

November 12, 2009

LICENSEE: Arizona Public Service Company  
FACILITY: Palo Verde Nuclear Generating Station, Units 1, 2, and 3  
SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON  
OCTOBER 13, 2009, BETWEEN THE U.S. NUCLEAR REGULATORY  
COMMISSION AND ARIZONA PUBLIC SERVICE COMPANY, CONCERNING  
DRAFT REQUEST FOR ADDITIONAL INFORMATION PERTAINING TO THE  
PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2, AND 3,  
LICENSE RENEWAL APPLICATION

The U.S. Nuclear Regulatory Commission (the staff) and representatives of Arizona Public Service Company (the applicant) held a telephone conference call on October 13, 2009, to discuss and clarify the staff's draft request for additional information (RAI) concerning the Palo Verde Nuclear Generating Station, Units 1, 2, and 3, license renewal application. The telephone conference call was useful in clarifying the intent of the staff's draft RAI.

Enclosure 1 provides a listing of the participants and Enclosure 2 contains a listing of the D-RAI discussed with the applicant, including a brief description on the status of the items.

The applicant had an opportunity to comment on this summary.

*/RA/*

Lisa M. Regner, Sr. Project Manager  
Projects Branch 2  
Division of License Renewal  
Office of Nuclear Reactor Regulation

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

Enclosures:  
As stated

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The applicant had an opportunity to comment on this summary.

*/RA/*

Lisa M. Regner, Sr. Project Manager  
Projects Branch 2  
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Docket Nos. 50-528, 50-529, and 50-530

Enclosures:  
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NAME	NFerrer	YEdmonds	LRegner	DWrona
DATE	10/26/09	10/22/09	11/02/09	11/10/09
OFFICE	PM:RPB2:DLR			
NAME	LRegner (Signature)			
DATE	11/12/09			

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Memorandum to Arizona Public Service Company from Lisa M. Regner dated November 12, 2009

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON OCTOBER 13, 2009, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND ARIZONA PUBLIC SERVICE COMPANY, CONCERNING DRAFT REQUESTS FOR ADDITIONAL INFORMATION PERTAINING TO THE PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2, AND 3, LICENSE RENEWAL APPLICATION

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L. Regner

B. Mizuno

R. Treadway, RIV

G. Pick, RIV

**TELEPHONE CONFERENCE CALL  
PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2, AND 3  
LICENSE RENEWAL APPLICATION**

**LIST OF PARTICIPANTS  
OCTOBER 13, 2009**

**PARTICIPANTS**

**AFFILIATIONS**

Lisa Regner	U.S. Nuclear Regulatory Commission (NRC)
Naeem Iqbal	NRC
Nathaniel Ferrer	NRC
Angela Krainik	Arizona Public Service Company (APS)
Glenn Michael	APS
Chalmer Myer	Strategic Teaming and Resource Sharing (STARS) Alliance
Eric Blocher	STARS
David Lipinski	STARS
James Johnson	STARS
Maurice Palmowski	STARS
Seemant Saxena	STARS

**DRAFT REQUESTS FOR ADDITIONAL INFORMATION  
PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2, AND 3  
LICENSE RENEWAL APPLICATION**

**OCTOBER 13, 2009**

The U.S. Nuclear Regulatory Commission (the staff) and representatives of Arizona Public Service Company (the applicant) held a telephone conference call on October 13, 2009, to discuss and clarify the following draft request for additional information (RAI) concerning the Palo Verde Nuclear Generating Station, Units 1, 2, and 3, license renewal application (LRA).

**RAI 2.3.3.19-1**

LRA drawing LR-PVNGS-FP-01-M-FPP-002 shows fire water system and associated components (turbine building and outside transformer) as out of scope (i.e., not colored in green). The staff requests that the applicant verify whether these fire water system associated components are in the scope of license renewal in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Part 54.4(a) and subject to an aging management review (AMR) in accordance with 10 CFR 54.21(a)(1). If they are excluded from the scope of license renewal and not subject to an AMR, the staff requests that the applicant provide justification for the exclusion.

**Discussion:** Based on the discussion with the applicant, the staff agreed to specify that the transformers in proximity to the turbine building were the only components of concern and will revise this question as follows. The revised question will be sent in a formal RAI.

LRA drawing LR-PVNGS-FP-01-M-FPP-002 shows transformers in proximity to the turbine building as out of scope (i.e., not colored in green). The staff requests that the applicant verify whether these components are in the scope of license renewal in accordance with 10 CFR 54.4(a) and subject to an AMR in accordance with 10 CFR 54.21(a)(1). If they are excluded from the scope of license renewal and not subject to an AMR, the staff requests that the applicant provide justification for the exclusion.

**RAI 2.3.3.19-2**

The following LRA drawings show fire protection system components as out of scope (i.e., not colored in green):

- LRA drawing LR-PVNGS-FP-01-M-FPP-003 shows fire water system valves and drains in the Upper and Lower Cable Spreading Room and Radwaste Building as out of scope.
- LRA drawing LR-PVNGS-FP-01-M-FPP-006 shows fire water system valves and drains as out of scope.
- LRA drawing LR-PVNGS-FP-01-M-FPP-007 shows fire water system valves, drains, and fuel tank dikes as out of scope.

ENCLOSURE 2

The staff requests that the applicant verify whether these fire protection system components are in the scope of license renewal in accordance with 10 CFR 54.4(a) and subject to an AMR in accordance with 10 CFR 54.21(a)(1). If they are excluded from the scope of license renewal and not subject to an AMR, the staff requests that the applicant provide justification for the exclusion.

**Discussion:** Based on the discussion with the applicant, the staff agreed that the drawing referenced in the third bullet was LR-PVNGS-FP-01-M-FPP-001 and will revise this question as follows. The revised question will be sent in a formal RAI.

The following LRA drawings show fire protection system components as out of scope (i.e., not colored in green):

- LRA drawing LR-PVNGS-FP-01-M-FPP-003 shows fire water system valves and drains in the Upper and Lower Cable Spreading Room and Radwaste Building as out of scope.
- LRA drawing LR-PVNGS-FP-01-M-FPP-006 shows fire water system valves and drains as out of scope.
- LRA drawing LR-PVNGS-FP-01-M-FPP-001 shows fire water system valves, drains, and fuel tank dikes as out of scope.

The staff requests that the applicant verify whether these fire protection system components are in the scope of license renewal in accordance with 10 CFR 54.4(a) and subject to an AMR in accordance with 10 CFR 54.21(a)(1). If they are excluded from the scope of license renewal and not subject to an AMR, the staff requests that the applicant provide justification for the exclusion.

### **RAI 2.3.3.19-3**

LRA drawing LR-PVNGS-FP-01-M-FPP-004 shows several components associated with the carbon dioxide (CO<sub>2</sub>) fire suppression system in the Auxiliary Building as out of scope (i.e., not colored in green). The staff requests that the applicant verify whether these CO<sub>2</sub> fire suppression system components are in the scope of license renewal in accordance with 10 CFR 54.4(a) and subject to an AMR in accordance with 10 CFR 54.21(a)(1). If they are excluded from the scope of license renewal and not subject to an AMR, the staff requests that the applicant provide justification for the exclusion.

**Discussion:** The applicant indicated that the question is clear. This will be sent in a formal RAI.

**RAI 2.3.3.19-4**

LRA Table 2.3.3-19 excludes several types of fire protection components that appear in NUREG-0857, "Safety Evaluation Report Related to the Operation of Palo Verde Nuclear Generating Station, Units 1, 2, and 3," and its supplements and LRA drawings. These components are listed below:

- Pipe fittings, pipe supports, hangers, and couplings
- Fire hose stations, connections and racks
- Filter housings
- Halon 1301 storage bottles
- Dikes for oil spill confinement
- Floor drains and curbs for fire-fighting water
- Passive components in the diesel fuel fire pump engine

For each, determine whether the component should be included in Tables 2.3.3-19 and 3.3.2-19, and, if not, justify the exclusion.

**Discussion:** The applicant indicated that the question is clear. This will be sent in a formal RAI.

**RAI 2.4-1**

LRA Section 2.4 excludes several types of fire barrier assemblies and components that appear in NUREG-0857 and its supplements. These fire components are listed below:

- Table 2.4.-1, fire barrier concrete block (masonry walls) and fire barrier doors
- Table 2.4.3, fire barrier concrete block (masonry walls) and fire barrier coatings/wraps
- Table 2.4-4, fire barrier concrete elements
- Table 2.4-6, fire barrier concrete block (masonry walls) and fire barrier coatings/wraps
- Table 2.4.7, fire barrier concrete block (masonry walls), fire barrier doors, and fire barrier coatings/wraps
- Table 2.4-8, fire barrier concrete elements, fire barrier concrete block (masonry walls), fire barrier doors, fire barrier seals, and fire barrier coatings/wraps
- Table 2.4-9, fire barrier concrete block (masonry walls) and fire barrier coatings/wraps
- Table 2.4-13, fire barrier coatings/wraps

The staff requests that the applicant verify whether the above fire barrier assemblies and components are in the scope of license renewal in accordance with 10 CFR 54.4(a) and subject to an AMR in accordance with 10 CFR 54.21(a)(1). If they are excluded from the scope of license renewal and not subject to an AMR, the staff requests that the applicant provide justification for the exclusion.

**Discussion:** Based on the discussion with the applicant, the staff agreed that Table 2.4-7 listed fire barrier doors as in scope and will revise this question as follows. The revised question will be sent in a formal RAI.

LRA Section 2.4 excludes several types of fire barrier assemblies and components that appear in NUREG-0857 and its supplements. These fire components are listed below:

- Table 2.4-1, fire barrier concrete block (masonry walls) and fire barrier doors
- Table 2.4-3, fire barrier concrete block (masonry walls) and fire barrier coatings/wraps
- Table 2.4-4, fire barrier concrete elements
- Table 2.4-6, fire barrier concrete block (masonry walls) and fire barrier coatings/wraps
- Table 2.4-7, fire barrier concrete block (masonry walls) and fire barrier coatings/wraps
- Table 2.4-8, fire barrier concrete elements, fire barrier concrete block (masonry walls), fire barrier doors, fire barrier seals, and fire barrier coatings/wraps
- Table 2.4-9, fire barrier concrete block (masonry walls) and fire barrier coatings/wraps
- Table 2.4-13, fire barrier coatings/wraps

The staff requests that the applicant verify whether the above fire barrier assemblies and components are in the scope of license renewal in accordance with 10 CFR 54.4(a) and subject to an AMR in accordance with 10 CFR 54.21(a)(1). If they are excluded from the scope of license renewal and not subject to an AMR, the staff requests that the applicant provide justification for the exclusion.



Palo Verde Nuclear Generating Station,  
Units 1, 2, and 3

cc:

Mr. Steve Olea  
Arizona Corporation Commission  
1200 W. Washington Street  
Phoenix, AZ 85007

Mr. Douglas Kent Porter, Senior Counsel  
Southern California Edison Company  
Law Department, Generation Resources  
P.O. Box 800  
Rosemead, CA 91770

Senior Resident Inspector  
U.S. Nuclear Regulatory Commission  
P.O. Box 40  
Buckeye, AZ 85326

Regional Administrator, Region IV  
U.S. Nuclear Regulatory Commission  
612 E. Lamar Blvd., Suite 400  
Arlington, TX 76011-4125

Chairman  
Maricopa County Board of Supervisors  
301 W. Jefferson, 10th Floor  
Phoenix, AZ 85003

Mr. Aubrey V. Godwin, Director  
Arizona Radiation Regulatory Agency  
4814 S. 40th Street  
Phoenix, AZ 85040

Mr. Scott Bauer, Director  
Regulatory Affairs  
Palo Verde Nuclear Generating Station  
Mail Station 7636  
P.O. Box 52034  
Phoenix, AZ 85072-2034

Mr. Dwight C. Mims, Vice President  
Regulatory Affairs and Plant Improvement  
Palo Verde Nuclear Generating Station  
Mail Station 7605  
P.O. Box 52034  
Phoenix, AZ 85072-2034

Mr. John C. Taylor, Director, Nuclear  
Generation  
El Paso Electric Company  
340 E. Palm Lane, Suite 310  
Phoenix, AZ 85004

Mr. James Ray  
Public Service Company of New Mexico  
2401 Aztec NE, MS Z110  
Albuquerque, NM 87107-4224

Mr. Geoffrey M. Cook  
Southern California Edison Company  
5000 Pacific Coast Highway, Bldg. D21  
San Clemente, CA 92672

Mr. Robert Henry  
Salt River Project  
6504 E. Thomas Road  
Scottsdale, AZ 85251

Mr. Jeffrey T. Weikert  
Assistant General Counsel  
El Paso Electric Company  
Mail Location 167  
123 W. Mills  
El Paso, TX 79901

Mr. Eric Tharp  
Los Angeles Department of Water & Power  
Southern California Public Power Authority  
P.O. Box 51111, Room 1255-C  
Los Angeles, CA 90051-0100

Mr. Brian Almon  
Public Utility Commission  
William B. Travis Building  
P.O. Box 13326  
1701 N. Congress Avenue  
Austin, TX 78701-3326

Palo Verde Nuclear Generating Station, - 2 -  
Units 1, 2, and 3

cc:

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