



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

April 9, 2014

Mr. Steven D. Capps
Vice President
McGuire Nuclear Station
Duke Energy Carolinas, LLC
12700 Hagers Ferry Road
Huntersville, NC 28078-8985

SUBJECT: MCGUIRE NUCLEAR STATION, UNITS 1 AND 2: REQUEST FOR
ADDITIONAL INFORMATION REGARDING LICENSE AMENDMENT
REQUEST TO MODIFY TECHNICAL SPECIFICATION 3.3.2 SETPOINT
(TAC NOS. MF2741 AND MF2742)

Dear Mr. Capps:

By letter dated September 12, 2013 (Agencywide Documents Access and Management System (ADAMS) Accession Number ML13262A500), Duke Energy Carolinas, LLC (the licensee) submitted a license amendment request, which requested to modify Technical Specification 3.3.2, "Engineered Safety Features Actuation System (ESFAS) Instrumentation." Specifically, the proposed change would modify the setpoint for Auxiliary Feedwater Pump Suction Transfer in support of your efforts to comply with NRC Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events."

The U.S. Nuclear Regulatory Commission staff has reviewed the licensee's submittal and determined that additional information is needed in order to complete our review. The enclosed document describes this request for additional information (RAI). On March 31, 2014, the Duke staff indicated that a response to the RAI would be provided by May 23, 2014.

If you have any questions, please call me at 301-415-2481.

Sincerely,

A handwritten signature in black ink, appearing to read "G. Edward Miller".

G. Edward Miller, Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-369 and 50-370

Enclosure: Request for Additional
Information

cc w/encl: Distribution via Listserv

DRAFT REQUEST FOR ADDITIONAL INFORMATION

MCGUIRE NUCLEAR STATION, UNITS 1 AND 2

PROPOSED CHANGES TO TECHNICAL SPECIFICATION 3.3.2

IN SUPPORT OF COMPLIANCE WITH NRC ORDER EA-12-049

DOCKET NOS. 50-369 AND 50-370

By letter dated September 12, 2013, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML13262A500), Duke Energy Carolinas submitted a license amendment request (LAR) to amend the Technical Specifications (TS) 3.3.2, "Engineered Safety Feature Actuation System (ESFAS) Instrumentation," FUNCTION 6.f, "Auxiliary Feedwater Pump Suction Transfer on Suction Pressure – Low (c)" for McGuire Nuclear Station, Units 1 and 2, in support of plant modifications required to achieve compliance with the NRC Order EA-12-049, "Order Modifying Licenses with Regard to Requirements of Mitigation Strategies for Beyond-Design-Basis External Events," dated March 12, 2012. In order for the NRC staff to complete its review of the LAR, the following additional information is requested.

1. Provide an overall summary of calculations performed including the various tolerances used in calculating the total loop uncertainties, reference accuracy, and drift indicating how they comply with applicable requirements of this request (e.g., General Design Criterion (GDC) 13, GDC 20, and 10 CFR 50.36(c)(1)(ii)(a)). Please ensure that the summary indicates how all these tolerances comply with the 95/95 confidence level specified in RG 1.105.
2. Provide representative plant procedures to demonstrate how the plant procedures comply with the TSTF-493 footnotes.

Enclosure

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/RA/

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ADAMS Accession No. ML14097A118

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NAME	GEMiller	SFigueroa	JThorp	RPascarelli
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