



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

102-06983-TNW/CJS
January 6, 2015

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

Dear Sirs:

**Subject: Palo Verde Nuclear Generating Station (PVNGS)
Unit 1, Docket No. STN 50-528
Third 10-Year Interval, Second Period:
Owner's Activity Report Number U1R18**

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 1 refueling outage 18 (U1R18). The outage ended on November 11, 2014.

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/hsc

Enclosure: Unit 1 Eighteenth Refueling Outage Owner's Activity Report, Report U1R18

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

A047
NRR

ENCLOSURE

Unit 1

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

Report U1R18

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number: 1R18

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

Unit No.: 1 Commercial service date: Jan 28, 1986 Refueling Outage No.: 18
(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 = 2nd IWL = 1st
(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 = 8/28/13 R3, Press Test = 3/19/14 R4, IWE = 4/2/09 R0, IWL = 11/8/12 R1

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 U1R18 conform to the requirements of Section XI.
(refueling outage number)

Signed Lehman, William Digitally signed by Lehman, William
T(Z60076) T(Z60076)
DN: cn=Lehman, William T(Z60076)
Date: 2014.12.24 08:13:32 -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 HSB GS 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, Digitally signed by Hogstrom,
Robert (YH2450) Robert (YH2450)
DN: cn=Hogstrom, Robert
(YH2450)
Date: 2014.12.24 10:40:32 -07'00'
(Inspector's Signature) Commissions N.B. 9685 "A,N,I,C", Az 264
National Board, State, Province, and Endorsements

Date: _____

Palo Verde Nuclear Generating Station
Owners Activity Report - Unit 1 Refueling Outage 18
Table 1
Items with flaws or relevant conditions that
required evaluation for continued service

Examination Category	Item Number	Description of Work	Evaluation Description
NONE	NONE	NONE	NONE

Palo Verde Nuclear Generating Station
 Owners Activity Report - Unit 1 Refueling Outage _18__

Table 2

Abstract of repair/replacement activities
 required for continued service

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
3	1MDGBE04	LO cooler base metal repair	5/16/2013	4019406
3	1MDGBE01B	base metal repairs to intercooler	5/16/2013	4056012
3	1MDGBF05	tack welds to silencer	5/15/2013	4177411
2	1SI135H003	replace snubber failed testing	9/11/2014	4442538
3	1MDGBE01A	base metal repairs to intercooler	9/19/2014	4413270
3	1MDGBE01B	base metal repairs to intercooler	9/19/2014	4413270
3	1PSPBL104	replace piping due to corrosion	9/19/2014	4414257
3	1PSPBL106	replace piping due to corrosion	9/19/2014	4414257
3	1MDGBE04	LO cooler base metal repair	9/19/2014	4426325
3	1MDGBE01B	base metal repair to intercooler	9/19/2014	4544780
3	1MDGAE01A	base metal pipe repairs	10/5/2014	3915888
3	1MDGAE01A	base metal repairs to intercooler	10/5/2014	3915888
3	1PSPAL080	replace piping due to corrosion	10/5/2014	4358934
3	1PSPAL098	replace piping due to corrosion	10/5/2014	4358935
3	1MDGAE05	JW cooler base metal repair	10/5/2014	4417797
3	1MDGAE04	LO cooler base metal repair	10/5/2014	4417798
3	1MDGAE01A	base metal repair to intercooler	10/5/2014	4544778
2	1SI072H018	replace snubber failed testing	10/29/2014	4573116
2	1PSGEL008	replace piping due to corrosion	11/8/2014	3309334