



102-07072-TNW/CJS
June 30, 2015

**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 3, Docket No. STN 50-530; License No. NPF-74
Third 10-Year Interval, Third Period:
Owner's Activity Report Number U3R18**

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 3 refueling outage 18 (U3R18). The outage ended on May 3, 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,

A handwritten signature in black ink, reading 'Thomas N. Weber', followed by three dots.

Thomas N. Weber
Department Leader, Regulatory Affairs

TNW/CJS

Enclosure: Unit 3 Eighteenth Refueling Outage Owner's Activity Report, Report U3R18

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

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

Callaway • Comanche Peak • Diablo Canyon • Palo Verde • Wolf Creek

A047
NRR

ENCLOSURE

Unit 3

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

Report U3R18

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number: 3R18

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

Unit No.: 3 Commercial service date: Jan 8, 1988 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 = 3rd 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 = 8/29/13 R3, Press Test = 3/19/14 R4, IWE = 4/2/09 R0, 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 U3R18 conform to the requirements of Section XI.
(refueling outage number)

Lehman, William
Digitally signed by Lehman, William
T(Z60076)
DN: cn=Lehman, William T(Z60076)
Reason: I am the author of this document
Signed T(Z60076) Date: 2015.06.17 14:26:43 -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, Robert (YH2450)
Digitally signed by Hogstrom, Robert (YH2450)
DN: cn=Hogstrom, Robert (YH2450)
Date: 2015.06.17 15:35:56 -07'00'
(Inspector's Signature)

Commissions N.B. 9685 "A, N, I, C"

National Board, State, Province, and Endorsements

Date: Jun 17, 2015

Palo Verde Nuclear Generating Station
Owners Activity Report - Unit 3 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
1	3MRCEE01B	nozzle gouge on RCCL086	DEC-0077
MC	3MWCEU60	corrosion found 15-VT-3015	Eval # 4645569

Palo Verde Nuclear Generating Station
 Owners Activity Report - Unit 3 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	3MDGAE01B intercooler	repair for corrosion and fasteners	02/27/15	4202736
3	3MDGAE01A intercooler	repair for corrosion and fasteners	02/27/15	4202737
3	3MEWAE01	repair nozzle N-12 and N-7 for corrosion	04/19/15	4366271
1	3MRCEE01A hot leg	install tube plugs	04/23/15	4422030
1	3MRCEE01A cold leg	install tube plugs	04/23/15	4422031
1	3MRCEE01B hot leg	install tube plugs	04/23/15	4422032
1	3MRCEE01B cold leg	install tube plugs	04/23/15	4422033
3	3MDGBE01B intercooler	replaced fasteners	03/20/15	4471380
3	3MDGAE05 JW cooler	repair for corrosion	02/27/15	4478943
3	3MDGAE04 LO cooler	repair for corrosion	2/27/2015	4478944
3	3MDGBE05 JW cooler	repair for corrosion	3/20/2015	4485211
3	3MDGBE04 LO cooler	repair for corrosion	03/20/15	4485212
3	3MEWAE01	repair for corrosion	4/20/2015	4489756
2	3SG005H003	replace for failed snubber	4/30/2015	4492182
3	3MDGAE01A intercooler	rework weld	2/27/2015	4544784
3	3MDGBE01A intercooler	repair for corrosion	3/20/2015	4592759
3	3MDGBE01A/B intercooler	repair for corrosion	3/20/2015	4592760
3	3MDGBE01A/B intercooler	repair for corrosion	3/20/2015	4608195
3	3MDGAE01A/B intercooler	repair spool 7 & 8 for corrosion	2/27/2015	4608204
3	3MDGAE04 LO cooler	repair for corrosion	2/27/2015	4614453
1	3MRCEP01C	repair RCP 2A nozzle	5/2/2015	4641707
2	3SI248H018	replace load stud	4/25/2015	4644728
MC	3AZCNB01	install patch plate	4/26/2015	4645927
2	3SG002H008	adjust loose sway strut	4/21/2015	4641053