

NRR-PMDAPEm Resource

From: Thompson, Jon
Sent: Thursday, January 03, 2013 3:16 PM
To: Abbott, Richard E Jr
Cc: Armstrong, Garry; Hamm, Matthew; Pascarelli, Robert
Subject: Request for Additional Information for License Amendment Request dated

SUBJECT: MCGUIRE NUCLEAR STATION, UNITS 1 AND 2, LICENSE AMENDMENT REQUEST DATED FEBRUARY 22, 2012 REGARDING REVISION TO TECHNICAL SPECIFICATION 3.7.7, NUCLEAR SERVICE WATER SYSTEM (TAC NOS. ME8118 AND ME8119)

By a letter dated March 8, 2012, as supplemented by letter dated November 13, 2012, Duke Energy Carolinas, LLC (the licensee) submitted a license amendment request to revise technical specification 3.7.7, Nuclear Service Water System.

The U.S. Nuclear Regulatory Commission (NRC) 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). A telephone conference will be set up to discuss these RAI questions, as needed. If you have any questions, please call me at 301-415-1119.

Sincerely,

Jon Thompson, 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: RAI

REQUEST FOR ADDITIONAL INFORMATION

BY THE OFFICE OF NUCLEAR REACTOR REGULATION

REGARDING LICENSE AMENDMENT REQUEST DATED FEBRUARY 22, 2012

FOR REVISION TO TECHNICAL SPECIFICATION 3.7.7, NUCLEAR SERVICE WATER SYSTEM

MCGUIRE NUCLEAR STATION, UNITS 1 AND 2

DOCKET NOS. 50-369 AND 50-370

By a letter dated February 22, 2012 (Agency Wide Document Access and Management System (ADAMS) Accession No. ML12061A008), as supplemented by letter dated November 13, 2012 (ADAMS Accession No. ML12340A073), Duke Energy Carolinas, LLC (the licensee) submitted a license amendment request (LAR) for McGuire Nuclear Station, Units 1 and 2 (McGuire 1 and 2) to revise Technical Specification (TS) 3.7.7, Nuclear Service Water System.

The U.S. Nuclear Regulatory Commission (NRC) staff requests that the licensee provide the following additional information to support the review of this LAR:

- 1) Generic Letter (GL) 91-13 (ADAMS Accession No. 9109160253) requested information from affected licensees regarding their review of the proposed TS changes relating to the loss of service water (LOSW) event at their plant sites (including McGuire 1 and 2). The licensee provided a letter, dated February 27, 1992 (ADAMS Accession No. 9203020311), to the NRC staff indicating that no TS changes were needed due to McGuire 1 and 2 having both a Containment Ventilation Water (RV) system as well as the Standby Shutdown Facility (SSF) to provide adequate backup cooling water in the event of LOSW. The NRC staff accepted the licensee response by letter dated July 15, 1992 (ADAMS Accession No. 9207220396).

However, the LAR proposes to add a note to TS 3.7.7 which would allow the sharing unit to donate one train of service water to the affected unit for up to 72 hours. There is no discussion of the RV or SSF being used as backup cooling water systems prior to utilizing the manual crosstie between the service water systems of both units. This would appear to contradict the licensee's assessment provided in its letter February 27, 1992.

The NRC staff requests that the licensee clarify whether both the RV and/or SSF will continue to be used as the initial backup cooling water sources in the event of the LOSW, prior to utilizing one of the sharing unit's service water trains. If not, the licensee should also explain how will it continue to meet its conditions in response to GL 91-13, which were previously accepted by the NRC staff.

Enclosure

Hearing Identifier: NRR_PMDA
Email Number: 568

Mail Envelope Properties (Jon.Thompson@nrc.gov20130103151500)

Subject: Request for Additional Information for License Amendment Request dated
Sent Date: 1/3/2013 3:15:41 PM
Received Date: 1/3/2013 3:15:00 PM
From: Thompson, Jon

Created By: Jon.Thompson@nrc.gov

Recipients:

"Armstrong, Garry" <Garry.Armstrong@nrc.gov>
Tracking Status: None
"Hamm, Matthew" <Matthew.Hamm@nrc.gov>
Tracking Status: None
"Pascarelli, Robert" <Robert.Pascarelli@nrc.gov>
Tracking Status: None
"Abbott, Richard E Jr" <Richard.Abbott@duke-energy.com>
Tracking Status: None

Post Office:

Files	Size	Date & Time
MESSAGE	3671	1/3/2013 3:15:00 PM

Options

Priority: Standard
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Sensitivity: Normal
Expiration Date:
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