



10 CFR 21.21

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102-06740-JJC/DCE
July 26, 2013

U.S. Nuclear Regulatory Commission
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Rockville, MD 20852

Reference: Palo Verde Nuclear Generating Station Interim Part 21 Report for Flowserve Four Inch Regulating Valve, Letter 102-06618, dated November 9, 2012, NRC Log Number 2012-51-00

Dear Sir:

Subject: Palo Verde Nuclear Generating Station (PVNGS)
Units 1, 2, and 3
Docket No. STN 50-528, STN 50-529, and STN 50-530
License No. NPF 41, NPF 51, and NPF 74
Closure of Part 21 Interim Report for Flowserve Four Inch Regulating Valve

Pursuant to the requirements of 10 CFR Part 21, APS submitted the Interim Report (Reference) regarding an evaluation of an apparent deviation which could not be completed within 60 days from the discovery. The apparent deviation of a basic component involved a four inch regulating valve that would not fully close during post installation calibration. The regulating valve is used to control essential chilled water system chiller refrigerant pressure.

APS completed the required evaluation based on inspections by the supplier, Flowserve US, Inc. The evaluation concluded the regulating valve would not fully close during calibration because the valve stem guide had become dislodged from the normal installed position. This is postulated to have occurred as a result of a fluid pressure surge inside the valve caused by incomplete venting of the valve prior to initiating water flow through the valve during calibration.

Since the inability of the regulating valve to fully close during calibration resulted from maintenance activities during valve installation, no deviation in a

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102-06740-JJC/DCE

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Page 2

basic component existed and the condition is no longer subject to an evaluation pursuant to 10 CFR Part 21. Therefore, the referenced interim report may be closed with no additional action required.

The 10 CFR 50, Appendix B, supplier and affected components described in the referenced interim report are provided below:

Supplier

Flowserve US, Inc.
1900 S SAUNDERS STREET
Raleigh, NC 27603

Basic Components

Metrex Corporation Four Inch Refrigerant Pressure Actuated Water
Regulating Control Valve, Model MM3130B-11M
Flowserve Part Number: 04002262

Metrex Corporation Alternative Bypass Stem Kit for Model MM3130B-11M
Metrex Part Numbers 27M-245A, 1K5-14, 45M-744 and 4K1-50
Flowserve Part Number: 04113854XXXXXXXX

In accordance with 10 CFR 50.4, copies of this report are being forwarded to the Nuclear Regulatory Commission (NRC) Regional Office, NRC Region IV, and the Senior Resident Inspector. If you have questions regarding this submittal, please contact Mark McGhee, Operations Support Manager, Regulatory Affairs, at (623) 393-4972.

Arizona Public Service Company makes no commitments in this letter.

Sincerely,



JJC/DCE/hsc

cc:	E. E. Collins Jr.	NRC Region IV Regional Administrator
	J. K. Rankin	NRC NRR Project Manager for PVNGS
	J. P. Reynoso	NRC Senior Resident Inspector for PVNGS