

Arizona Public Service Company

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REGION VISE

August 30, 1983  
ANPP-27685-BSK/RQT

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: Interim Report - DER 83-47  
A 50.55(e) Potentially Reportable Deficiency Relating to Power  
Supplies May Damage Instrument Conductor Penetrations  
File: 83-019-026; D.4.33.2

*54-528, 54-529, 54-530*

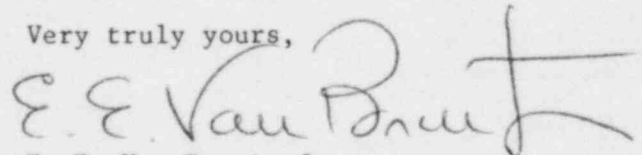
Reference: Telephone Conversation between P. Johnson and R. Tucker on  
July 26, 1983.

Dear Sir:

The NRC was notified of a potentially 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 October 26, 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

EEVB/RQT:sn  
Attachment

cc: See Attached Page Two

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PDR ADOCK 05000528  
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U. S. Nuclear Regulatory Commission  
Page Two

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

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INTERIM REPORT - DER 83-47  
POTENTIAL REPORTABLE DEFICIENCY  
ARIZONA PUBLIC SERVICE COMPANY (APS)  
PVNGS UNIT 1, 2 & 3

I. Potential Problem

A study was conducted to identify all power, control, and instrument penetrations where the power supply has sufficient energy to damage the penetration conductors. The results indicated that for power circuits sufficient primary and backup breakers and/or fuses are provided. Instrument circuits with a high voltage power supply (approx. 2000 volts) were evaluated as the most likely instrument circuits to require backup fuses. The evaluation indicated that sufficient energy was not available to damage penetration conductors, so all instrument circuits were eliminated from the study. For control penetrations 106 cases were identified where sufficient energy was available to damage the penetration conductors so backup fuses are required.

II. Approach To and Status Of Proposed Resolution

APS is corresponding with Bechtel to determine reportability.

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 October 26, 1983.