



**Entergy Operations, Inc.**  
17265 River Road  
Killona, LA 70057-3093  
Tel 504-739-6673  
Fax 504-739-6698  
mmason@entergy.com

**Michael E. Mason**  
Licensing Manager (acting)  
Waterford 3

W3F1-2012-0075

September 17, 2012

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

**SUBJECT:** Special Report SR-12-001-00, Primary Met. Tower Upper Level  
Wind Speed Instrument Inoperable for Greater Than 7 Days  
Waterford Steam Electric Station, Unit 3  
Docket No. 50-382  
License No. NPF-38

Dear Sir or Madam:

Attached is Special Report Number SR-12-001-00 for Waterford Steam Electric Station, Unit 3. This Special Report is submitted per Technical Requirements Manual 3.3.3.4 and Technical Specification 6.9.2.

If you have any questions concerning this submittal, please contact Michael E. Mason at (504) 739-6673.

There are no new commitments contained in this submittal.

Sincerely,

A handwritten signature in black ink that reads "Michael E. Mason".

MEM/WH

Attachment: Special Report SR-12-001-00

cc: Mr. Elmo E. Collins, Jr.  
Regional Administrator  
U. S. NRC Region IV

RidsRgn4MailCenter@nrc.gov

Mr. N. Kalyanam  
Project Manager, Waterford 3  
U. S. NRC

Kaly.Kalyanam@nrc.gov

NRC Senior Resident Inspector  
Waterford 3

Marlone.Davis@nrc.gov  
Dean.Overland@nrc.gov

**Attachment**

**W3F1-2012-0075**

**Special Report SR-12-001-00**

SPECIAL REPORT  
SR-12-001-00

Primary Meteorological Tower Upper Level Wind Speed instrument  
Inoperable Greater Than 7 Days

SUMMARY

At 13:50 hours on August 29, 2012, Operations personnel at Waterford Steam Electric Station Unit 3 (Waterford 3) declared the Primary Meteorological Tower Upper Level Wind Speed instrument, EM IST0100, inoperable. Technical Requirements Manual (TRM) 3.3.3.4 Action A requires that, with one or more required meteorological monitoring channels inoperable for more than 7 days, prepare and submit a Special Report to the Commission pursuant to Specification 6.9.2 within the next 10 days outlining the cause of the malfunction and the plans for restoring the channel(s) to OPERABLE status. Since the instrument was not returned to service within 7 days, this report is submitted pursuant to TRM 3.3.3.4.

EM IST0100 was declared operable at 02:35 on September 8, 2012, which resulted in approximately 9.5 days of inoperability. Since the Primary Meteorological Tower Upper Level Wind Speed instrument is not utilized for emergency planning purposes, the inoperability of the instrument did not pose a health hazard to the general public.

NARRATIVE

Waterford 3 had just completed a plant shutdown in preparation for the passing of Hurricane Isaac. At 13:16 hours on August 29, 2012, Operations personnel at Waterford 3 noted that the Primary Meteorological Tower Upper Level (199 ft.) Wind Speed instrument was reading erroneously low and declared the instrument inoperable. TRM 3.3.3.4 Action A was entered at 13:50 hours. The condition was entered in the site corrective action program as CR-WF3-2012-4241 and a work request was initiated.

Technical Requirements Manual (TRM) 3.3.3.4 Action A requires that, with one or more required meteorological monitoring channels inoperable for more than 7 days, prepare and submit a Special Report to the Commission pursuant to Specification 6.9.2 within the next 10 days outlining the cause of the malfunction and the plans for restoring the channel(s) to OPERABLE status.

As the Primary Meteorological Tower Upper Level Wind Speed instrument is not utilized for emergency planning purposes, the inoperability of the instrument did not impede assessment of meteorological conditions or adversely affect emergency classification.

Due to the storm related conditions, sufficient plant personnel are sequestered on site prior to the storm to perform plant operations while shutdown, meet emergency planning requirements, and provide site security. Following passing of the storm, designated relief personnel returned to site to relieve sequestered personnel and assist in plant restoration.

Work commenced on September 7, 2012, to restore the Primary Meteorological Tower Upper Level Wind Speed instrument as technicians became available following Hurricane Isaac. Instrumentation and Controls technicians found that two of the three wind cups were broken off the instrument. The technicians replaced the local wind speed instrument under Work Order 326002.

Operations declared the Primary Meteorological Tower Upper Level Wind Speed instrument, EM IST0100, operable at 02:35 hours on September 8, 2012. The total time of inoperability was approximately 9.5 days.

#### PLANT CONTACT

S. W. Meiklejohn, I&C Maintenance Superintendent  
(504) 464-3221