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GNRO-2012/00053

June 8, 2012

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
11555 Rockville Pike
Rockville, MD 20852

SUBJECT: Entergy's Response to NRC Request for Information (RFI) Pursuant to 10 CFR 50.54(f) Regarding the Flooding Aspects of Recommendations 2.1 and 2.3 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident
Grand Gulf Nuclear Station, Unit 1
Docket No. 50-416
License No. NPF-29

- References:
1. NRC letter to Entergy, *RFI Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident*, dated March 12, 2012 (GNRI-2012/00059) (ML12053A340)
 2. NRC Letter to Entergy, *Prioritization of Response Due Dates for Site Flooding Hazard Evaluations*, dated May 11, 2012 (GNRI-2012/00115) (ML12097A509)
 3. NRC letter, *Endorsement of Nuclear Energy Institute (NEI) 12-07, "Guidelines for Performing Verification Walkdowns of Plant Flood Protection Features,"* dated May 31, 2012

Dear Sir or Madam:

On March 12, 2012, the NRC issued Reference 1 to all power reactor licensees. Enclosures 2 and 4 of Reference 1 contain specific requested actions, requested information, and required responses associated with Recommendations 2.1 and 2.3 for flooding evaluations and walkdowns. This letter provides Entergy Operations', Inc. (Entergy's) 90-day response to Reference 1 for Grand Gulf Nuclear Station (GGNS).

Recommendation 2.1: Flooding

The response date for GGNS's flood hazard evaluation was identified in Reference 2 as March 12, 2013 which corresponds to one year from the date of Reference 1.

Entergy plans to meet the requested date for the other required responses in Enclosure 2 of Reference 1. Specifically, an approach for developing an Integrated Assessment for GGNS will be submitted 60 days after NRC endorsement of the Integrated Assessment Guidance. In addition, an Integrated Assessment report for GGNS, if it is necessary, will be submitted two years after the flood evaluation is submitted.

Recommendation 2.3: Flooding

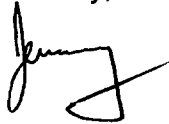
For flooding recommendation 2.3 (walkdowns), Enclosure 4 of Reference 1 states that each licensee is to confirm that it will use the NRC-endorsed flooding walkdown procedure or provide a description of the process it will use. Entergy confirms that it will use the flooding walkdown procedure (Nuclear Energy Institute 12-07, *Guidelines for Performing Verification Walkdowns of Plant Flood Protection Features*) endorsed by Reference 3 as the basis for the flooding walkdowns at GGNS.

Entergy plans to comply with the response timeline in Enclosure 4 of Reference 1. Specifically, Entergy will submit a report documenting the results of its flooding design basis walkdowns at GGNS by November 27, 2012, which corresponds to 180 days after NRC endorsement of the generic guidance.

The new commitments contained in this submittal are summarized in the Attachment. Should you have any questions concerning the content of this letter, please contact Christina L. Perino at 601-437-6299.

I declare under penalty of perjury that the foregoing is true and correct. Executed on June 8, 2012.

Sincerely,



GMPO GGNS acting VP for Mike Perito
Jeremy Browning

MP/jas

Attachment: List of Regulatory Commitments

cc: (see next page)

cc: Mr. Elmo Collins
Regional Administrator
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U. S. Nuclear Regulatory Commission
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One White Flint North
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Rockville, MD 20852

NRC Senior Resident Inspector
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Port Gibson, MS 39150

U. S. Nuclear Regulatory Commission
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Attachment to
GNRO-2012/00053
List of Regulatory Commitments

List of Regulatory Commitments

The following table identifies those actions committed to by Entergy in this document. Any other statements in this submittal are provided for information purposes and are not considered to be regulatory commitments.

| COMMITMENT | TYPE (Check One) | | SCHEDULED COMPLETION DATE (If Required) |
|---|------------------------|--------------------------|---|
| | ONE- TIME ACTION | CONTINUING COMPLIANCE | |
| Submit flood hazard evaluation to the NRC. | X | | March 12, 2013 |
| An approach for developing an Integrated Assessment for GGNS will be submitted. | X | | 60-days after NRC endorsement of the Integrated Assessment Guidance |
| An Integrated Assessment report for GGNS, if it is necessary, will be submitted two years after the flood evaluation is completed. | X | | March 12, 2015 (if necessary) |
| Entergy will use the flooding walkdown procedure (Nuclear Energy Institute 12-07, <i>Guidelines for Performing Verification Walkdowns of Plant Flood Protection Features</i>) endorsed by Reference 3 as the basis for the flooding walkdowns and plans to comply with the response timeline in Enclosure 4 of Reference 1 by submitting a report documenting the results of its flooding design basis walkdowns at GGNS 180 days after NRC endorsement of the generic guidance. | X | | November 27, 2012 |