



10 CFR 50.59 / 10 CFR 72.48

102-07045-TNW/TMJ  
May 15, 2015

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, 2014 through December 31, 2014. The Commitment Change Report is for the period of June 28, 2014, through December 31, 2014. Please note that the Commitment Change Report for the period of January 1, 2014, through June 27, 2014, was included in the June 27, 2014 submittal (ADAMS Accession Number ML14184B413).

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. This report contains the evaluations written during 2014, regardless of the implementation status of the evaluated action, and is included as an enclosure to this letter.

In accordance with 10 CFR 72.48(d)(2), APS is reporting that there were no changes completed during the period that were 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 commitment changes made during the period mentioned above that were not otherwise reported.

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, Regulatory Affairs, Section Leader, at (623) 393-3495.

Sincerely,

Thomas N. Weber  
Department Leader, Regulatory Affairs

TNW/TMJ/hsc

Enclosure: 10 CFR 50.59 and 10 CFR 72.48 Report January 2014 - December 2014

IE47  
NMSS24

ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Annual 10 CFR 50.59, 10 CFR 72.48, and Commitment Change Report  
Page 2

cc: M. L. Dapas      NRC Region IV Regional Administrator  
M. M. Watford      NRC NRR Project Manager  
C. A. Peabody      NRC Senior Resident Inspector for PVNGS  
M. D. Lombard      Director, Division of Spent Fuel Management

**ENCLOSURE**

**PALO VERDE NUCLEAR GENERATING STATION**

**10 CFR 50.59 and 10 CFR 72.48 Report**

**January 2014 - December 2014**

## 10 CFR 50.59 and 10 CFR 72.48 REPORT (JANUARY 2014 through DECEMBER 2014)

Log	Doc Type	Doc Number	Description	Summary
E-13-0004 Rev. 0	LDCR	2014-F002 2014-F003	The piping, valves, and fittings provided for injection of hydrogen into the charging pump discharge line of the Chemical and Volume Control System system will be removed and the connecting tee on the charging line replaced with a straight pipe segment.	This change does not require prior NRC approval in accordance with 10 CFR 50.59(c)(1).
E-14-0001 Rev. 0	STDY CALC PROC LDCR	13-MS-B094 Rev 1 13-MC-CH-0201 Rev 8 40DP-9ZZ04 Rev 9 2014-F007	Involves issuance of several documents to an engineering study, calculation, operating procedure, and LDCR that implement three interrelated changes pertaining to Refueling Water Tank transfer volume sizing. These changes include (1) accounting for the postulated single failure of LPSI pump to stop following a Recirculation Actuation Signal, (2) recovering discretionary margin from the conservative Containment Spray pump flow rate previously used in the supporting analysis; and (3) reducing the time critical operator action from 8 minutes to 5 minutes	This change does not require prior NRC approval in accordance with 10 CFR 50.59(c)(1).
E-14-0002 Rev. 0	DMWO	3232547	Replacement of the normal inverters and addition of a swing inverter will continue to provide four independent Class 1E, 120V vital instrumentation and control Alternating Current power supplies.	This change does not require prior NRC approval in accordance with 10 CFR 50.59(c)(1).
E-13-0001 Rev. 1	DMWO	3270069	The Legacy Honeywell Plant Computer (PC) System and associated software are being replaced with a new Rolls Royce System. The proposed change is applicable to Units 1, 2, and 3.	This change does not require prior NRC approval in accordance with 10 CFR 50.59(c)(1).
E-14-0003 Rev. 0	DMWO	3286783	The legacy Main Generator Excitation and Voltage Regulator System (GENERREX) is to be replaced with a new General Electric (GE) digital excitation control system (EX2100e).	This change does not require prior NRC approval in accordance with 10 CFR 50.59(c)(1).

<b>Log</b>	<b>Doc Type</b>	<b>Doc Number</b>	<b>Description</b>	<b>Summary</b>
E-14-0005 Rev. 0	CALC LDCR	13-MC-ZZ-0633 R13 13-MC-ZZ-0594 R7 2014-F051	Document the addition of two Safety Injection system High Energy Line Break locations and associated evaluation of effects into the design bases	This change does not require prior NRC approval in accordance with 10 CFR 50.59(c)(1).

**ACRONYMN/ABBREVIATION LIST**

DMWO Design Modification Work Order

LDCR Licensing Document Change Request

PROC Procedure

STDY Study

**NOTE:** There were no 10 CFR 72.48 evaluations in 2014.