



102-07077-TNW/DCE  
July 15, 2015

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

ATTN: Document Control Desk  
11555 Rockville Pike  
Rockville, MD 20852

References:

1. Arizona Public Service Company (APS) letter number 102-07037, *Palo Verde Nuclear Generating Station Unit 3, Docket No. STN 50-530, Transmittal of Proprietary Documents for Relief Request 53*, dated April 17, 2015, Agencywide Documents Access and Management System [ADAMS] Accession Number ML15111A289
2. APS letter number 102-07034, *Palo Verde Nuclear Generating Station Unit 3, Docket No. STN 50-530, American Society of Mechanical Engineers (ASME) Code, Section XI, Request for Approval of an Alternative to Flaw Removal - Relief Request 53*, dated April 17, 2015, ADAMS Accession Number ML15111A429
3. APS letter number 102-07085, *Palo Verde Nuclear Generating Station Unit 3, Docket No. STN 50-530, Transmittal of Updated Proprietary Documents for Relief Request 53*, dated July 15, 2015

Dear Sir:

Subject: **Palo Verde Nuclear Generating Station (PVNGS) Unit 3  
Docket No. 50-530  
Transmittal of Non-Proprietary Documents for Relief Request  
53**

On April 17, 2015, pursuant to 10 CFR 50.55a(z)(1), Arizona Public Service Company (APS) submitted References 1 and 2 for Nuclear Regulatory Commission (NRC) approval of Relief Request 53. The letters provided proprietary documents and non-proprietary documents, respectively. Reference 3 provides five updated proprietary versions of the proprietary documents provided in Reference 1.

This letter transmits non-proprietary versions of the documents contained in the Enclosures to References 1 and 3.


There are no commitments made to the NRC by this letter.

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U.S. Nuclear Regulatory Commission  
Transmittal of Non-Proprietary Documents for Relief Request 53  
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If you have any questions or require additional information, please contact Michael D. Dilorenzo, Nuclear Regulatory Affairs Department Leader, at (623) 393-3495.

Sincerely,

A handwritten signature in black ink, appearing to read "Thomas N. Weber". The signature is fluid and cursive, with the first name "Thomas" being more legible than the last name "Weber".

Thomas N. Weber  
Nuclear Regulatory Affairs Department Leader

TNW/DCE/akf

Enclosure: Non-Proprietary Documents for Relief Request 53

cc (w/ enclosure):

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

**ENCLOSURE**

**Non-Proprietary Documents for Relief Request 53**

On April 17, 2015, pursuant to 10 CFR 50.55a(z)(1), Arizona Public Service Company (APS) submitted References 1 and 2 for Nuclear Regulatory Commission (NRC) approval of Relief Request 53. The letters provided proprietary documents and non-proprietary documents, respectively. Reference 3 provides five updated proprietary versions of the proprietary documents provided in Reference 1.

The attachments to this Enclosure provide non-proprietary documents provided in References 1 and 3. The updated proprietary documents in Reference 3 identify the proprietary content portions of the documents that have been removed in Attachments 2 through 6 of this Enclosure. This identification was not provided in the original transmittal of the documents in Reference 1.

The attachment numbers used in this Enclosure correlate to those provided in the enclosures to References 1 and 3. Attachment 1 of this enclosure is a placeholder to preserve the attachment number correlation among the attachments. The original document listed in Attachment 1 was provided in Reference 2 as a non-proprietary version.

- Attachment 1 – Westinghouse Document DAR-MRCDA-15-6-NP, Rev. 1, *Palo Verde Unit 3 RCS Cold Leg Alloy 600 Small Bore Nozzle Repair*
- Attachment 2 – Westinghouse Calculation CN-MRCDA-15-13-NP, Rev. 0, *Qualification of Palo Verde Unit 3 Reactor Coolant Pump Replacement Instrumentation Nozzle*
- Attachment 3 – Westinghouse Calculation CN-PAFM-15-20-NP, Rev. 2, *Palo Verde Unit 3 RCS Cold Leg Alloy 600 Small Bore Nozzle Repair Transient Stress and Fracture Mechanics Evaluation for One Cycle Operation*
- Attachment 4 – Westinghouse Calculation TR-FSE-15-2-NP, Rev. 1, *Palo Verde Nuclear Generating Station Unit 3 Evaluation of Potential Loose Part – Reactor Coolant Pump Instrument Nozzle Weld Fragment*
- Attachment 5 – Westinghouse Letter, LTR-ME-15-30-NP, Rev. 2, *ASME Code Section XI Reconciliation for Arizona Public Service (APS), Palo Verde Nuclear Generating Station (PVNGS) Unit 3 Replacement Instrument Nozzle*
- Attachment 6 – Westinghouse Calculation CN-NPE-06-XXXX-03-NP, Rev. 1, *Plant X - Structural Evaluations of the RCP Pressure Tap Nozzles*
- Attachment 7 – Drawings Referenced in Responses to NRC Questions
  - C-8000-101-2017- NP, Rev 2, *Wall Static Pressure Suction*
  - STD-009-0009-NP, Rev. 2, *Coolant Pumps Weld Joint Identification and Fabrication Requirements*

- DWG 339-0054-NP, Rev. 0, *Safe End Mach. Of Pressure Tap Holes and Weld Prep. (Suction)*
- C-14473-220-002-NP, Rev. 0, *Replacement Pressure Tap Nozzle*
- E-14473-220-001-NP, Rev. 0, *Pump Casing – A Pressure Tap Nozzle Modification Assembly*
- SE-14473-220-003-NP, Rev. 0, *Pressure Tap Nozzle Replacement Palo Verde Unit 3*

References:

1. Arizona Public Service Company (APS) letter number 102-07037, *Palo Verde Nuclear Generating Station Unit 3, Docket No. STN 50-530, Transmittal of Proprietary Documents for Relief Request 53*, dated April 17, 2015, Agencywide Documents Access and Management System [ADAMS] Accession Number ML15111A289
2. APS letter number 102-07034, *Palo Verde Nuclear Generating Station Unit 3, Docket No. STN 50-530, American Society of Mechanical Engineers (ASME) Code, Section XI, Request for Approval of an Alternative to Flaw Removal - Relief Request 53*, dated April 17, 2015, ADAMS Accession Number ML15111A429
3. APS letter number 102-07085, *Palo Verde Nuclear Generating Station Unit 3, Docket No. STN 50-530, Transmittal of Updated Documents for Relief Request 53*, dated July 15, 2015

**Attachment 1**

**Westinghouse Document DAR-MRCDA-15-6-NP, Rev. 1, *Palo Verde Unit 3 RCS Cold Leg Alloy 600 Small Bore Nozzle Repair***

Note:

This attachment was inserted for the sake of preserving the correlation between the attachment numbers of this Enclosure and those of the referenced letters. No document is attached.