



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

October 28, 2008

Mr. Randall K. Edington
Executive Vice President Nuclear/
Chief Nuclear Officer
Mail Station 7602
Arizona Public Service Company
P. O. Box 52034
Phoenix, AZ 85072-2034

SUBJECT: PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2, AND 3 -
CLOSEOUT OF GENERIC LETTER 2007-01, "INACCESSIBLE OR
UNDERGROUND POWER CABLE FAILURES THAT DISABLE ACCIDENT
MITIGATION SYSTEMS OR CAUSE PLANT TRANSIENTS" (TAC
NOS. MD4358, MD4359, AND MD4360)

Dear Mr. Edington:

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 (SW), component cooling water (CCW), and other systems that are within the scope of 10 CFR 50.65 (the Maintenance Rule).

In your letters dated May 3, 2007, and January 11, 2008 (ADAMS Accession Nos. ML071360090 and ML080230553, 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,

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offsite power, ESW, SW, CCW, and other systems that are within the scope of 10 CFR 50.65 (the Maintenance Rule).

The NRC staff has reviewed the submitted information and has concluded that for Palo Verde Nuclear Generating Station, Units 1, 2, and 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 contact me at (301) 415-3016.

Sincerely,

A handwritten signature in cursive script that reads "Michael T. Markley for B. Singal".

Balwant K. Singal, Senior Project Manager
Plant Licensing Branch IV
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. STN 50-528, STN 50-529,
and STN 50-530

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Sincerely,

/RA by Michael T. Markley for/

Balwant K. Singal, Senior Project Manager
Plant Licensing Branch IV
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

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and STN 50-530

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ADAMS Accession No. ML082950299

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DATE	<i>10-24-08</i>	10/23/08	<i>10/24/08</i>	<i>10/28/08</i>	<i>10/28/08</i>

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