

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8412200351 DOC.DATE: 84/12/18 NOTARIZED: YES DOCKET #
 FACIL:STN-50-528 Palo Verde Nuclear Station, Unit 1, Arizona Publi 05000528
 STN-50-529 Palo Verde Nuclear Station, Unit 2, Arizona Publi 05000529
 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.W. Licensing Branch 3

SUBJECT: Provides addl info justifying exception from Reg Guide 1.75
 taken in 810525.Amend 4 to FSAR.Reed switch position.
 transmitter circuits identified in Part E to response to Reg
 Guide 1.75 in FSAR Section 1.8 are low energy.

DISTRIBUTION CODE: B001D COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 2
 TITLE: Licensing Submittal: PSAR/FSAR Amdts & Related Correspondence

NOTES:Standardized plant. 05000528
 Standardized plant. 05000529
 Standardized plant. 05000530

| RECIPIENT | | COPIES | | RECIPIENT | | COPIES | |
|----------------------------|----|--------|------|-----------------|----|--------|------|
| ID CODE/NAME | | LTTR | ENCL | ID CODE/NAME | | LTTR | ENCL |
| NRR/DL/ADL | | 1 | 0 | NRR LB3 BC | | 1 | 0 |
| NRR LB3 LA | | 1 | 0 | LICITRA,E | 01 | 1 | 1 |
| INTERNAL: ACRS | 41 | 6 | 6 | ADM/LFMB | | 1 | 0 |
| ELD/HDS3 | | 1 | 0 | IE FILE | | 1 | 1 |
| IE/DEPER/EPB | 36 | 1 | 1 | IE/DEPER/IRB | 35 | 1 | 1 |
| IE/DQASIP/QAB21 | | 1 | 1 | NRR ROE,M.L | | 1 | 1 |
| NRR/DE/AEAB | | 1 | 0 | NRR/DE/CEB | 11 | 1 | 1 |
| NRR/DE/EHEB | | 1 | 1 | NRR/DE/eqb | 13 | 2 | 2 |
| NRR/DE/GB | 28 | 2 | 2 | NRR/DE/MEB | 18 | 1 | 1 |
| NRR/DE/MTEB | 17 | 1 | 1 | NRR/DE/SAB | 24 | 1 | 1 |
| NRR/DE/SGEB | 25 | 1 | 1 | NRR/DHFS/HFEB40 | | 1 | 1 |
| NRR/DHFS/LQB | 32 | 1 | 1 | NRR/DHFS/PSRB | | 1 | 1 |
| NRR/DL/SSPB | | 1 | 0 | NRR/DSI/AEB | 26 | 1 | 1 |
| NRR/DSI/ASB | | 1 | 1 | NRR/DSI/CPB | 10 | 1 | 1 |
| NRR/DSI/CSB | 09 | 1 | 1 | NRR/DSI/ICSB | 16 | 1 | 1 |
| NRR/DSI/METB | 12 | 1 | 1 | NRR/DSI/PSB | 19 | 1 | 1 |
| NRR/DSI/RAB | 22 | 1 | 1 | NRR/DSI/RSB | 23 | 1 | 1 |
| <u>REG FILE</u> | 04 | 1 | 1 | RGN5 | | 3 | 3 |
| RM/DDAMI/MIB | | 1 | 0 | | | | |
| EXTERNAL: BNL (AMDTs ONLY) | | 1 | 1 | DMB/DSS (AMDTs) | | 1 | 1 |
| FEMA-REP DIV | 39 | 1 | 1 | LPDR | 03 | 1 | 1 |
| NRC PDR | 02 | 1 | 1 | NSIC | 05 | 1 | 1 |
| NTIS | | 1 | 1 | PNL GRUEL,R | | 1 | 1 |

Arizona Public Service Company

ANPP-31525-EEVB/WFQ/TFQ
December 18, 1984

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

Subject: Palo Verde Nuclear Generating Station (PVNGS)
Units 1, 2, and 3
Docket Nos. STN 50-528/529/530
Electrical Separation (R.G. 1.75)
File: 84-056-026; G.1.01.10

Reference: Letter from E. E. Van Brunt, Jr., APS, to G. W. Knighton, NRC,
dated May 25, 1981 (ANPP-17856)

Dear Mr. Knighton:

As a result of a request from your staff, APS is providing additional information to justify the exception to Regulatory Guide 1.75 that was taken in Amendment 4 to the FSAR. This FSAR Amendment four exception was submitted by the referenced letter.

The Reed Switch Position Transmitter (RSPT) circuits identified in Part E to the response to Regulatory Guide 1.75 in FSAR Section 1.8 are low energy circuits. Circuit analysis indicates that the maximum fault current would be 5.6 amperes which is less than the 25 ampere rating of the RSPT cabling. Accordingly, a failure in the RSPT cabling could not affect other safety related cables.

Please contact Mr. William Quinn of my staff if you have any further questions on this matter.

Very truly yours,



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

EEVB/TFQ/mb
Enclosure

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

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PDR ADOCK 05000528
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Boo!
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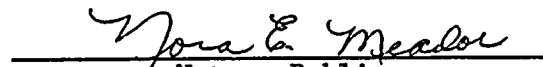
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STATE OF ARIZONA)
) ss.
COUNTY OF MARICOPA)

I, Edwin E. Van Brunt, Jr., represent that I am 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.


Edwin E. Van Brunt, Jr.

Sworn to before me this 18 day of December, 1984.


Notary Public

My Commission Expires:

My Commission Expires April 6, 1987

