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Docket Nos. 50-528/529/530

ARIZONA



PUBLIC SERVICE COMPANY

STA. 3003

P.O. BOX 21666 - PHOENIX, ARIZONA 85026

50.55(e) Report

October 22, 1981
ANPP-19243-GHD/BSK

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

Attention: Mr. B. H. Faulkenberry, Chief
Reactor Construction and
Engineering Support Branch

Subject: Final Report - DER 81-11
A 50.55(e) Deficiency Evaluation Relating to a
Broken Fiber Contact Base on the Armature of a
Relay in the 4.16 KV Switchgear
File: 81-019-026
D.4.33.2

Reference: (A) Telephone Conversation between J. Eckhardt
and B. S. Kaplan on May 21, 1981
(B) ANPP-18238, dated June 18, 1981 (Interim
Report)
(C) Telephone Conversation between T. Bishop
and G. H. Duckworth on October 15, 1981

Dear Sir:

The NRC, Region V, was previously notified by References (A) and
(B) of a potentially reportable deficiency undergoing further
evaluation. The subject deficiency was subsequently evaluated
as Not Reportable under the requirements of 10CFR50.55(e).
Mr. Bishop was informed of this evaluation by telephone in
Reference (C), and he requested a letter showing this deficiency
as Not Reportable to close out the file.

Attached, is our final written report showing this deficiency to
be an isolated incident and not a significant safety condition.

Very truly yours,

E. E. Van Brunt, Jr.

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

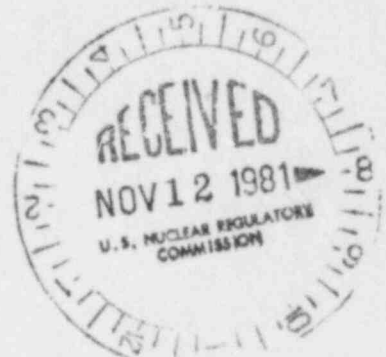
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REGION V FILE

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EEVBJr/GHD:skc
Attachment
cc: See Attached

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81-202

U. S. Nuclear Regulatory Commission
Attention: Mr. B. H. Faulkenberry, Chief
ANPP-19243-GHD/BSK
October 22, 1981
Page 2

cc: Victor Stello, Jr., Director
U. S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Washington, D. C. 20555

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Ms. Patricia Lee Hourihan
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Phoenix, Arizona 85040

FINAL REPORT - DER 81-11
DEFICIENCY EVALUATION 50.55(e)
ARIZONA PUBLIC SERVICE COMPANY (APS)
PVNGS UNIT 1

I. Description of Deficiency

During preparation for a start-up bench test of a General Electric relay supplied as a component of the 4.16 KV switchgear, it was found that the relay had been delivered to the jobsite with the fiber contact base on the armature broken. The relay is located in Cubicle E-PBB-S04N of the subject equipment, and is an essential part of a safety-related system. A definitive reason for the breakage could not be determined. The system had not been activated for testing or service.

II. Analysis of Safety Implications

A review of this deficiency by both Bechtel Engineering and General Electric has determined that the broken fiber contact base was probably caused due to improper handling of the relay while outside of the case and is considered to be an isolated incident. This condition is evaluated as Not Reportable under the requirements and four reportability criteria of 10CFR50.55(e), because (i) it is not a significant breakdown in any portion of the QA program, (ii) it is not a significant deficiency in the final design, (iii) it is not a significant deficiency in construction of, or significant damage to, a structure, system or component which will require extensive repair to meet adequacy of system function to perform its intended safety function, and (iv) it is not a significant deviation from the performance specification which requires extensive evaluation, redesign or repair to establish adequacy of the equipment to perform its intended safety function. This defect would always be detected during any pre-energization start-up activity and would always be corrected during the normal testing operations, and could not remain undetected and/or uncorrected. Also, see attached letter, General Electric to Bechtel Power Corporation, dated September 4, 1981.

III. Corrective Action

Replace the broken fiber contact base.

GENERAL ELECTRIC

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

Attachment to DER 81-11

ELECTRIC UTILITY SALES DIVISION

September 4, 1981

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

Attention: Mr. W. G. Bingham
Project Engineering Manager

Reference: Arizona Nuclear Power Project
Spec. 10407-EM-009
G.E. Req'n. 480-54640
G.E. Shop Order No. 929900
Deficiency Evaluation Report 81-11

Dear Mr. Bingham,

We are submitting the following comments in response to the referenced D.E.R.

Device Affected: 12IFC53B1A

Function Affected: Instantaneous Unit

Problem: Fiber contact base on armature is broken

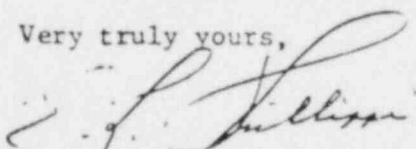
We have investigated the problem as reported and feel that the broken contact base is a chance occurrence and not of a repetitive nature.

The most probable cause of the defect was improper handling of the relay while outside of the case. It would be impossible to determine when or where the unit was damaged with any degree of reliability.

This type defect would be found during any pre-energization type of test, and as such, would not be considered a reportable (10CFR-21) incident.

If you have any questions or desire additional information, please call me.

Very truly yours,


E. L. Phillippi
Customer Service Specialist

ELP:lb

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FILE	
SEP 10 '81	
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PE STENS	
APL ALLEN	
APL HAJARIAN	
APL ALLEY	
RE BLACK	
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COORD 2	
PGE	
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