2016, MEETING WITH DUKE ENERGY CAROLINAS, LLC, TO DISCUSS PROPOSED CHANGES TO THE TECHNICAL SPECIFICATION BASES FOR THE CATAWBA NUCLEAR STATION, UNITS 1 AND 2 (CAC NOS. MF7583 AND MF7584)

On April 28, 2016, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Duke Energy Carolinas, LLC (Duke Energy or the licensee) via a teleconference. The purpose of the meeting was to discuss proposed changes to the Technical Specification (TS) Bases for the Catawba Nuclear Station, Units 1 and 2 (Catawba). The meeting notice and agenda, dated April 18, 2016, are available in the Agencywide Documents Access and Management System (ADAMS) at Package Accession No. ML16116A370. A list of attendees is enclosed.

In support of the meeting, the licensee's provided a presentation that can be found at the ADAMS Package Accession No. listed above. During the meeting, the licensee presented the slides to the NRC staff, outlined the proposed license amendment request (LAR), and discussed the changes to the TS Bases that are proposed. Specifically, the licensee is proposing to revise the TS Bases for the following shared systems:

- Nuclear Service Water System (NSWS)
- Control Room Area Ventilation System (CRAVS)
- Control Room Area Chilled Water System (CRACWS)
- Auxiliary Building Filtered Ventilation Exhaust System (ABFVES)

The revision would add descriptions for crediting an emergency diesel generator (EDG) on a unit in MODE 5 or 6 (i.e., the shutdown unit) as the emergency power source for operability of the NSWS, CRAVS, CRACWS, and ABFVES shared components aligned to the opposite unit in MODE 1, 2, 3, or 4 (i.e., the online unit). The description would require that the EDG on the shutdown unit meets the TS 3.8.1, "AC Sources – Operating," requirements and is available to supply MODE 1 – 4 shared components. The specific proposed description is provided on page 6 of the licensee's presentation.

The licensee is proposing this change because the TS Bases currently require that during Engineered Safety Features testing alignment for shared systems, one shared train is aligned to a shutdown unit and is declared INOPERABLE in accordance with the TS definition. This is because the TS Bases for Catawba specifically state that a normal and emergency power source are needed for operability of the shared systems. The licensee stated that this change would avoid unnecessarily declaring the shared components inoperable. The licensee further stated that this change would help to avoid situations where either unit would be in the TS

Action Statements in TS 3.0.3 due to the inoperability of the above stated systems, requiring the licensee to request a Notice of Enforcement Discretion.

The licensee stated that after the change, the required systems and EDG would still meet the requirements in General Design Criterion 5, "Sharing of structures, systems, and components," Criterion 17, "Electric power systems," and Criterion 18, "Inspection and testing of electric power systems," the systems will also continue to meet Regulatory Guide 1.6, "Independence Between Redundant Standby (Onsite) Power Sources and Between their Distribution Systems (Safety Guide 6)."<sup>1</sup>

During the meeting, the NRC staff asked the licensee why an LAR was going to be submitted to make a change to the TS Bases, noting that changes to the TS Bases are normally controlled by licensees. Specifically, for Catawba, changes to the TS Bases are controlled by TS 5.5.14, "Technical Specification (TS) Bases Control Program," which states, in part, that:

Licensees may make changes to Bases without prior NRC approval provided the changes do not require ... a change to the updated [Final Safety Analysis Report] FSAR or Bases that requires NRC approval pursuant to [Title 10 to the *Code of Federal Regulation*] 10 CFR [Section] 50.59.

The licensee stated that an LAR is needed because when reviewing the change against the requirements of 10 CFR Section 50.59, the regulations require that an LAR be submitted.

The NRC staff then asked the licensee if a change to the TS Limiting Conditions of Operation (LCO) was required as part of the LAR. The licensee stated that a change to the TS LCO is not required because the change would not affect any LCO. Further, TSs 3.8.1 and 3.8.2 do not prohibit the requested configuration.

The NRC staff then asked if the licensee had considered submitting an LAR requesting to modify the Catawba Updated Final Safety Analysis Report (UFSAR), as opposed to the TS Bases, to add this description. The NRC staff questioned whether modifying the UFSAR could better allow for conforming changes to then be made in the TS Bases. The licensee acknowledged this option and offered to consider it before the LAR is finalized and submitted to the NRC.

The licensee stated that it intends to submit the LAR by May 31, 2016, requesting approval of the proposed change to the TS Bases prior to implementation, and requesting NRC staff approval of the application within one year of the date of the submittal. No regulatory decisions were made during this meeting.

One member of the public was in attendance via a teleconference line. The member of the public had no questions or comments for the NRC staff. Public meeting feedback forms were made available to the public. No public meeting feedback forms were received.

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<sup>1</sup> ADAMS Accession No. ML003739924.

Please direct any inquiries to me at 301-415-4090, or by email to [jeffrey.whited@nrc.gov](mailto:jeffrey.whited@nrc.gov).

A handwritten signature in black ink, appearing to read "Jeffrey A. Whited". The signature is fluid and cursive, with the first name "Jeffrey" and last name "Whited" clearly distinguishable.

Jeffrey A. Whited, 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:  
List of Attendees

cc w/encl: Distribution via Listserv

LIST OF ATTENDEES

APRIL 28, 2016, 3:00 PM TO 4:00PM

MEETING WITH DUKE ENERGY CAROLINAS, LLC

PRE-SUBMITTAL MEETING

CATAWBA NUCLEAR STATION, UNITS 1 AND 2

DOCKET NOS. 50-413 AND 50-414

<b>NRC</b>	<b>DUKE ENERGY</b>	<b>MEMBERS OF PUBLIC</b>
Jeffrey Whited	Arthur Zaremba	Bruce Morgen
Alex Klein	Jordan Vaughan	
Micahel Orenak	Cecil Fletcher	
Peter Snyder	Randal Herring	
Evan Davidson	Aaron Michalski	
Matthew Hamm	Lawrence Rudy	
Roy Mathew		

Enclosure

Please direct any inquiries to me at 301-415-4090, or by email to [jeffrey.whited@nrc.gov](mailto:jeffrey.whited@nrc.gov).

**/RA/**

Jeffrey A. Whited, Project Manager  
Plant Licensing Branch II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

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P. Snyder, NRR	M. Hamm, NRR	M. Orenak, NRR

**ADAMS Accession Nos.    PKG: ML16116A370**

**Slides: ML16112A011    Revised Slides: ML16117A463**

**Notice: ML16109A082**

**Summary: ML16116A371**

OFFICE	DORL/LPL2-1/PM	DORL/LPL2-1/LA	DORL/LPL2-1/BC	DORL/LPL2-1/PM
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DATE	05/10/16	05/10/16	05/13/16	05/17/16

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