

50.55(e) Report

Arizona Public Service Company

P.O. BOX 21666 • PHOENIX, ARIZONA 85026

April 4, 1983  
ANPP-23415-BSK/RQT

U. S. Nuclear Regulatory Commission  
Region V  
Creskide 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 83-12  
A 50.55(e) Potentially Reportable Deficiency Relating to GE  
480V MCC Size 2 Starter Add-On Interlocks May Malfunetion  
File: 83-019-026; D.4.33.2

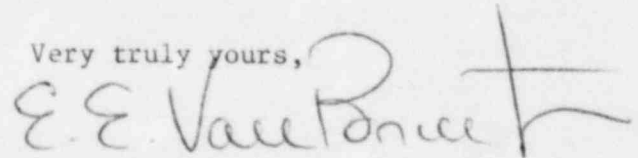
Reference: Telephone Conversation between P. Narbut and G. Duckworth on  
March 9, 1983

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 May 3, 1983, at which time a complete report will be  
submitted.

Very truly yours,



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

EEVB/RQT:db  
Attachment

cc: See Attached Page Two

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U. S. Nuclear Regulatory Commission  
ANPP-23415-RQT/BSK  
Page Two

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

T. G. Woods, Jr.  
G. C. Andognini  
J. R. Bynum  
J. A. Roedel  
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A. C. Rogers  
B. S. Kaplan  
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Institute of Nuclear Power Operations  
Records Center  
1100 Circle 75 Parkway  
Suite 1500  
Atlanta, Georgia 30339

INTERIM REPORT - DER 83-12  
POTENTIAL REPORTABLE DEFICIENCY  
ARIZONA PUBLIC SERVICE COMPANY (APS)  
PVNGS UNITS 1 & 3

I. POTENTIAL PROBLEM

General Electric (GE) has advised Bechtel Power Corporation that an inherent operational deficiency may exist in normally open electric interlocks (GE Part No. CR206D022ZACN) used with Class 1E, Size 2 Starters (see attached GE letter dated 2/9/83). These starters are located in Class 1E 480 Volt Motor Control Centers (MCC's) supplied by GE. The identified MCC's (1-E-PHA-M31, 1-E-PHB-M32 and 3-E-PHB-M34) are used in conjunction with the following safety related equipment:

- 1) Diesel Generator Control Room Essential AHU Fans M-HDA-A01;
- 2) Essential Chilled Water Circulation Pumps M-ECA-P01 and M-ECB-P01;
- 3) Fuel and Auxiliary Building Essential Exhaust AFU Heater M-HFB-E01.

II. APPROACH TO AND STATUS OF PROPOSED RESOLUTION

This condition was conveyed to Bechtel after the GE equipment had been received and all of the qualification documentation completed.

Design Change Package 1SE-PH-034 and 3CE-PH-034 will be issued to implement GE's corrective action plan.

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 May 3, 1983.

INSTALLATION AND  
SERVICE ENGINEERING  
DIVISION

February 9, 1983

Subject: Palo Verde Nuclear Generating Station  
Bechtel Job 10407  
480V Motor Control Centers; EM018  
Auxiliary interlocks

Dear Mr. Bingham:

Please find attached a list of 480V MCC equipment located at the Pa Verde site having Size 2 Starters containing normally open add-on interlocks that potentially may malfunction.

Replacement interlocks are presently being certified at our Mebane Manufacturing Facility. However, before we send these replacements to the site, we will need the necessary Bechtel identification (i.e., DCP #, NCR #, etc.), so that they can be received at the Bechtel Warehouse. Please provide me with this information so that we may proceed with shipment.

In addition, General Electric Engineering Services will provide technical direction to direct Bechtel craft labor in the interlock changeout and therefore, I would appreciate knowing who to contact to schedule the work.

Your assistance in providing me with the necessary information is greatly appreciated.

Thank you.

*Paul S Rinne*  
Paul S. Rinne  
Field Engineering Supervisor  
Apparatus & Engineering Services

cc: Mike Torikan, Bechtel-Downy  
Rich Roessler, GE-Mebane  
John Corbitt, GE-Bloomington  
Les Fickel, GE-Los Angeles  
Norm David, GE-Phoenix

Attachments  
PSR:rmh

184335

JOE LOWERY

FILE EM 018

FEB 11 '83

R		A
	PLAN ORGANIZATION	
	PE STUDIES	
	APE KATH	
	APE BALABARAN	
	APE ALEY	
	RE BLACK	
	COORD 1	
	COORD 2	
	PGE	
	PR	
	PE / MINT / ESQ	
	PA	DA
	ARCH	
	C/S	
	CONTROLS	
	ELECT	
	MAN CH	
	NUCLEAR	
	PLANT DESIGN	
	STR & SUP	
	CLIENT	
	PO FILE	

1E SIZE 2 STARTERS WITH N.O. ADD-ON BLOCK

Customer: Bechtel/Palo Verde  
Customer P.O.: 13-10407-E018-234  
Requisition No.: 480-55032  
G.E. ML No.: 443X015---

Address: P.O. Box 49  
Palo Verde, AZ 85343  
Attention: Field Procurement,  
Jim Croswell

<u>MCC No.</u>	<u>G.E. ML Item No.</u>	<u>Unit Loc.</u>	<u>G.E. Part No.</u>	<u>Qty.</u>	<u>Cust. Unit Ref.</u>	<u>Cust. Device No.</u>
<del>151</del> <sup>1</sup> E-PHA-M31	M02	DR2	CR206D022ZACN	1	M3116	42
		ER1	CR206D022ZACN	1	M3118	42
		ER2	CR206D022ZACN	1	M3113	42
<del>152</del> <sup>1</sup> E-PHB-M32	M03	AR3	CR206D022ZACN	1	M3216	42
		CR2	CR206D022ZACN	1	M3215	42
		BF1	CR206D022ZACN	1	M3204	42
3-E-PHB-M34	M05	BR1	CR206D022ZACN	1	M3423	42