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W3F1-2011-0037  
June 10, 2011

**Joseph A. Kowalewski**  
Vice President, Operations  
Waterford 3

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

Subject: 30-Day Response to NRC Bulletin 2011-01, Mitigating Strategies  
Entergy Operations Inc.,  
Waterford Steam Electric Station, Unit 3 (Waterford 3)  
Docket No. 50-382  
License Number NPF-38

Reference: NRC Bulletin 2011-01: Mitigating Strategies, dated May 11, 2011

Dear Sir or Madam:

On May 11, 2011, the NRC issued the referenced Bulletin 2011-01 and requested a written response within 30 days. Attached is Entergy's 30-day written response for Waterford 3.

In response to the events on September 11, 2001, and NRC requirements, Entergy developed preplanned strategies and implemented guidance to maintain or restore core cooling, containment, and spent fuel cooling capabilities under the circumstances associated with the loss of large areas of the plant due to fire or explosions. Following the events on March 11, 2011, at the Fukushima Daiichi Nuclear Power Station, Entergy took actions to ensure availability of these capabilities. The attached response reflects these actions.

There are no new commitments contained in this submittal.

If you need any additional information, please contact Mr. William Steelman, Licensing Manager, at 504-739-6685.

I declare under penalty of perjury that the contents of this response are true and correct to the best of my knowledge and belief. Executed on this 10th day of June 2011.

Sincerely,

A handwritten signature in black ink, appearing to read "Joseph A. Kowalewski".

Joseph A. Kowalewski  
Site Vice President

Attachment: 30-Day Response to NRC Bulletin 2011-01  
cc: Regional Administrator  
Resident Inspector  
Project Manager

**Letter W3F1-2011-0037**

**Attachment 1**

**30-Day Response to NRC Bulletin 2011-01**

### **QUESTION 1**

**Is the equipment necessary to execute the mitigating strategies, as described in your submittals to the NRC, available and capable of performing its intended function?**

### **RESPONSE**

The strategies required by section B.5.b of the Interim Compensatory Measures Order EA-02-026 and implemented pursuant to a license condition were submitted to the NRC by References 1, 2, 3, 4, 5, 6, and 8 and reviewed and approved by the NRC in Reference 7.

Entergy has assessed the status of equipment necessary to execute the mitigating strategies as identified in the referenced letters. Based upon the assessment, the equipment is available and capable of performing its intended function.

### **QUESTION 2**

**Are the guidance and strategies implemented capable of being executed considering the current configuration of your facility and current staffing and skill levels of the staff?**

### **RESPONSE**

Entergy has assessed the capability to execute the mitigating strategies as identified in the referenced letters. Based upon the assessment, the guidance and strategies are capable of being executed considering the current configuration of facility, staffing, and skill levels of the staff.

### **REFERENCES**

1. Letter, A.J. Harris to USNRC, Response to NRC Guidance Regarding Mitigation Strategies, W3F1-2005-0038, dated May 31, 2005
2. Letter, J.E. Venable to USNRC, Response to NRC Guidance Regarding Mitigation Strategies, W3F1-2005-0065, dated September 7, 2005
3. Letter, R.J. Murillo to USNRC, Response to NRC Request for Additional Information Regarding the February 2002 Order Section B.5.b, W3F1-2005-0071, dated October 20, 2005
4. Letter, J.E. Venable to USNRC, Response to Report of Inspection of Nuclear Reactor Safeguards Interim Compensatory Measure – Section B.5.b Temporary Instruction 2515/164; NRC Inspection Report 05000333/2005011, W3F1-2006-0010, dated February 24, 2006
5. Letter, J.A. Ridgel to USNRC, Response Providing Information Regarding Implementation Details for the Phase 2 and 3 Mitigating Strategies, W3F1-2006-0064, dated January 11, 2007

6. Letter, K.S. Cook to USNRC, Supplemental Response Regarding Implementation Details for Phase 2 and 3 Mitigation Strategies, W3F1-2007-0016, dated April 26, 2007
7. Letter, USNRC to K.T. Walsh, Conforming License Amendment to Incorporate the Mitigation Strategies Required By Section B.5.b of Commission Order EA-02-026 (TAC NO. MD4569) dated July 26, 2007
8. Letter, R.J. Murillo to USNRC, Commitment Change Notification to B.5.b Response Letter W3F1-2006-0064, W3F1-2007-0041, dated November 15, 2007