



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

September 11, 2012

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 -  
REQUEST FOR ADDITIONAL INFORMATION REGARDING  
10 CFR 50.54(p)(2) CHANGES TO SECURITY PLAN

Dear Mr. Edington:

By letter dated July 25, 2012 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML12214A264), Arizona Public Service (the licensee) submitted the Palo Verde Nuclear Generating Station's Physical Security Plan (PSP), Training and Qualification Plan (T&QP), and Safeguards Contingency Plan (SCP), Revision 14. The enclosure to the letter contained Safeguards Information and has been withheld from public disclosure. The U.S. Nuclear Regulatory Commission (NRC) staff is currently reviewing the submittal to ensure compliance with Title 10 of the *Code of Federal Regulations* (10 CFR), Section 50.54(p)(2).

The NRC staff has reviewed the information provided by the licensee and determined that the additional information identified in the enclosure to this letter is needed in order for the NRC staff to complete its review. The draft copy of the request for additional information was provided to Mr. Robert Roehler of your staff via e-mail on August 23, 2012. A conference call to clarify the requests for additional information was held with Mr. Rob Roehler and other members of your staff on September 6, 2012. During that call, Mr. Roehler agreed to provide a response to the requests for additional information within 60 days of the date of this letter.

R. Edington

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If you have any questions, please contact me at (301) 415-1056 or via e-mail at [Lauren.Gibson@nrc.gov](mailto:Lauren.Gibson@nrc.gov).

Sincerely,

A handwritten signature in black ink that reads "Lauren Kate Gibson". The signature is written in a cursive style.

Lauren K. Gibson, 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

Enclosure:  
As stated

cc w/encl: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION  
10 CFR 50.54(p)(2) CHANGES TO SECURITY PLAN  
ARIZONA PUBLIC SERVICE, ET AL  
PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2, AND 3  
DOCKET NOS. 50-528, 50-529, AND 50-530

By letter dated July 25, 2012 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML12214A264), Arizona Public Service (the licensee) submitted the Palo Verde Nuclear Generating Station's Physical Security Plan (PSP), Training and Qualification Plan (T&QP), and Safeguards Contingency Plan (SCP), Revision 14. The enclosure to the letter contained Safeguards Information and has been withheld from public disclosure. The U.S. Nuclear Regulatory Commission (NRC) staff is currently reviewing the submittal to ensure compliance with Title 10 of the *Code of Federal Regulations* (10 CFR), Section 50.54(p)(2). The NRC staff has determined that the additional information requested below is needed to complete its review.

1. In section 11.1 of the PSP, the licensee described an owner controlled area (OCA) barrier at the site. Please describe the function(s) of the OCA barrier. Describe the site-specific conditions analyzed when installing the OCA barrier. Given site-specific conditions, please describe how the OCA barrier performs its function(s). Additionally, the licensee should make appropriate changes during the next revision of the site's PSP to ensure the language clearly describes the function(s) of each barrier in accordance with 10 CFR 73.55(e)(1)(ii).
2. In sections 11.2.1, 11.2.2, and 14.4.1 of the PSP, the licensee described a vehicle barrier system at the site. Please describe how many vehicle barrier systems are employed at the site. Please describe the capabilities of each vehicle barrier system to protect personnel, equipment, and systems necessary to prevent significant core damage and spent fuel sabotage in accordance with 10 CFR 73.55(e)(10)(i)(A). Additionally, the licensee should make appropriate changes during the next revision of the site's PSP to ensure the language clearly describes the capabilities and configuration of vehicle barrier systems in accordance with 10 CFR 73.55(c)(1)(i).
3. In section 7 of the SCP, the licensee described its OCA vehicle checkpoint. It is unclear from the language whether the OCA vehicle checkpoint meets the requirements of 10 CFR 73.55(h)(2)(iii) and (h)(2)(v). Please describe the OCA vehicle checkpoint, the types of personnel who staff the checkpoint and how it meets the requirements of 10 CFR 73.55(h)(2)(iii) and 10 CFR(h)(2)(v). Additionally, the licensee should make appropriate changes during the next revision of the site's SCP to ensure the language clearly describes the OCA vehicle checkpoint in accordance with 10 CFR 73.55(c)(5).

Enclosure

R. Edington

- 2 -

If you have any questions, please contact me at (301) 415-1056 or via e-mail at [Lauren.Gibson@nrc.gov](mailto:Lauren.Gibson@nrc.gov).

Sincerely,

*/RA/*

Lauren K. Gibson, 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. ML12251A047**

\*via email

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