



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

October 28, 2008

Vice President of Operations  
Entergy Operations, Inc.  
Waterford Steam Electric Station, Unit 3  
17265 River Road  
Killona, LA 70057-3093

SUBJECT: WATERFORD STEAM ELECTRIC STATION, UNIT 3 - CLOSEOUT OF  
GENERIC LETTER 2007-01, "INACCESSIBLE OR UNDERGROUND POWER  
CABLE FAILURES THAT DISABLE ACCIDENT MITIGATION SYSTEMS OR  
CAUSE PLANT TRANSIENTS" (TAC NO. MD4395)

Dear Sir or Madam:

On February 7, 2007, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 2007-01, "Inaccessible or Underground Power Cable Failures That Disable Accident Mitigation Systems or Cause Plant Transients" (Agencywide Documents Access and Management System (ADAMS) Accession No. ML070360665). GL 2007-01 requested that licensees provide the following information within 90 days of the date of the GL:

- (1) A history of inaccessible or underground power cable failures for all cables that are within the scope of Section 50.65 of Title 10 of the *Code of Federal Regulations* (10 CFR 50.65, the Maintenance Rule) and for all voltage levels including the cable type, cable manufacturer, date of failure, type of service, voltage class, years of service, and the root causes for the failure; and
- (2) A description of all inspection, testing, and monitoring programs to detect the degradation of inaccessible or underground power cables that support emergency diesel generators (EDGs), offsite power, emergency service water (ESW), service water, component cooling water, and other systems that are within the scope of 10 CFR 50.65 (the Maintenance Rule).

In your letters dated May 3 and December 18, 2007 (ADAMS Accession Nos. ML071280704 and ML073532228, respectively), you provided the information requested in GL 2007-01 and the subsequent request for additional information including:

- (1) A history of inaccessible or underground power cable failures for all cables that are within the scope of 10 CFR 50.65 (the Maintenance Rule) and for all voltage levels including the cable type, cable manufacturer, date of failure, type of service, voltage class, years of service, and the root causes for the failure; and
- (2) A description of all inspection, testing, and monitoring programs to detect the degradation of inaccessible or underground power cables that support EDGs, offsite power, ESW, service water, component cooling water, and other systems that are within the scope of 10 CFR 50.65 (the Maintenance Rule).

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The NRC staff has reviewed the submitted information and has concluded that for Waterford Steam Electric Station, Unit 3, your response to GL 2007-01 is adequate. Based on this review, your response to GL 2007-01 is considered closed and no further action is requested of you at this time.

If you have any questions regarding this letter, please feel free to call me at (301) 415-1480.

Sincerely,

A handwritten signature in black ink, appearing to read "N. Kalyanam", with a horizontal line underneath the name.

N. Kalyanam, Project Manager  
Plant Licensing Branch LPL4  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-382

cc: Distribution via ListServ

October 28, 2008

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If you have any questions regarding this letter, please feel free to call me at (301) 415-1480.

Sincerely,  
/RA/

N. Kalyanam, Project Manager  
Plant Licensing Branch LPL4  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

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ADAMS Accession Number: ML082940012

\*See previous concurrence NRR-106

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