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 FACIL: STN-50-528 Palo Verde Nuclear Station, Unit 1, Arizona Publ 05000528
 STN-50-529 Palo Verde Nuclear Station, Unit 2, Arizona Publ 05000529
 STN-50-530 Palo Verde Nuclear Station, Unit 3, Arizona Publ 05000530
 AUTH. NAME AUTHOR AFFILIATION
 VAN BRUNT, E.E. Arizona Public Service Co.
 RECIP. NAME RECIPIENT AFFILIATION
 KNIGHTON, G. Licensing Branch 3

SUBJECT: Requests change to FSAR Section 17.2, delineating
 responsibility for concurrence & approval for operations QA
 criteria manual. Marked-up FSAR page. encl.

DISTRIBUTION CODE: B001D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 3
 TITLE: Licensing Submittal: PSAR/FSAR Amdts & Related Correspondence

NOTES: Standardized plant. 05000528
 Standardized plant. 05000529
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NRR/DHFS/LQB 32	1 1	NRR/DHFS/PSRB	1 1
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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
REG FILE 04	1 1	RGNS	3 3
RM/DDAMI/MIB	1 0		

EXTERNAL: BNL (AMDTS ONLY)	1 1	DMB/DSS (AMDTS)	1 1
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1. The first part of the report is a general statement of the purpose and scope of the study. It is followed by a brief review of the literature on the subject. The third part of the report is a description of the methods used in the study. This is followed by a presentation of the results of the study. The final part of the report is a discussion of the results and their implications.

The purpose of the study was to determine the effect of the independent variable on the dependent variable. The scope of the study was limited to the following conditions:

The results of the study are presented in the following table:

The results of the study are as follows:

Independent Variable	Dependent Variable	Mean	Standard Deviation	t-value	df	p-value
1	1	1.00	0.00	0.00	1	1.0000
2	2	2.00	0.00	0.00	1	1.0000
3	3	3.00	0.00	0.00	1	1.0000
4	4	4.00	0.00	0.00	1	1.0000
5	5	5.00	0.00	0.00	1	1.0000
6	6	6.00	0.00	0.00	1	1.0000
7	7	7.00	0.00	0.00	1	1.0000
8	8	8.00	0.00	0.00	1	1.0000
9	9	9.00	0.00	0.00	1	1.0000
10	10	10.00	0.00	0.00	1	1.0000
11	11	11.00	0.00	0.00	1	1.0000
12	12	12.00	0.00	0.00	1	1.0000
13	13	13.00	0.00	0.00	1	1.0000
14	14	14.00	0.00	0.00	1	1.0000
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16	16	16.00	0.00	0.00	1	1.0000
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27	27	27.00	0.00	0.00	1	1.0000
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29	29	29.00	0.00	0.00	1	1.0000
30	30	30.00	0.00	0.00	1	1.0000
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44	44	44.00	0.00	0.00	1	1.0000
45	45	45.00	0.00	0.00	1	1.0000
46	46	46.00	0.00	0.00	1	1.0000
47	47	47.00	0.00	0.00	1	1.0000
48	48	48.00	0.00	0.00	1	1.0000
49	49	49.00	0.00	0.00	1	1.0000
50	50	50.00	0.00	0.00	1	1.0000



Arizona Nuclear Power Project

P.O. BOX 52034 • PHOENIX, ARIZONA 85072-2034

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 21, 1984
ANPP-31194 WFQ/TFQ

Subject: Palo Verde Nuclear Generating Station (PVNGS)
Units 1, 2 and 3
Docket Nos. STN-50-528/529/530
FSAR Section 17.2 Change
File: 84-056-026; G.1.01.10

Dear Mr. Knighton:

APS is hereby submitting proposed changes to the PVNGS FSAR Section 17.2 for your review. The proposed changes, as shown on the attached marked-up FSAR page, delineate the responsibility for concurrence and approval for the Operations Quality Assurance Criteria Manual.

Please contact me if you have any questions on this matter.

Very truly yours,

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

EEVBJr/TFQ/no
Attachment

cc: E.A. Licitra w/a
A.C. Gehr w/a
R.P. Zimmerman w/a

8411260230 841121
PDR ADOCK 05000528
A PDR

Boo
11

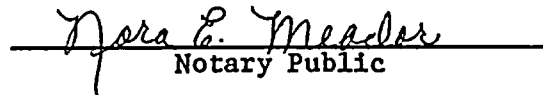
November 21, 1984
ANPP-31194

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 21st day of November, 1984.


Notary Public

My Commission Expires:

My Commission Expires April 6, 1987

1. The first part of the document is a letter from the
2. The second part is a letter from the
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9. The ninth part is a letter from the
10. The tenth part is a letter from the



The responsibility to establish, maintain, and assure proper implementation of the Operations Quality Assurance Program is delegated to the Corporate Quality Assurance Manager. The Executive Vice President, ANPP, shall retain the responsibility for assuring that the authority and independence of the Corporate Quality Assurance Manager are such that he can effectively assure the conformance to quality requirements and is independent of undue influences and responsibilities for schedules and costs. *The Executive Vice President, ANPP, has the responsibility for approving the Operations Quality Assurance Criteria Manual.*

17.2.1.1.3 APS Vice President, Nuclear *Production*

The Vice President, Nuclear *Production* is responsible for startup and operation of the PVNGS, engineering and design support, construction of major modifications, records management, and proper implementation of the Operations Quality Assurance Program for these activities. The Vice President, Nuclear *Production* shall be informed of significant problems and occurrences relating to safety and quality assurance and will participate directly in their resolution, when appropriate. The Vice President, Nuclear *Production* has the authority to stop PVNGS activities which are not accomplished in compliance with applicable license and/or regulatory requirements. Day-to-day responsibilities for Prerequisite and Phase I startup testing have been delegated to the Startup Manager, including responsibility for proper implementation of the quality assurance program. Day-to-day responsibilities for the operation of the PVNGS, commencing with Phase II startup testing, have been delegated to the Manager of Nuclear Operations, including the responsibility for proper implementation of the quality assurance program. Day-to-day responsibility for engineering and design support is delegated to the Nuclear Engineering Manager. Responsibility for activities related to construction of major modifications is delegated to the Nuclear Construction Manager. Responsibility for records management activities is delegated to the Nuclear Records Management Manager. *The Vice President, Nuclear Production has the responsibility for concurring with the Operations Quality Assurance Criteria Manual.*

