



Entergy Operations, Inc.  
1448 S.R. 333  
Russellville, AR 72802  
Tel 479-858-3110

**Christopher J. Schwarz**  
Vice President, Operations  
Arkansas Nuclear One

OCAN061202

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  
Arkansas Nuclear One – Units 1 and 2  
Docket Nos. 50-313 and 50-368  
License Nos. DPR-51 and NPF-6

- 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 (OCNA031208) (ML12053A340)
  2. NRC Letter to Entergy, *Prioritization of Response Due Dates for Site Flooding Hazard Evaluations*, dated May 11, 2012 (OCNA051203) (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 Arkansas Nuclear One (ANO).

Recommendation 2.1: Flooding

The response date for ANO'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 ANO will be submitted 60 days after NRC endorsement of the Integrated Assessment Guidance. In addition, an Integrated Assessment report for ANO, 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 ANO.

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 ANO 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 Stephenie Pyle at 479.858.4704.

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

Sincerely,

***Original signed by Christopher J. Schwarz***

CJS/nbm

Attachment: List of Regulatory Commitments

cc: Mr. Elmo Collins  
Regional Administrator  
U. S. Nuclear Regulatory Commission, Region IV  
1600 East Lamar Boulevard  
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 Senior Resident Inspector  
Arkansas Nuclear One  
P.O. Box 310  
London, AR 72847

U. S. Nuclear Regulatory Commission  
Attn: Mr. Kaly Kalyanam  
MS O-8 B1  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852

**Attachment to**

**0CAN061202**

**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 Arkansas Nuclear One (ANO) will be submitted.	X		60-days after NRC endorsement of the Integrated Assessment Guidance
An Integrated Assessment report for ANO, 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 (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 ANO 180 days after NRC endorsement of the generic guidance.	X		November 27, 2012