

Arizona Public Service Company

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REGION VICE

November 22, 1982
ANPP-22369-GHD/BSK

U. S. Nuclear Regulatory Commission
Region V
Creekside Oaks Office Park
1450 Maria Lane - Suite 210
Walnut Creek, California

50-528

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

Subject: Interim Report - DER 82-62
A 50.55(e) Potential Reportable Deficiency Relating to
ESFAS D. C. Power Supply Ground Detectors Supplied
By CE Failed Pre-Operational Tests
File: 82-019-026
D.4.33.2

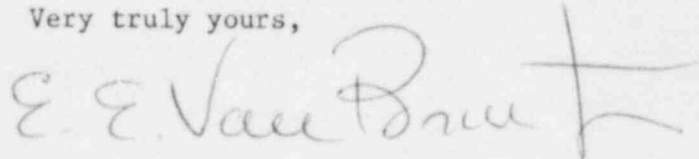
Reference: Telephone Conversation between J. Eckhardt and
G. Duckworth on October 21, 1982

Dear Sir:

The NRC was notified of a potential reportable deficiency in the referenced telephone conversation. At that time, it was estimated that a determination of reportability would be made within thirty (30) days.

Due to the extensive investigation and evaluation required, an Interim Report is attached. It is now expected that this information will be finalized by February 9, 1983, at which time a complete report will be submitted.

Very truly yours,



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

EEVBJr/GHD:db

Enclosure

cc: See Attached Page 2

U. S. Nuclear Regulatory Commission
Attention: Mr. D. M. Sternberg, Chief
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cc: Richard DeYoung, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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INTERIM REPORT - DFR 82-62
POTENTIAL REPORTABLE DEFICIENCY
ARIZONA PUBLIC SERVICE COMPANY (APS)
PVNGS UNITS 1

I. POTENTIAL PROBLEM

Rochester Specification Technical Manual requirements for ESFAS Equipment supplied by Combustion Engineering (CE) as part of the NSSS are:

Fix Deadband: Less than 1% of span (20MV)

Repeatability: $\pm 0.5\%$

Each Ground Detector must monitor the ESFAS DC Power Supplies and alarm when resistance to ground is less than 100K ohms.

During performance testing of subject equipment, Tag No. 92GS-02248 failed to meet performance requirements as follows:

Deadband at 100K ohms was approximately 12K ohms.

Repeatability at 100K ohms was as high as 100% (appeared to worsen with time).

Relays malfunctioned in three (3) out of four (4) units.

II. APPROACH TO AND STATUS OF PROPOSED RESOLUTION

Bechtel is currently corresponding with CE to disposition this item.

III. PROJECTED COMPLETION OF CORRECTIVE ACTION AND SUBMITTAL OF THE FINAL REPORT

Evaluation of this condition and submittal of the Final Report is forecast to be completed by February 9, 1983.