



Palo Verde Nuclear  
Generating Station

*A subsidiary of Pinnacle West Capital Corporation*  
**Thomas N. Weber**  
Department Leader  
Regulatory Affairs

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**102-05892-TNW/RJR**  
**September 03, 2008**

ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Dear Sirs:

**Subject: Palo Verde Nuclear Generating Station (PVNGS)**  
**Unit 2, Docket No. STN 50-529**  
**Third 10-Year Interval - Fourteenth Refueling Outage - Owner's**  
**Activity Report**

Pursuant to 10 CFR 50.55a and in accordance with the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code Case N-532-4, Arizona Public Service Company (APS) hereby submits the Owner's Activity Reports (Form OAR-1) for the Unit 2 refueling outage 14. Report number 2R14 is for activities conducted as part of Unit 2's first period of the third interval. Report number 2R14.1 is for Unit 2's remaining second interval activities completed this outage. The outage was completed on June 5, 2008.

This letter makes no commitments to the NRC. Should you have questions regarding this submittal, please contact Russell A. Stroud at (623) 393-5111.

Sincerely,

TNW/RAS/RJR/gat

Enclosure

cc: E. E. Collins Jr. NRC Region IV Regional Administrator  
B. K. Singal NRC NRR Project Manager  
R. I. Treadway NRC Senior Resident Inspector

A member of the **STARS** (Strategic Teaming and Resource Sharing) Alliance

A047  
NRR

**ENCLOSURE**

**Unit 2**

**Fourteenth Refueling Outage Owner's Activity Reports**

**Reports U2R14 and U2R14.1**

# Palo Verde Nuclear Generating Station Form OAR-1 Owner's Activity Report

Report Number 2R14.1

Plant Palo Verde Nuclear Generating Station, 5801 S. Wintersburg Road, Tonopah, Arizona 85354-7529  
(Name and Address of Plant)

Unit No. 2 Commercial Service Date 9/19/1986 Refueling Outage No. 14  
(if applicable)

Current Inspection Interval 2nd  
(1st, 2nd, 3rd, 4th, other)

Current Inspection Period 3rd  
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plans 1992 Edition through 1992 Addenda

Date and Revision of inspection plans 2/01/1998 - Revision 0

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans  
2001 Edition through 2003 Addenda

Code Case used: N-416-2, N-460, N-498, N-522, N-524, N-553, N-554-2, N-648-1, N-685  
(If applicable)

### CERTIFICATE OF CONFORMANCE

I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of 2R14 conform to the requirements of Section XI. (Refueling Outage Number)

Signed *Luca Stupica* SR-ENGINEER Date 8/21/2008  
Owners or Owner's Designee, Title

### CERTIFICATE OF INSERVICE INSPECTION

I, the Undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSB CT of Hartford, Connecticut have inspected the items described in this Owner's Activity Report, and state that, to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his Employer makes any warranty, expressed or implied, concerning the repair/replacement activities and evaluation described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

*RS* Commissions NB 9685 "A.N.I.C" Az 264  
Inspector's Signature National Board, State, Province, and Endorsement

Date 8-21-08

# Palo Verde Nuclear Generating Station

## Table 1

**Items with flaws or relevant conditions that  
required evaluation for continued service**

Examination Category	Item Number	Item Description	Evaluation Description
---	---	None	

**Palo Verde Nuclear Generating Station**

**Table 2**

**Abstract of repair/replacement activities  
required for continued service**

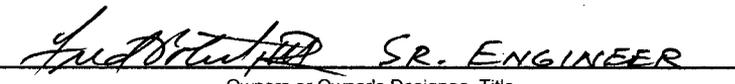
Code Class	Item Description	Description of Work	Date Complete	Repair / Replacement Plan Number
		None		

# Palo Verde Nuclear Generating Station Form OAR-1 Owner's Activity Report

Report Number	<u>2R14</u>		
Plant	<u>Palo Verde Nuclear Generating Station, 5801 S. Wintersburg Road, Tonopah, Arizona 85354-7529</u> <small>(Name and Address of Plant)</small>		
Unit No. <small>(if applicable)</small>	<u>2</u>	Commercial Service Date	<u>9/19/1986</u> Refueling Outage No. <u>14</u>
Current Inspection Interval	<u>3rd</u> <small>(1st, 2nd, 3rd, 4th, other)</small>		
Current Inspection Period	<u>1st</u> <small>(1st, 2nd, 3rd)</small>		
Edition and Addenda of Section XI applicable to the inspection plans	<u>2001 Edition through 2003 Addenda</u>		
Date and Revision of inspection plans	<u>3/17/2008 - Revision 0</u>		
Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans	<u>same</u>		
Code Case used:	<u>N-460, N-526, N-532-4, N-566-2, N-613-1, N-624, N-652-1, N-685, N-695, N-700</u> <small>(If applicable)</small>		

### CERTIFICATE OF CONFORMANCE

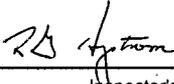
I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of 2R14 conform to the requirements of Section XI. (Refueling Outage Number)

Signed  SR. ENGINEER Date 8/19/2008  
Owners or Owner's Designee, Title

### CERTIFICATE OF INSERVICE INSPECTION

I, the Undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSB CT of Hartford, Connecticut have inspected the items described in this Owner's Activity Report, and state that, to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his Employer makes any warranty, expressed or implied, concerning the repair/replacement activities and evaluation described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

 Commissions NB 9685 "A.N.I.C" Az 264  
Inspector's Signature National Board, State, Province, and Endorsement

Date 8-19-08

# Palo Verde Nuclear Generating Station

## Table 1

Items with flaws or relevant conditions that required evaluation for continued service

Examination Category	Item Number	Item Description	Evaluation Description
---	....	None	

# Palo Verde Nuclear Generating Station

## Table 2

### Abstract of repair/replacement activities required for continued service

Code Class	Item Description	Description of Work	Date Complete	Repair / Replacement Plan Number
2	2PCHAV190 - 3" Swing Check Valve	Weld attaching seat to body of valve in service failed. Valve was replaced with new valve.	5/24/2008	Work Order # 2948909
2	2SG033H011 - Constant Spring Can Support	Beam attachment welds to structural steel failed. Removed original support and replaced with newly designed support.	5/16/2008	Work Order # 3156677
2	2SG036H011 - Constant Spring Can Support	Crack found in yoke of support. Removed original support and replaced with newly designed support.	5/16/2008	Work Order # 3156710
2	2SG045H011 - Constant Spring Can Support	Crack found in beam attachment weld. Removed original support and replaced with newly designed support.	5/16/2008	Work Order # 3161040