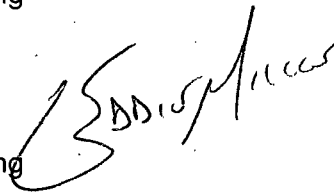




UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

June 30, 2015

MEMORANDUM TO: Robert J. Pascarelli, Chief
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

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

SUBJECT: SUMMARY OF MAY 19, 2015, PUBLIC TELECONFERENCE
REGARDING POTENTIAL SUBMISSION OF A LICENSE
AMENDMENT REQUEST FOR A ONE-TIME EXTENSION OF
COMPLETION TIME FOR NUCLEAR SERVICE WATER
SYSTEM

On May 19, 2015, the U. S. Nuclear Regulatory Commission (NRC) staff held a public teleconference¹ with the Duke Energy Carolinas (Duke or licensee). The purpose of the meeting was to discuss Duke's recent submittal of a topical report² to justify the use of the RAPTOR-M3G code for calculating neutron fluence values in support of their Measurement Uncertainty Recapture (MUR) Power Uprate.

During the meeting, Duke presented slides³ that detailed the approach to justifying the use of RAPTOR-M3G for the MUR Power Uprate. Specifically, the licensee indicated that instead of demonstrating compliance with Regulatory Guide 1.190 for generic approval, they were demonstrating the codes agreement with their currently approved use of the TORT code at various boundary conditions. During the discussion, the NRC staff indicated that in addition to the comparison to TORT, the following information would be useful in the NRC staff's review:

- Duke should provide an Analytic Study of the RAPTOR code and perform Pool Critical Assembly benchmarking comparison using Directional Theta Weighting.
- Duke should document the model used in RAPTOR including the associated uncertainty.
- Duke should clearly state where their response demonstrates compliance with RG 1.190. Where it does not demonstrate compliance with RG 1.190, justification should be provided as to why the alternative is acceptable.

¹ The original meeting notice is available via the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML15127A412.

² The licensee's RAI response that contained the topical report is available under ADAMS Accession No. ML15117A010.

³ The licensee's slides are available under ADAMS Accession No. ML15141A099.

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No regulatory decisions were made and the licensee indicated that they would consider the feedback provided by the NRC staff. The NRC staff indicated their intention to request the additional information discussed in the meeting via the normal request process.

Following the discussion, an opportunity was afforded to any other participants who wished to ask questions or make comments. No questions or comments were received.

CONTACT: G. Edward Miller, NRR/DORL/LPL2-1
301-415-2481

Enclosure:
List of Attendees

R. Pascarelli

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Enclosure:
List of Attendees

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CJackson, NRR/DSS

ADAMS Accession No.: ML15170A207

* Concurrence via e-mail

| OFFICE | DORL/LPL2-1/PM | DORL/LPL2-1/LA | DSS/SRXB | DORL/LPL2-1/BC |
|--------|----------------|----------------|-------------|----------------|
| NAME | GEMiller | SFigueora | MHardgrove* | RPascarelli |
| DATE | 06/30/15 | 06/23/15 | 06/30/15 | 06/30/15 |

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