



102-07174-TNW/CJS
January 15, 2016

**Palo Verde
Nuclear Generating Station**
P.O. Box 52034
Phoenix, AZ 85072
Mail Station 7636
Tel: (623) 393-5764

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, Third Period:
Owner's Activity Report Number U2R19**

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 Report (Form OAR-1) for Unit 2 refueling outage 19 (U2R19). The outage ended on November 15, 2015.

No commitments are being made to the NRC by this letter. Should you need further information regarding this submittal, please contact me at (623) 393-5764.

Sincerely,

Thomas N. Weber
Department Leader, Regulatory Affairs

TNW/CJS

Enclosure: Unit 2 Nineteenth Refueling Outage Owner's Activity Report, Report U2R19

cc:	M. L. Dapas	NRC Region IV Regional Administrator
	M. M. Watford	NRC NRR Project Manager for PVNGS
	C. A. Peabody	NRC Senior Resident Inspector for PVNGS

ENCLOSURE

Unit 2

**Nineteenth Refueling Outage Owner's Activity
Report**

Report U2R19

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number: 2R19

Plant: Palo Verde Nuclear Generating Station, 5801 S. Wintersburg Road, Tonopah, Arizona 85354-7529

Unit No.: 2 Commercial service date: Sep 19, 1986 Refueling Outage No.: 19
(if applicable)

Current inspection interval IWB, IWC, IWD, IWF = 3rd, IWE, IWL = 2nd
(1st, 2nd, 3rd, 4th, other)

Current inspection period IWB, IWC, IWD, IWF, IWE = 3rd, IWL = 2nd
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plans 2001 ed, 2003 ad, IWL 2007 ed 2008 ad

Date and revision of inspection plans ISI = 8/29/13 R4, Press Test = 3/19/14 R4, IWE = 9/22/15 R1, IWL = 1/29/15 R2

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

Code Cases used: N-532-4
(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 2R19 conform to the requirements of Section XI.
(refueling outage number)

Signed Lehman, William T(Z60076) Digitally signed by Lehman, William T(Z60076)
DN: cn=Lehman, William T(Z60076)
Reason: I am the author of this document
Date: 2016.01.07 15:47:42 -07'00' Date: _____

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 The Hartford Steam Boiler Inspection and Insurance Company of Connecticut 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 a loss of any kind arising from or connected with this inspection.

Hogstrom, Robert (YH2450) Digitally signed by Hogstrom, Robert (YH2450)
DN: cn=Hogstrom, Robert (YH2450)
Date: 2016.01.07 16:30:40 -07'00' Commissions: N.B. 9685, Az 264, "A.N.I.C"
(Inspector's Signature) National Board, State, Province, and Endorsements

Date: _____

Palo Verde Nuclear Generating Station
Owners Activity Report - Unit 2 Refueling Outage 19
Table 1

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

Examination Category	Item Number	Description of Work	Evaluation Description
F-A	F1.20	2SG002H013	EW R 4708973

Palo Verde Nuclear Generating Station
Owners Activity Report - Unit 2 Refueling Outage 19_
Table 2
Abstract of repair/replacement activities
required for continued service

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
1	2RC009H00E	Replace Snubber	10/29/2015	4709821
2	2SG005H014	Replace Snubber	10/26/2015	4531986
2	2SG008H007	Replace Snubber	10/21/2015	4531988
2	2SG011H014	Replace Snubber	10/31/2015	4531991
2	2S1159H003	Replace Snubber	10/20/2015	4532016
2	2S1174H005	Replace Snubber	10/24/2015	4532017
2	2PSGEL011	weld repair for corrosion	11/13/2015	4564327
3	2MDGAE01A	Replace Fasteners for corrosion	10/6/2015	4591571
3	2MDGAE01B	Replace Fasteners for corrosion	10/4/2015	4591572
3	2PSPAL009 spool 2	weld repair for corrosion	10/4/2015	4591572
3	2MDGBE05	weld repair for corrosion	2/17/2015	4614411
3	2MDGAE01A/B spools 6,7 and 8	weld repair for corrosion	10/4/2015	4637019
3	2MDGAE01A	weld repair for corrosion	10/4/2015	4637019
3	2MDGAE01B	weld repair for corrosion	10/4/2015	4637019
3	2MDGAE04	weld repair for corrosion	10/4/2015	4637019
3	2MDGAE05	weld repair for corrosion	10/4/2015	4637019
3	2MDGAE05	weld repair for corrosion	6/10/2015	3687682
3	2MDGAE04	weld repair for corrosion	6/10/2015	4296113
3	2MDGAE01B	weld repair for corrosion	6/10/2015	4296175
3	2MDGAE01A	Replace Fasteners for corrosion	6/10/2015	4305271
3	2MDGAE01A	weld repair for corrosion	6/10/2015	4305271
3	2MEWBE01	weld repair for corrosion	10/24/2015	4551380