



**Entergy**<sup>®</sup>

**Entergy Operations, Inc.**  
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**Eric W. Olson**  
Site Vice President

RBG-47248

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  
River Bend Station - Unit 1  
Docket No. 50-458  
License No. NPF-47

**Reference:**

1. NRC letter to Entergy, *Request for Information 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 (RBC-51012) (ML12053A340)
2. NRC Letter to Entergy, *Prioritization Of Response Due Dates For Request For Information Pursuant To Title 10 Of The Code Of Federal Regulations 50.54(F) Regarding Flooding Hazard Reevaluations For Recommendation 2.1 Of The Near-Term Task Force Review Of Insights From The Fukushima Dai-Ichi Accident*, dated May 11, 2012 (RBC-51021) (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 River Bend Station (RBS).

A001  
NRC

Recommendation 2.1: Flooding

The response date for River Bend's flood hazard evaluation was identified in Reference 2 as March 12, 2014, which corresponds to two years 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 RBS will be submitted 60 days after NRC endorsement of the Integrated Assessment Guidance. In addition, an Integrated Assessment report for RBS, 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 (NEI 12-07, *Guidelines for Performing Verification Walkdowns of Plant Flood Protection Features*) endorsed by Reference 3 as the basis for the flooding walkdowns at RBS.

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 RBS 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 Mr. Joseph Clark at 225-381-4177.

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

Sincerely,



EWO/JCR/JAC/wjf

Attachment: List of Regulatory Commitments

cc: U.S. Nuclear Regulatory Commission  
Region IV  
1600 East Lamar Blvd.  
Arlington, TX 76011-4511

U. S. Nuclear Regulatory Commission  
Attn: Director, Office of Nuclear Reactor Regulation  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852

NRC Resident Inspector  
PO Box 1050  
St. Francisville, LA 70775

Ms. Tracie Lowrey  
Public Utility Commission of Texas  
1701 N. Congress Ave.  
Austin, TX 78711-3326

Department of Environmental Quality  
Office of Environmental Compliance  
Radiological Emergency Planning and Response Section  
Attn: JiYoung Wiley  
P.O. Box 4312  
Baton Rouge, LA 70821-4312

Mr. Alan Wang, Project Manager  
U.S. Nuclear Regulatory Commission  
MS O-8B1  
11555 Rockville Pike  
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**Attachment to**  
**RBG-47248**  
**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, 2014
An approach for developing an Integrated Assessment for River Bend Station (RBS) will be submitted.	X		60-days after NRC endorsement of the Integrated Assessment Guidance
An Integrated Assessment report for RBS, if it is necessary, will be submitted two years after the flood evaluation is completed.	X		March 12, 2016 (if necessary)
Entergy will use the flooding walkdown procedure (NEI 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 RBS 180 days after NRC endorsement of the generic guidance.	X		November 27, 2012