



102-07238 TNW/TMJ  
May 6, 2016

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, 2015, through December 31, 2015. The Commitment Change Report is for the period of January 1, 2015, through December 31, 2015.

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 2015, regardless of the implementation status of the evaluated action, and is included as Enclosure 1 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 two NRC commitment changes made during the referenced time period as described in Enclosure 2 to this letter. Other commitment changes made during 2015 that were reported in separate correspondence are not included in Enclosure 2.

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/akf

Enclosures: 1. 10 CFR 50.59 and 10 CFR 72.48 Report January 2015 – December 2015  
2. Commitment Change Report January 2015 – December 2015

# **ENCLOSURE 1**

**PALO VERDE NUCLEAR GENERATING STATION**

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

**January 2015 - December 2015**

**10 CFR 50.59 and 10 CFR 72.48 REPORT (JANUARY 2015 through DECEMBER 2015)**

<b>Log</b>	<b>Doc Type</b>	<b>Doc Number</b>	<b>Description</b>	<b>Summary</b>
E-14-0003 Rev.001	DMWO	3286783	THE LEGACY MAIN GENERATOR EXCITATION AND VOLTAGE REGULATOR SYSTEM (GENERREX) 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).
E-15-0002 Rev. 000	DMWO	4096894	THE DIGITAL ASSET PROTECTION SYSTEM (DAPS) 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-07-0006 Rev. 005	DMWO	2859190	THE MODIFICATION WILL REMOVE THE EXISTING 90VR PANEL THAT INCLUDES THE AUTOMATIC AND MANUAL VOLTAGE REGULATORS, THE MOTOR OPERATED POTENTIOMETERS (MOP) MOUNTED ADJACENT TO THE 90VR AND INSTALL A NEW 90VR PANEL THAT CONTAINS TWO AVRS AND TWO DIGITAL REFERENCE UNITS (DRU) AS REPLACEMENT FOR THE MOPS	THIS CHANGE DOES NOT REQUIRE PRIOR NRC APPROVAL IN ACCORDANCE WITH 10 CFR 50.59(C)(1).
E-15-0001 Rev. 000	DEC	00494.R001	THE PROPOSED ACTIVITY IS TO ISSUE DEC-00494, REVISION 1, WHICH ACCEPTS AS-IS THE ORIGINAL ALLOY 600 NOZZLE REMNANT (WITH A FLAWED ALLOY 82 J-GROOVE WELD AND BOAT SAMPLE REMOVED) INSIDE THE REACTOR VESSEL AT BOTTOM MOUNTED INSTRUMENTATION (BMI) PENETRATION #3 FOR THE REMAINDER OF THE UNIT 3 LICENSED OPERATING LIFE.	THIS CHANGE DOES NOT REQUIRE PRIOR NRC APPROVAL IN ACCORDANCE WITH 10 CFR 50.59(C)(1).
E-13-0001 Rev. 002	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).

## 10 CFR 50.59 and 10 CFR 72.48 REPORT (JANUARY 2015 through DECEMBER 2015)

Log	Doc Type	Doc Number	Description	Summary
E-15-0004 Rev. 000	CALC PROC	13-JC-SF-0202 900P-9SF01	PROCEDURES AND A CALCULATION ARE BEING REVISED TO SUPPORT ALLOWING A GIVEN CEA TO BE HELD ON THE LOWER GRIPPER (LG) INSTEAD OF THE UPPER GRIPPER (UG).	THIS CHANGE DOES NOT REQUIRE PRIOR NRC APPROVAL IN ACCORDANCE WITH 10 CFR 50.59(C)(1).
E-15-0004 Rev. 001	CALC PROC	13-JC-SF-0202 400P-9SF01	CALCULATION 13-JC-SF-0202, PROCEDURE 400P-9SF01, CLARIFICATION WAS ADDED THAT PROCEDURES IMPLEMENTING SOME ASPECTS OF TS LCO 3.1.7 FOR CEAS THAT ARE HELD BY THE LOWER GRIPPER ALSO HAVE A SLIGHTLY DIFFERENT POSITION REQUIREMENT.	THIS CHANGE DOES NOT REQUIRE PRIOR NRC APPROVAL IN ACCORDANCE WITH 10 CFR 50.59(C)(1).
E-14-0003 Rev. 002	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).
E-15-0003 Rev. 000	PROC	73TI-9CH08	THE PROPOSED ACTIVITY IS TO IMPLEMENT TEST INSTRUCTION (TI) PROCEDURE 73TI-9CH08, CHARGING PUMP SUCTION PRESSURE DATA COLLECTION.	THIS CHANGE DOES NOT REQUIRE PRIOR NRC APPROVAL IN ACCORDANCE WITH 10 CFR 50.59(C)(1).
E-15-0005 Rev. 000	TMWO	4712119	IMPLEMENT TEMPORARY MODIFICATION WORK ORDER (TMWO) 4712119 PERTAINING TO THE MOVEMENT OF NEW FUEL ASSEMBLY P2Y107 AT CORE LOCATION C03 FROM THE REACTOR VESSEL TO THE FUEL TRANSFER MACHINE. THIS IS A ONE-TIME EVOLUTION TO BE PERFORMED DURING THE U2R19 REFUELING OUTAGE.	THIS CHANGE DOES NOT REQUIRE PRIOR NRC APPROVAL IN ACCORDANCE WITH 10 CFR 50.59(C)(1).

**NOTE:** There were no 10 CFR 72.48 Evaluations in 2015.

### ACRONYM/ABBREVIATION LIST

CALC Calculation  
 DMWO Design Modification Work Order  
 LDCR Licensing Document Change Request  
 PROC Procedure  
 STDY Study  
 TMWO Temporary Modification Work Order

## **ENCLOSURE 2**

**PALO VERDE NUCLEAR GENERATING STATION**

**Commitment Change Report**

**January 2015 – December 2015**

**COMMITMENT CHANGE 15-C003**

The commitment change related to NRC Order EA-05-007 was finalized December 21, 2015.

**Commitment Number:** RCTSAI 2820524

**Source Document(s):** APS Letter 102-05317 response to NRC Order EA-05-007

**Existing Commitment Description:**

NRC Order EA-05-007 (dated July 19, 2005) modifies PV's license for the transportation of radioactive material quantities of concern (RAMQC) and requires implementation of the order 90 days prior to PV's first RAMQC shipment. To ensure compliance with the order, a note will be added referencing NCR Order EA-05-007 in station procedure 76RP-0RW07 "Shipping Radioactive Material" as well as the list of isotopes/limits identified in the order.

**Revised Commitment Description:**

This RCTSAI can be changed from an Active Y commitment to Active N closed as the NRC issued a rescission of the order.

**Justification of Change:**

The NRC rescission of order EA-05-007, "Order Imposing Additional Security Measures" dated 6/3/2015 had been evaluated by Security and Program Standards under evaluation 15-05745-002. This evaluation concluded the commitment to the rescinded Order was no longer necessary due to the regulatory requirements of 10 CFR Part 37. Procedures have been adjusted accordingly.

**COMMITMENT CHANGE 15-C005**

The commitment change related to SIT level monitoring was finalized December 21, 2015.

**Commitment Number:** RCTSAI 3235215

**Source Document(s):** Generic Letter 2008-01 response letter 102-05910-JHH/DLK, 10/14/2008

**Existing Commitment Description:**

Procedure 40DP-9OP06 will be revised to provide guidance on the amount of SIT level change that should be considered abnormal and require entry into the CAP to assess the cause of the leak and the potential for void formation when the threshold is exceeded. This corrective action is scheduled to be completed by January 15, 2009.

**Revised Commitment Description:**

Procedures will provide guidance on the amount of SIT level change that should be considered abnormal and require entry into the CAP to assess the cause of the leak and the potential for void formation when the threshold is exceeded.

**Justification of Change:**

Originally the RCTSAI was to credit the Operations Repetitive Task Program, 40DP-9OP06, with the monitoring of the SIT levels by the STAs on shift. Operations, Engineering, Operations Standards, and Regulatory Affairs discussed the feasibility of transferring the guidance to the trending performed by the system engineers. This change would remove redundancy of tracking, trending and documenting while improving Operational Focus in the control room.