

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 FACIL: STN-50-528 Palo Verde Nuclear Station, Unit 1, Arizona Public 05000528
 STN-50-529 Palo Verde Nuclear Station, Unit 2, Arizona Public 05000529
 STN-50-530 Palo Verde Nuclear Station, Unit 3, Arizona Public 05000530
 AUTH. NAME AUTHOR AFFILIATION
 VAN BRUNT, E.E. Arizona Public Service Co.
 RECIPIENT NAME RECIPIENT AFFILIATION
 SPENCER, G.S. Region 5, San Francisco, Reactor Construction & Engineer

SUBJECT: Final deficiency rept, originally reported on 801211, re Class
 IE conductors within six inches of non-Class IE conductors
 on six ITE Gould 480 volt load ctr isolation relay cabinets.
 Corrective action will be completed prior to sys startup.

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NOTES: Standardized Plant. 05000528
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ARIZONA



PUBLIC SERVICE COMPANY

P. O. BOX 21666 • PHOENIX, ARIZONA 85036

January 12, 1981
ANPP-17074-BSK/JAR

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U. S. Nuclear Regulatory Commission
Region V
Walnut Creek Plaza - Suite 202
1990 North California Boulevard
Walnut Creek, California 94596

Attention: Mr. G. S. Spencer, Chief
Reactor Construction and
Engineering Support Branch

Subject: A 50.55(e) Reportable Condition Relating to Class IE
Conductors Coming Within Six Inches of Non-Class IE
Conductors on Six ITE Gould 480 Volt Load Center
Isolation Relay Cabinets
Final Report
-File: 81-019-026; D.4.33.2

Reference: Telephone Conversation between J. Eckhardt and B. S. Kaplan
on December 11, 1980 (DER 80-41)

Dear Sir:

Attached, is our final written report of the reportable deficiency, under
10CFR50.55(e) referenced above.

Very truly yours,

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

EEVBJr/BSK:skc

Attachment

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U. S. Nuclear Regulatory Commission
Attention: Mr. G. S. Spencer, Chief
ANPP-17074-BSK/JAR
January 12, 1981
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cc: Victor Stello, Jr., Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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FINAL REPORT
REPORTABLE DEFICIENCY 50.55(e)
ARIZONA PUBLIC SERVICE COMPANY (APS)
PVNGS UNITS #1, #2 and #3

I. Description of Deficiency

Purchase Order Specification 10407-13-EM-017, Paragraph 4.6.15.4, requires that Class IE and non-Class IE wiring shall be terminated on separate uniquely identified terminal boards, separated from each other by a minimum distance of six inches (6").

During installation in Unit #1, six 480 Volt Loadcenter Isolation Relay Cabinets, Numbers IE-PGA-L31I, L33I, L35I and IE-PGB-L32I, L34I and L36I received from ITE Gould on this Purchase Order have locations where the Class IE conductors come within six inches (6") of non-Class IE conductors. Actual separation varies from two inches (2") to five and one-half inches (5½").

Twelve other Class IE 480 Volt Loadcenter Isolation Relay Cabinets received from ITE Gould were inspected for this condition and ten of these units had similar deficiencies to that described above. The identification of these units are as follows:

2E-PGA-L31I, L33I; 2E-PGB-L32I, L34I, L36I; 3E-PGA-L31, L33, L35; and 3E-PGB-L34, L36.

II. Analysis of Safety Implication

This condition is considered reportable based on the following considerations:

1. This condition is in violation of Class IE requirements and if left uncorrected could possibly represent a safety significant condition.
2. This deficiency was overlooked by the supplier's inspection program and delivered to the project jobsite for installation.

III. Corrective Action

The nonconformance will be dispositioned to repair the condition by the following methods:

1. Position the Class IE and non-Class IE Wiring Harnesses more than six inches (6") apart by installing additional supports and/or relocating the termination blocks.
2. If the above method is not possible or practical, a barrier satisfying Code requirements will be provided between the Class IE and the non-Class IE wiring.

This corrective action will be completed prior to system start-up of the identified units.

A copy of Deficiency Evaluation Report 80-41 has been transmitted to the supplier, Gould-Brown Boveri.

