

From: Thompson, Jon
Sent: Friday, April 15, 2011 11:47 AM
To: 'Leisure, Mike'
Cc: Sallman, Ahsan; Hamm, Matthew
Subject: RAIs for McGuire ECCS Water Management LAR (ME4051&2)

SUBJECT: MCGUIRE NUCLEAR STATION, UNITS 1 AND 2 (MCGUIRE 1 AND 2), REQUEST FOR ADDITIONAL INFORMATION (RAI) REGARDING LICENSE AMENDMENT REQUEST RELATED TO THE EMERGENCY CORE COOLING SYSTEM (ECCS) INITIATIVE (TAC NOS. ME4051 AND ME4052)

By letter dated May 28, 2010 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML101600256), as supplemented by letters dated November 15, 2010 (ADAMS Accession No. ML103270051), and March 23, 2011, ADAMS Accession No. ML110840443), Duke Energy Carolinas, LLC (the licensee), submitted a proposed license amendment to change the McGuire 1 and 2 Technical Specifications (TSs). The proposed change would revise the TSs to allow manual operation of the containment spray system and to change the setpoints for the refueling water storage tank at McGuire 1 and 2.

On the basis of the provided information, the NRC staff has concluded that additional information is required from the licensee in order for the NRC staff to complete its review. The request for additional information is attached below.

The NRC staff is sending this letter by email to expedite response, but this request will be sent by formal letter as well.

If you have any questions, please call me at 301-415-1345.

Sincerely,

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

Docket Nos. 50-369, 50-370

Enclosure:
As stated

REQUEST FOR ADDITIONAL INFORMATION (RAI)

BY THE OFFICE OF NUCLEAR REACTOR REGULATION

REGARDING LICENSE AMENDMENT REQUEST (LAR) RELATED TO IMPLEMENTATION OF THE

EMERGENCY CORE COOLING SYSTEM (ECCS) WATER MANAGEMENT INITIATIVE

MCGUIRE NUCLEAR STATION, UNITS 1 AND 2 (MCGUIRE 1 and 2)

The subject LAR submitted by Duke Energy Carolinas, LLC, dated May 28, 2010, included the following statement on the cover page:

“Table 3.3.2-1 Function 2a: deleting the manual initiation function for containment spray (CS)”.

In Attachment 2 to this same LAR, Technical Specification (TS) Table 3.3.2-1, insert 1, implies that the requirements of function 2a are not applicable following implementation of the modifications associated with the subject LAR. The NRC staff requests the following information:

1. Justify deletion of the proposed Function 2a from TS Table 3.3.2-1
2. Describe all the surveillance tests performed in Function 2a that are proposed to be deleted
3. Describe the TS related controls and instrumentation functions associated with the manual operation of the containment spray system that are required to be surveillance tested and describe according to which TS these will be tested.