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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.
 RECIPI. NAME RECIPIENT AFFILIATION
 TEDESCO, R.L. Assistant Director for Licensing

SUBJECT: Submits clarification inadvertently omitted from 811210 ltr
 re human factors.

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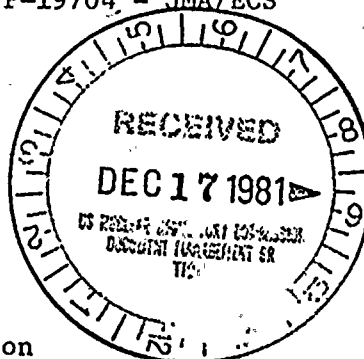
STA. _____

P.O. BOX 21666 - PHOENIX, ARIZONA 85036

December 16, 1981

ANPP-19704 - JMA/ECS

Mr. R. L. Tedesco
Assistant Director of Licensing
Division of Licensing
Office of Nuclear Reactor Regulation
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
File: 81-056-026; G.1.10

Reference: ANPP-19666 from E. E. Van Brunt, Jr., APS, to
R. L. Tedesco, NRC, dated December 10, 1981

Dear Mr. Tedesco:

The following clarification was inadvertently left out of the reference letter resolving human factors concerns:

16. Item C.31 (8-4, 8-6, 8-7, 8-8, 9-4, 9-6)
 - e. 9-6: The incoming voltmeter is used along with the synchroscope for synchronization at the diesel onto the 4.16kv bus. These meters are about 2 to 3 feet from the breaker controls. A value is not read from these indicators; the operator is using them to see that the voltages are approximately equal. Once done the operator uses the synchroscope to determine when to close the breaker. The synchroscope was identified by the control room study as being too far away and will be moved closer to the breaker controls.

If you have any questions, please contact Ed Sterling on (602) 271-7280.

Very truly yours,

J. Allen for

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

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A PDR

EEVBJr/ECS/sam

cc: J. Kerrigan
P. Hourihan

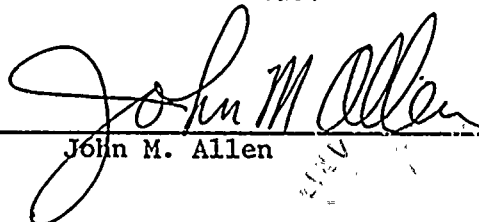
A. C. Gehr
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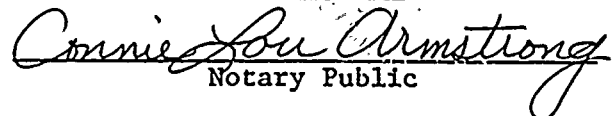
STATE OF ARIZONA)
) ss.
COUNTY OF MARICOPA)

I, John M. Allen, represent that I am Nuclear Engineering Manager of Arizona Public Service Company, that the foregoing document has been signed by me for Edwin E. Van Brunt, Jr., Vice President Nuclear Projects, on behalf of Arizona Public Service Company with full authority so to do, 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.



John M. Allen

Sworn to before me this 16th day of DECEMBER, 1981.



Notary Public

My Commission expires:

June 24, 1983

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