



102-07444 TNW/TMJ
March 31, 2017

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

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

Dear Sirs:

Subject: **Palo Verde Nuclear Generating Station (PVNGS)
Units 1, 2, & 3 and Independent Spent Fuel Storage Installation
(ISFSI)
Docket Nos. STN 50-528/529/530 and 72-44
10 CFR 50.59, 10 CFR 72.48, and Commitment Change
Annual Reports and Notifications**

Enclosed please find the Arizona Public Service Company (APS) 10 CFR 50.59 and 10 CFR 72.48 report for January 1, 2016, through December 31, 2016.

In accordance with 10 CFR 50.59(d)(2), APS is providing a brief description and summary of the evaluations required by 10 CFR 50.59(d)(1) for each change completed during the period. The enclosure contains a report of the evaluations written during 2016, regardless of the implementation status of the evaluated action.

In accordance with 10 CFR 72.48(d)(2), APS is reporting that there was one change completed during the period that was required to be reported pursuant to 10 CFR 72.48.

In accordance with the APS commitment management program, APS is reporting that there were no NRC commitment changes during 2016 that were not previously reported. A separate commitment change was made during 2016 as reported in APS letter number 102-07204, dated February 25, 2016, Agencywide Documents Access and Management System (ADAMS) Accession No. ML 16056A5974.

No new commitments are being made to the NRC by this letter. Should you need further information regarding this submittal, please contact Michael D. DiLorenzo, Nuclear Regulatory Affairs Section Leader at (623) 393-3495.

Sincerely,

Thomas N. Weber
Department Leader, Nuclear Regulatory Affairs

TNW/TMJ/sma

Enclosure: PVNGS 10 CFR 50.59 and 10 CFR 72.48 Report January 2016 – December 2016

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cc: K. M. Kennedy NRC Region IV Regional Administrator
S. P. Lingam NRC NRR Project Manager for PVNGS
M. M. Watford NRC NRR Project Manager
C. A. Peabody NRC Senior Resident Inspector for PVNGS

ENCLOSURE

Palo Verde Nuclear Generating Station

10 CFR 50.59 and 10 CFR 72.48 Report

January 2016 - December 2016

PVNGS 10 CFR 50.59 and 10 CFR 72.48 Report (January 2016 through December 2016)

Log	Doc Type	Doc Number	Description	Summary
E-14-0002 Rev. 001	DMWO	3232547	Replace the inverters of the Class 1E Vital Instrument AC power system, E-PNA-N11, E-PNB-N12, E-PNC-N13 and E-PND-N14. In addition, to improve the system availability and reliability, new swing inverters E-PNE-N15 and E-PNE-N16 along with a swing line-up switch are added to each of three units.	This change does not require prior NRC approval in accordance with 10 CFR 50.59(C)(1).
E-14-0002 Rev. 002	DMWO	3232547	Replace the inverters of the Class 1E vital instrument AC power system, E-PNA-N11, E-PNB-N12, E-PNC-N13 and E-PND-N14. In addition, to improve the system availability and reliability, new swing inverters E-PNE-N15 and E-PNE-N16 along with a swing line-up switch are added to each of the three units.	This change does not require prior NRC approval in accordance with 10 CFR 50.59(C)(1).
E-15-0002 Rev. 001	DMWO	4096894	Add a digital asset protection system which is a centralized monitoring and cyber security response architecture for process systems at the Palo Verde Nuclear Generating Station (PVNGS) facilities.	This change does not require prior NRC approval in accordance with 10 CFR 50.59(C)(1).
E-16-0001 Rev. 000	STDY	13-MS-A151	Justify connecting the refueling water tank to the spent fuel pool cleanup system during any mode of operation.	This change does not require prior NRC approval in accordance with 10 CFR 50.59(C)(1).
E-16-0002 Rev. 000	DMWO	3426436	New 525 KV Delaney transmission line is added to PVNGS switchyard.	This change does not require prior NRC approval in accordance with 10 CFR 50.59(C)(1).
E-16-0003 Rev. 000	CALC	13-JC-HP-0200	Widen containment hydrogen monitoring indication tolerances.	This change does not require prior NRC approval in accordance with 10 CFR 50.59(C)(1).

PVNGS 10 CFR 50.59 and 10 CFR 72.48 Report (January 2016 through December 2016)

Log	Doc Type	Doc Number	Description	Summary
E-16-0005 Rev. 000	SEP	28079-001-001	Implement vendor procedure to test various sizes of NETCO-SNAP-IN® non-borated test inserts to provide a basis for determining the appropriate size of the wing width that will allow a successful installation of inserts into most spent fuel pool cell locations.	This change does not require prior NRC approval in accordance with 10 CFR 50.59(C)(1).
E-16-0006 Rev. 000	STDY	13-MS-A154	Summarize the design and licensing basis for components important to safety that are exposed to tornado-generated missiles.	This change does not require prior NRC approval in accordance with 10 CFR 50.59(C)(1).
72.48 E-16-001 Rev. 000	EDC	2016-00369	Reduce the minimum required transportable storage canister shield lid weld size from 3/8" to 5/16".	This change does not require prior NRC approval in accordance with 10 CFR 50.59(C)(1).

Acronym/Abbreviation List

- CALC - Calculation
- DMWO - Design Modification Work Order
- EDC - Engineering Document Change
- LDCR - Licensing Document Change Request
- PROC - Procedure
- SEP - Special Engineering (Vendor) Procedure
- STDY - Study
- TMWO - Temporary Modification Work Order