



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

October 28, 2008

Mr. Adam C. Heflin  
Senior Vice President and  
Chief Nuclear Officer  
Union Electric Company  
P.O. Box 620  
Fulton, MO 65251

SUBJECT: CALLAWAY PLANT, UNIT 1 – CLOSEOUT OF GENERIC LETTER 2007-01,  
“INACCESSIBLE OR UNDERGROUND POWER CABLE FAILURES THAT  
DISABLE ACCIDENT MITIGATION SYSTEMS OR CAUSE PLANT  
TRANSIENTS” (TAC NO. MD4307)

Dear Mr. Heflin:

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 letter dated May 7, 2007 (ADAMS Accession No. ML071350411), you provided the information requested in GL 2007-01 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).

A. Heflin

- 2 -

The NRC staff has reviewed the submitted information and has concluded that for Callaway Plant, Unit 1, 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 contact me at (301) 415-1476 or [mohan.thadani@nrc.gov](mailto:mohan.thadani@nrc.gov).

Sincerely,



Mohan C. Thadani, Senior Project Manager  
Plant Licensing Branch IV  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-483

cc: See next page

Callaway Plant, Unit 1

(9/19/2008)

cc:

Missouri Public Service Commission  
Governor Office Building  
200 Madison Street  
P.O. Box 360  
Jefferson City, MO 65102-0360

Certrec Corporation  
4200 S. Hulen, Suite 422  
Fort Worth, TX 76109

Technical Services Branch Chief  
FEMA Region VII  
2323 Grand Blvd., Suite 900  
Kansas City, MO 64108-2670

**Additional Distribution via Listserv**

October 28, 2008

A. Heflin

- 2 -

The NRC staff has reviewed the submitted information and has concluded that for Callaway Plant, Unit 1, 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 contact me at (301) 415-1476 or [mohan.thadani@nrc.gov](mailto:mohan.thadani@nrc.gov).

Sincerely,  
/RA/

Mohan C. Thadani, Senior Project Manager  
Plant Licensing Branch IV  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-483

cc: See next page

**DISTRIBUTION:**

PUBLIC  
LPLIV Reading  
RidsAcrsAcnw\_MailCTR Resource  
RidsNrrDeEeeb Resource  
RidsNrrDorlDpr Resource  
RidsNrrDorlLpl4 Resource

RidsNrrPMMThadani Resource  
RidsNrrLAJBurkhardt Resource  
RidsOgcRp Resource  
RidsRgn4MailCenter Resource  
NDiFrancesco, NRR/DORL

**ADAMS Accession No.: ML082970788**

OFFICE	NRR/LPL4/PE	NRR/LPL4/PM	NRR/LPL4/LA	NRR/DE/EEEB/BC	NRR/LPL4/BC	NRR/LPL4/PM
NAME	NDiFrancesco <i>MSD</i>	MThadani <i>MT</i>	JBurkhardt <i>JB</i>	GWilson <i>GW</i>	MMarkley <i>MM</i>	MThadani <i>MT</i>
DATE	10/24/08	10/27/2008	10/24/08	10/27/08	10/28/08	10/28/08

**OFFICIAL RECORD COPY**