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102-08017-BJR/LMW  
November 15, 2019

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

Dear Sirs:

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  
Interim 10 CFR 21 Report for Masoneilan Model 8005N  
Transducer**

Enclosed please find an interim report for an apparent deviation on a basic component identified during pre-installation testing of a Masoneilan Model 8005N transducer supplied by Dresser, LLC. This report is being submitted pursuant to 10 CFR 21.21(a)(2).

In accordance with 10 CFR 50.4, copies of this notification are being forwarded to the NRC Regional Office, NRC Region IV and the Senior Resident Inspector.

No commitments are being made to the NRC by this letter.

If you have any questions or require additional information, please contact Matthew Kura, Regulatory Affairs Department Leader, at (623) 393-5379.

Sincerely,

A handwritten signature in black ink, appearing to read "B. J. Rash", is written over a large, faint, circular watermark or stamp.

BJR/LMW

Enclosure: Interim 10 CFR 21 Report for Masoneilan Model 8005N Transducer

cc: S. A. Morris NRC Region IV, Regional Administrator  
S. P. Lingam NRC NRR Project Manager for PVNGS  
C. A. Peabody NRC Senior Resident Inspector for PVNGS

# **Enclosure**

**Interim 10 CFR 21 Report for Masoneilan  
Model 8005N Transducer**

## **Enclosure**

### **Interim 10 CFR 21 Report for Masoneilan Model 8005N Transducer**

On September 20, 2019, Arizona Public Service Company (APS) documented a deviation in a component associated with a potential defect related to a Masoneilan Model 8005N transducer at Palo Verde Nuclear Generating Station (PVNGS). This interim report is being submitted pursuant to 10 CFR 21.21(a)(2).

APS will complete the evaluation of the deviation by February 14, 2020. The additional time beyond 60 days is necessary because of the effort needed to evaluate the potential effect of the deviation on the safety function of the application that uses this transducer.

Pursuant to 10 CFR 21.21(a)(2), the following information is provided related to the deviation:

During pre-installation testing, five (5) Masoneilan Model 8005N electropneumatic transducers were identified as unable to be calibrated. These transducers are used in the operation of the Atmospheric Dump Valves (ADVs) to permit control of the cooldown rate. The ADVs remove heat from the Reactor Coolant System when the Steam Bypass Control System is not available.

The transducer receives a 4-20 mA signal from the Control Room or Remote Shutdown Panel and translates it to a 3-15 psi output to the positioner. This is accomplished by varying the supply air from 23-30 psi to the appropriate 3-15 psi signal.

Dresser, LLC was contacted and notified that pre-installation calibration could not be successfully performed at PVNGS and the five (5) transducers were returned for evaluation on September 26, 2019.

APS is evaluating results of testing provided by the vendor to complete the evaluation.

The following information is provided:

Vendor:  
Dresser, LLC  
12970 Normandy Blvd  
Jacksonville, FL 32221

Device:  
Transducer, Masoneilan Model 8005N