

## Arizona Public Service Company

P.O. BOX 21666 • PHOENIX, ARIZONA 85036

April 12, 1983  
ANPP-23471-BSK/RQTRECEIVED  
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U. S. Nuclear Regulatory Commission  
Region V  
Creekside Oaks Office Park  
1450 Maria Lane - Suite 210  
Walnut Creek, CA 94596-5368

Attention: Mr. D. M. Sternberg, Chief  
Reactor Projects Branch 1

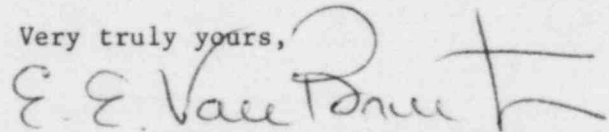
Subject: Final Report - DER 82-81  
A 50.55(e) Reportable Condition Relating to  
R-Class Instruments Were Installed In Lieu Of Q-Class  
In Units 1 and 2 Diesel Generator Buildings  
File: 83-019-026; D.4.33.2

Reference: A) Telephone Conversation between P. Narbut and  
G. Duckworth on December 22, 1982  
B) ANPP-22779, dated January 19, 1983 (Interim Report)  
C) ANPP-23255, dated March 15, 1983 (Time Extension)

Dear Sir:

Attached is our final written report of the Reportable Deficiency under  
10CFR50.55(e), referenced above.

Very truly yours,



E. E. Van Brunt, Jr.  
APS Vice President  
Nuclear Projects Management  
ANPP Project Director

EEVB/RQT:db  
Enclosure  
cc: See Page 2

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Mr. D. M. Sternberg  
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cc: Richard DeYoung, Director  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
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FINAL REPORT - DER 82-81  
DEFICIENCY EVALUATION 50.55(e)  
ARIZONA PUBLIC SERVICE COMPANY (APS)  
PVNGS UNITS 1 & 2

I. DESCRIPTION OF DEFICIENCY

The Waldinger Corporation is the prime HVAC Subcontractor to Bechtel Power Corporation and in turn purchases instruments from Honeywell. Honeywell employees have notified The Waldinger Corporation of the following irregularities in installation of instrumentation in the Units 1 and 2 Diesel Generator Buildings:

- a. Non-quality Class-Q instruments installed in safety-related locations - four (4) in Unit 1 and five (5) in Unit 2.
- b. Instruments have been found deliberately damaged (bent probes) in an attempt to cover up errors.

These irregularities indicate that the other instrumentation provided and installed by Honeywell may not have had all the engineering acceptance criteria identified.

II. ANALYSIS OF SAFETY IMPLICATIONS

This condition is evaluated as Reportable. Improper application and/or damaged instrumentation devices could possibly cause the safety-related HVAC system to malfunction or to be improperly operated. This condition constitutes a safety significant condition as defined by 10CFR50.55(e). The Waldinger Corporation has previously notified the NRC of this condition via a 10CFR Part 21 Report on 12/3/82.

III. CORRECTIVE ACTION

1. All Honeywell instruments (Q, R and S-Class) in Units 1, 2 and 3 will be inspected by Honeywell in accordance with Honeywell Project Engineering Procedures 2.10, 2.11 and 2.12. In addition, Waldinger Quality Control will perform a reinspection of all Q-Class and a sample of R-Class Honeywell instruments (all units).
2. The condition is evaluated as an isolated event.
3. Identified individuals have been dismissed from the jobsite. All Honeywell employees have been instructed in the requirements to report discrepant conditions in accordance with Honeywell Procedure QSP 15.1 rather than attempt to cover up an error by damaging instruments.

Copies of this report will be transmitted to The Waldinger Corporation who, in turn, will notify the responsible Honeywell individuals.