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STN-50-530 Palo Verde Nuclear Station, Unit 3, Arizona Publi 05000530
AUTH.NAME AUTHOR AFFILIATION
VAN BRUNT,E.E. Arizona Public Service Co.
RECIP.NAME RECIPIENT AFFILIATION
KNIGHTON,G. Licensing Branch 3

SUBJECT: Advises that isolation device used for core protection calculator & plant monitoring sys part of protection sys, per 841030 request.Isolation device environmentally qualified for use in environ.

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NOTES:Standardized plant. 05000528
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Arizona Public Service Company

Director of Nuclear Reactor Regulation
Attention: Mr. George Knighton, Chief
Licensing Branch No. 3
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

November 29, 1984
ANPP-31243 TFQ/MAJ

Subject: Palo Verde Nuclear Generating Station (PVNGS)
Units 1, 2 and 3
Docket Nos. STN-50-528/529/530
Qualification of Core Protection Calculator/Plant Monitoring System Data Link
File: 84-056-026; G.1.01.10

References: (1) Letter to G.W. Knighton, NRC, from E.E. Van Brunt, Jr., ANPP, dated September 7, 1984 (ANPP-30465); Subject: Response to NRC Request for Additional Information Concerning (a) Isolation Devices Used Within the Reactor Protection System, (b) Control System Failures Due to High Energy Line Breaks.

(2) Meeting between B.Stevens, NRC, and T.Quan, ANPP, dated October 30, 1984; Subject: Core Protection Calculator (CPC)/Plant Monitoring System (PMS) Data Link Qualification.

Dear Mr. Knighton:

Reference (1) provided the information requested per the July 25, 1984 letter from the staff. Per the Reference (2) meeting, the staff requested ANPP to provide confirmation that the isolation device used for the CPC/PMS is part of the protection system (i.e., device is safety related; environmentally qualified in accordance with 10CFR50.49 and seismically qualified).

In response, the isolation device is part of the protection system and is safety related. The isolation device is located in the control room and cable spreading rooms which are considered a mild post-accident environment (see FSAR Appendix E, Table 3E-1, Pages 3E-7 and 3E-8). The isolation device has been environmentally qualified for use in this environment, and has also been seismically qualified.

Qualification documentation for the isolation device is provided in the DNBR/LPD System Qualification Program Report and is available for review at the ANPP offices.

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It is our understanding that by submittal of this information we have sufficiently resolved and closed out the staff's concerns relating to isolation devices used within the Reactor Protection System.

Very truly yours,

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

EEVBJr/MAJ/no

cc: E.A. Licitra
R.P. Zimmerman
A.C. Gehr
B. Stevens

November 29, 1984
ANPP-31243

STATE OF ARIZONA)
) ss.
COUNTY OF MARICOPA)

I, Donald B. Karner, represent that I am Assistant Vice President, Nuclear Production of Arizona Public Service Company, that the foregoing document has been signed by me on behalf of Arizona Public Service Company with full authority to do so, that I have read such document and know its contents, and that to the best of my knowledge and belief, the statements made therein are true.

Donald B. Karner

Sworn to before me this 29th day of November, 1984.

Nora E. Meador
Notary Public

My Commission Expires:
My Commission Expires April 6, 1987