



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

May 28, 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 FLOOD HAZARD REEVALUATION
REPORT (TAC NOS. MF3623 AND MF3624).

Dear Mr. Capps:

By letter dated March 12, 2014 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML14083A415), Duke Energy Carolinas, LLC (the licensee) submitted a flood hazard reevaluation report for the McGuire Nuclear Station. This report was submitted in response to Enclosure 2 of the Fukushima lessons learned information request (ADAMS Accession No. ML12053A340).

The U.S. Nuclear Regulatory Commission staff has reviewed your 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 May 22, 2014, the Duke staff indicated that a response to the RAI would be provided by June 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

REQUEST FOR ADDITIONAL INFORMATION

MCGUIRE NUCLEAR STATION, UNITS 1 AND 2

FLOOD HAZARD REEVALUATION REPORT

DOCKET NOS. 50-369 AND 50-370

By letter dated March 12, 2014, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML14083A415), Duke Energy Carolinas (Duke) submitted a Flooding Hazard Reevaluation Report (FHRR) in response to Enclosure 2 of the March 12, 2012, Fukushima Lessons Learned 50.54(f) letter. In order for the U.S. Nuclear Regulatory Commission staff to complete its review of the LAR, the following additional information is requested.

1. Please submit electronic versions of input and output files for the following activities:
 - a. Calculations of Locally Intense Precipitation (LIP), Probable Maximum Precipitation, Probable Maximum Flood, dam breach, storm surge, and combined effects flooding.
 - b. The Info Works CS (IWCS) model used for LIP site surface depth analysis.
 - c. The HEC-RAS model used for reservoir PMF routing and dam break analysis.
 - d. The Coastal Engineering Design and Analysis (CEDAS) for wind-driven wave heights.
 - e. The COULWAVE model for evaluating overtopping.

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ADAMS Accession No. ML14142A351

*** Via E-mail**

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| NAME | GEMiller | SFigueroa | CCook* KERwin for | RPascarelli |
| DATE | 05/28/14 | 05/28/14 | 05/12/14 | 05/28/14 |

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