

50.55(e) Report

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HRC

ARIZONA



PUBLIC SERVICE COMPANY

STA. \_\_\_\_\_

P.O. BOX 21666 - PHOENIX, ARIZONA 85036

June 9, 1982  
ANPP-21161-GHD/BSK

REGION V

U. S. Nuclear Regulatory Commission  
Region V  
Creskide Oaks Office Park  
1450 Maria Lane - Suite 210  
Walnut Creek, California 94596-5368

Attention: Mr. T. W. Bishop, Chief  
Reactor Construction Projects Branch

Subject: Interim Report - DER 82-19  
A 50.55(e) Potentially Reportable Deficiency Relating to Class  
1E Motor Control Center by GE Burned Out Due to Protruding  
Screw Puncturing Cable Insulation  
File: 82-019-026  
D.4.33.2

Reference: (A) Telephone Conversion between J. Eckhardt and G. Duckworth  
on April 30, 1982  
(B) Telephone conversation between J. Eckhardt and G. Duckworth  
on June 1, 1982

Dear Sir:

The NRC was notified of a potentially reportable deficiency in Reference (A). At that time, it was estimated that a determination of reportability would be made within thirty (30) days. In Reference (B), the NRC was notified by phone that the deficiency had been evaluated by Bechtel as Not Reportable, therefore no written report was required. Subsequently, due to additional time required to complete their Final Report to APS, Bechtel transmitted an Interim Report on June 3, 1982. It is now expected that this information will be completed by August 19, 1982, at which time a letter confirming final disposition will be submitted.

Very truly yours,

*E. E. Van Brunt*

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

EEVBJr/GHD:db

Enclosure

cc: See Attached Page 2

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PDR ADOCK 05000528  
S PDR

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82-163

U. S. Nuclear Regulatory Commission  
Attention: Mr. T. W. Bishop, Chief  
ANPP-21161-GHD/BSK  
June 9, 1982  
Page 2

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

J. A. Roedel  
D. B. Fasnacht  
G. C. Andognini  
A. C. Rogers  
B. S. Kaplan  
W. E. Ide  
J. Vorees  
J. A. Brand  
A. C. Gehr  
W. J. Stubblefield  
W. G. Bingham  
R. L. Patterson  
R. W. Welcher  
R. M. Grant  
D. R. Hawkinson  
L. E. Vorderbrueggen  
G. A. Fiorelli

Lynne Bernabei, Esq.  
Harmon & Weiss  
1725 "I" Street, NW  
Suite 506  
Washington, D. C. 20006

R. L. Greenfield  
Assistant Attorney General  
Bataan Memorial Building  
Santa Fe, New Mexico 87503

INTERIM REPORT - DER 82-19

POTENTIAL REPORTABLE DEFICIENCY

ARIZONA PUBLIC SERVICE COMPANY (APS)

PVNGS UNIT 1

I. Potential Problem

Class IE General Electric motor control center (MCC-IE-PHA-M31) cubicle PHA-M31i7 shorted out after completing the prerequisite tests and being reinstalled into the MCC. Initially, it was believed that one of the power cables on the back plate was punctured by the protruding end of a mounting screw which attaches the motor contactor.

General Electric's review of this condition did not identify the cause. GE does not believe the self-tapping screw caused the short since it has not experienced any similar conditions during more than 20 years this generic design has been in use. Reference General Electric letter to Bechtel Power Corporation dated 5/18/82, copy attached.

II. Approach To and Status Of Proposed Resolution

Bechtel is currently completing its investigation into this condition.

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 August 19, 1982.

# GENERAL ELECTRIC

Attachment to DER 82-19  
ELECTRIC UTILITY  
SALES DIVISION

GENERAL ELECTRIC COMPANY, 9350 E. FLAIR DR., EL MONTE, CALIFORNIA 91734  
Phone: (213) 572-5200  
MAILING ADDRESS: P.O. BOX 2830, TERMINAL ANNEX, LOS ANGELES, CALIF. 90051

May 18, 1982

Bechtel Power Corporation  
P.O. Box 60860  
Terminal Annex  
Los Angeles, CA 90060

Attn: W. G. Bingham

Subj: Arizona Nuclear Power Project  
480V MCCs  
EM-018  
DER 82-19

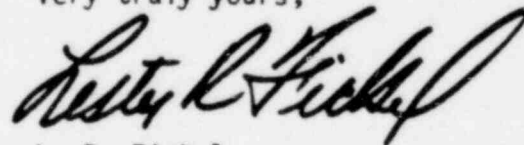
Gentlemen:

This problem was investigated at the site by Mr. R. C. Roessler, Jr. from our Mebane factory.

The type of failure did not appear to be caused by the cable being punctured. A complete examination was not possible because of the equipments inaccessibility. We have requested the unit be returned to Mebane for investigation; however, the unit may have been dismantled and used for parts.

Using historical data as support, we have had no failures of any kind that we are aware of on 7700 line motor control centers which could be attributed to a self tapping mounting screw piercing the insulation on the line cables of those starter units. This design has been utilized since 1960 and over 200,000 units are currently in operation. The units are safe as designed and no action is necessary.

Very truly yours,



L. R. Fickel  
Sales Engineer

167214  
JOB LOG  
FILE EM-018  
MAY 20 '82

3	PL M BINGHAM	
2	PE STELLS	
1	APL REITH	
	APL BALABAN	
	APL ALEY	
	RE BLACK	
	CORROD 1	
	CORROD 2	
	POL	
	PI	
	PE/WHY ESCH	
	PA	DA
	ARCH	
	C/S	
	COUNTERS	
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	NUCLEAR	
	PLANT DESIGN	
	STR & SUP	
	CLIENT	
	PO FILE	