



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
1600 EAST LAMAR BLVD  
ARLINGTON, TEXAS 76011-4511

September 18, 2012

Ms. Donna Jacobs  
Vice President, Operations  
Entergy Operations, Inc.  
Waterford 3 Steam Electric Station, Unit 3  
17265 River Road  
Killona, LA 70057-0751

SUBJECT: WATERFORD STEAM ELECTRIC STATION, UNIT 3, FOLLOW-UP LETTER  
REGARDING RESTART

Dear Ms. Jacobs:

Waterford Steam Electric Station, Unit 3, was shutdown on August 28, 2012, in preparation for the arrival of projected hurricane force winds from Hurricane Isaac. Following the hurricane, the Federal Emergency Management Agency (FEMA), Region VI, conducted reviews for post disaster assessment of off-site emergency preparedness capabilities. The purpose of the review was to provide reasonable assurance that adequate emergency preparedness processes and facilities were available to support plant restart and operation. The results of this review were documented in a letter from FEMA to the NRC dated September 4, 2012. A copy of that letter is enclosed. During that same period, NRC inspectors also conducted an assessment of the general condition of the onsite emergency preparedness status in accordance with NRC Inspection Manual Chapter 1601, "Communication and Coordination Protocol for Determining the Status of Offsite Emergency Preparedness." On September 1, 2012, I informed Joe Kowalewski that the condition of the offsite emergency preparedness infrastructure could support a safe reactor restart. This letter documents that communication.

Should you have any questions regarding this letter, please contact our office.

Sincerely,

*/RA/*

Elmo E. Collins  
Regional Administrator

Docket No.: 50-382  
License: NPF-38

D. Jacobs

- 2 -

Enclosure: FEMA "Statement of Continuation of Reasonable Assurance for Waterford 3  
Nuclear Power Plant Restart" letter

cc: Electronic Distribution

Electronic distribution by RIV:  
 Regional Administrator (Elmo.Collins@nrc.gov)  
 Deputy Regional Administrator (Art.Howell@nrc.gov)  
 DRP Director (Kriss.Kennedy@nrc.gov)  
 Acting DRP Deputy Director (Allen.Howe@nrc.gov)  
 Acting DRS Director (Tom.Blount@nrc.gov)  
 Acting DRS Deputy Director (Patrick.Louden@nrc.gov)  
 Senior Resident Inspector (Marlone.Davis@nrc.gov)  
 Resident Inspector (Dean.Overland@nrc.gov)  
 Branch Chief, DRP/E (Don.Allen@nrc.gov)  
 Senior Project Engineer, DRP/E (Ray.Azua@nrc.gov)  
 Project Engineer (Jim.Melfi@nrc.gov)  
 Project Engineer (Dan.Bradley@nrc.gov)  
 WAT Administrative Assistant (Linda.Dufrene@nrc.gov)  
 Public Affairs Officer (Victor.Dricks@nrc.gov)  
 Public Affairs Officer (Lara.Uselding@nrc.gov)  
 Project Manager (Kaly.Kalyanam@nrc.gov)  
 Branch Chief, DRS/TSB (Ray.Kellar@nrc.gov)  
 RITS Coordinator (Marisa.Herrera@nrc.gov)  
 Regional Counsel (Karla.Fuller@nrc.gov)  
 Congressional Affairs Officer (Jenny.Weil@nrc.gov)  
 Technical Support Assistant (Loretta.Williams@nrc.gov)  
 OEmail Resource  
 ROPreports  
 Only inspection reports to the following:  
 RIV/ETA: OEDO (Silas.Kennedy@nrc.gov)  
 DRS/TSB STA (Dale.Powers@nrc.gov)

R:\\_Reactors\WAT\2012\WAT Restart Letter 102012.docx

ADAMS: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes		<input checked="" type="checkbox"/> SUNSI Review Complete	Reviewer Initials: DBA
		<input checked="" type="checkbox"/> Publicly Available	<input checked="" type="checkbox"/> Non-Sensitive
		<input type="checkbox"/> Non-publicly Available	<input type="checkbox"/> Sensitive
RIV:C:DRP/E	C:DRS/PSB1	C:RCB	RC
DAllen	MHays	LHowell	KFuller
<b>/RA/</b>	<b>/JLarsen for/</b>	<b>/DBAllen for via T/</b>	<b>/RA/</b>
9/9/12	9/11/12	9/11/12	9/12/12
DD:DRP	D:DRP	DRA	RA
AHowe	KKennedy	AHowell	EECollins
<b>/KMKennedy for/</b>	<b>/RA/</b>	<b>NOT AVAILABLE</b>	<b>/RA/</b>
9/12/12	9/12/12		9/18/12

OFFICIAL RECORD COPY

T=Telephone

E=E-mail

F=Fax



FEMA

September 4, 2012

Mr. Kevin Williams  
Director, Division of Preparedness and Response (Acting)  
Nuclear Security and Incident Response  
U.S. Nuclear Regulatory Commission  
Washington DC 20555-0001

Statement of Continuation of Reasonable Assurance for Waterford 3 Nuclear Power Plant  
Restart

Dear Mr. Williams:

**Background:**

On August 29, 2012, Hurricane Isaac affected Waterford 3 Steam Electric Station. At 1656, on August 28, 2012, Waterford 3 conducted a forced shutdown, prior to landfall due to projected hurricane force winds. St. Charles Parish and St. John the Baptist Parish are the two risk parishes for Waterford 3 and were affected by the hurricane.

On Saturday, September 1, 2012, FEMA Region VI, REP Program conducted reviews for Post Disaster Assessment of Off-Site Capabilities. The review team was comprised of the Louisiana Department of Environment Quality (LDEQ), Louisiana Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP), Lisa Hammond, Linda Gee, Elsa Lopez, Timothy Pflieger, and Brad DeKorte from the Region VI REP Program.

**Assessment:**

1. Emergency Response Facilities

Louisiana Governor's Office of Homeland Security and Emergency Preparedness

- No issues identified

Louisiana Department of Environmental Quality

- No issues identified

St. Charles Parish

- No issues identified

St. John the Baptist Parish

- No issues identified

2. Communications

Louisiana Governor's Office of Homeland Security and Emergency Preparedness

- No issues identified

Louisiana Department of Environmental Quality

- No issues identified

St. Charles Parish

- No issues identified

St. John the Baptist

- No issues identified

3. Emergency Response Organizations

Louisiana Governor's Office of Homeland Security and Emergency Preparedness

- No issues identified

Louisiana Department of Environmental Quality

- No issues identified

St. Charles Parish

- No issues identified

St. John the Baptist

- No issues identified

4. Public Alert and Notification

Louisiana Governor's Office of Homeland Security and Emergency Preparedness

- No issues identified

Louisiana Department of Environmental Quality

- No issues identified

St. Charles Parish

- Five sirens on primary power, all other sirens on battery backup. All sirens can function up to two weeks without AC power.

St. John the Baptist

- All sirens are on battery back-up. Two sirens are inaccessible due to flooding. All sirens can function up to two weeks without AC power.

5. Special Needs and Transportation Resources

Louisiana Governor's Office of Homeland Security and Emergency Preparedness

- No issues identified

Louisiana Department of Environmental Quality

- No issues identified

St. Charles Parish

- No issues identified

St. John the Baptist

- No issues identified

6. Evacuation Routes

Not all evacuation routes in the EPZ are open or accessible. However roadway diversions were identified and a new evacuation time estimate was provided to the REP review team. The roadway diversions will also be provided to St. Charles Parish and St. John the Baptist Parish. The diversion routes identified are:

- Route 1 – US 61 to LA 3213 to LA 3127 to LA 70, cross the Sunshine Bridge back to access I-10
- Route 2 – US 61 to LA 3213 to LA 44 (River Road) to I-10
- Route 3 – LA 44 from LaPlace to I-10
- Route 4 – US 61 to LA 3213, cross Gramercy Bridge to LA 3127 to LA 70 to LA 1 along the west bank to access Baton Rouge via the bridge near Port Allen
- Route 5 – US 61 to LA 3213, cross Gramercy Bridge to LA 18 to LA 1 along the west bank to access Baton Rouge via the bridge near Port Allen

7. Accident Assessment

Adequate staff is in place to conduct accident assessment if necessary.

Louisiana Department of Environmental Quality

- No issues identified

St. Charles Parish

- Louisiana Department of Wildlife and Fisheries is available to access flooded areas if necessary.

St. John the Baptist

- Louisiana Department of Wildlife and Fisheries is available to access flooded areas if necessary.

8. Support Services

St. Charles Parish

- One reception center (Hammond High School) is not available for support. Three alternate locations (Pontchartrain Center, Central Lafourche High School, and Alario Center) identified in the plan are available to provide support with trained staff and adequate resources. No issues identified with the designated emergency worker decontamination centers.
- The LaFourche and Kenner Fire Departments are available to support an emergency worker decontamination centers.

St. John the Baptist Parish

- One reception center (Hammond High School) is not available for support. Three alternate locations (Pontchartrain Center, Central Lafourche High School, and Alario Center) identified in the plan are available to provide support with trained staff and adequate resources. No issues identified with the designated emergency worker decontamination centers.
- The Paulina Grand Point Fire Department is available to support an emergency worker decontamination center.

9. Catastrophic Impact

The impact of Hurricane Isaac with respect to Waterford 3 Steam Electric Station was not catastrophic.

10. Supporting Documentation

All supporting documentation gathered by the Review Team will be on file at FEMA Region VI.

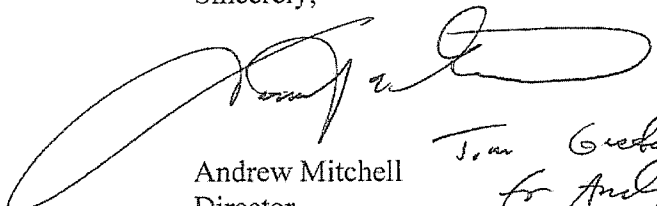
Mr. Kevin Williams  
September 4, 2012  
Page 5

**Conclusions:**

Based on the results of the review, it has been determined that the REP plans for Waterford 3 Steam Electric Station can be implemented to protect the health and safety of the general public. Therefore, 44 CFR Part 350 approval of the offsite radiological emergency response plans and preparedness for the State of Louisiana, specific to Waterford 3 Steam Electric Station, will remain in effect.

If there should be any questions, please contact Mr. Albert Coons, Section Chief, Reasonable Assurance, at 202-212-2318.

Sincerely,



Andrew Mitchell  
Director  
Technological Hazards Division

*Tom Giesler  
for Andy Mitchell*

cc: L. Hammond, FEMA Region VI