NRR-PMDAPEm Resource

From: Miller, Ed
Sent: Tuesday, May 20, 2014 7:38 AM
To: 'Murphy, George M (George.Murphy2@duke-energy.com)'
Subject: Draft RAI for NTTF 2.1 Flooding Hazard Reevaluation Report
Attachments: Draft RHMB RAI_McGuire.docx

George,
The NRC staff's draft RAI for the subject activity is attached to this e-mail. The draft RAI is not an official NRC staff request and is being provided to you to facilitate a subsequent conference call to determine: 1) If the questions clearly convey the NRC staff information needs; 2) Whether the regulatory basis for the questions is understood; and 3) Whether the information is already available in existing, docketed, correspondence. After you've had a chance to review the draft information request, please contact me to schedule the conference call. Thanks.

Ed Miller
(301) 415-2481

Hearing Identifier: NRR_PMDA
Email Number: 1300

Mail Envelope Properties (9C2386A0C0BC584684916F7A0482B6CAFCB2BB35FE)

Subject: Draft RAI for NTTF 2.1 Flooding Hazard Reevaluation Report
Sent Date: 5/20/2014 7:37:40 AM
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From: Miller, Ed

Created By: Ed.Miller@nrc.gov

Recipients:
"'Murphy, George M (George.Murphy2@duke-energy.com)'" <George.Murphy2@duke-energy.com>
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MESSAGE	624	5/20/2014 7:37:00 AM
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Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

<u>DRAFT REQUEST FOR ADDITIONAL INFORMATION</u>

<u>MCGUIRE NUCLEAR STATION, UNITS 1 AND 2</u>

<u>FLOODING HAZARD REEVALUATION REPORT</u>

<u>DOCKET NOS. 50-369 AND 50-370</u>

By letter dated March 12, 2013, (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 NRC staff to complete its review of the LAR, the following additional information is requested.

1. Please submit provide 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.