



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

October 24, 2008

Mr. Britt T. McKinney
Sr. Vice President
and Chief Nuclear Officer
PPL Susquehanna, LLC
769 Salem Blvd., NUCSB3
Berwick, PA 18603-0467

SUBJECT: SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2 - CLOSEOUT OF GENERIC LETTER 2007-01 "INACCESSIBLE OR UNDERGROUND POWER CABLE FAILURES THAT DISABLE ACCIDENT MITIGATION SYSTEMS OR CAUSE PLANT TRANSIENTS" (TAC NOS. MD4387 AND MD4388)

Dear Mr. McKinney:

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 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 4, and December 17, 2007 (ADAMS Accession Nos. ML071410190 and ML073620315, 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).

B. McKinney

- 2 -

The NRC staff has reviewed the submitted information and has concluded that for Susquehanna Steam Electric Station, Units 1 and 2 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) 415-3308.

Sincerely,

A handwritten signature in black ink, appearing to read "B.K. Vaidya". The signature is written in a cursive style with a horizontal line underneath the name.

Bhalchandra K. Vaidya, Project Manager
Plant Licensing Branch I-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-387 and 50-388

cc: Distribution via ListServe

B. McKinney

- 2 -

The NRC staff has reviewed the submitted information and has concluded that for Susquehanna Steam Electric Station, Units 1 and 2 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) 415-3308.

Sincerely,

/RA/

Bhalchandra K. Vaidya, Project Manager
Plant Licensing Branch I-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-387 and 50-388

cc: Distribution via ListServe

DISTRIBUTION

PUBLIC PDI-1 RF RidsNrrDorLPL1-1 RidsNrrPMBVaidya(Hard Copy)
RidsNrrLASLittle (hard copy) RidsOGCRp RidsNrrDorIDpr
RidsAcrsAcnw&mMailCenter G. Hill(4) RidsRg1MailCenter
RidsNrrDeEeeb (GWilson)

ADAMS Accession No.: ML082910530

OFFICE	LPLI-1/PM	LPLI-1/LA	EEEE/BC	LPLI-1/BC
NAME	BVaidya	SLittle	GWilson	MKowal
DATE	10/22/08	10/22/08	10/22/08	10/24/08

OFFICIAL RECORD COPY