

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8206210452 DOC. DATE: 82/06/16 NOTARIZED: YES DOCKET #  
 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  
 TEDESCO, R.L. Assistant Director for Licensing

SUBJECT: Requests clarification of items discussed in NRC 820511  
 status report on control room design review per NUREG-0700.  
 Agreed verification of similarity between plant simulator  
 & control rooms necessary.

DISTRIBUTION CODE: B001S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 3  
 TITLE: PSAR/FSAR AMDTS and Related Correspondence

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

RECIPIENT ID CODE/NAME	COPIES LTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTR ENCL
A/D LICENSING	1 0	LIC BR #3 BC	1 0
LIC BR #3 LA	1 0	LICITRA, E. 01	1 1

INTERNAL: ELD/HDS3	1	0	IE FILE	1	1
IE/DEP EPDS 35	1	1	IE/DEP/EPLB 36	3	3
MPA	1	0	NRR/DE/CEB 11	1	1
NRR/DE/eqb 13	3	3	NRR/DE/GB 28	2	2
NRR/DE/HGEB 30	2	2	NRR/DE/MEB 18	1	1
NRR/DE/MTEB 17	1	1	NRR/DE/QAB 21	1	1
NRR/DE/SAB 24	1	1	NRR/DE/SEB 25	1	1
NRR/DHFS/HFEB40	1	1	NRR/DHFS/LGB 32	1	1
NRR/DHFS/OLB 34	1	1	NRR/DHFS/PTRB20	1	1
NRR/DSI/AEB 26	1	1	NRR/DSI/ASB 27	1	1
NRR/DSI/CPB 10	1	1	NRR/DSI/CSB 09	1	1
NRR/DSI/ETSB 12	1	1	NRR/DSI/ICSB 16	1	1
NRR/DSI/PSB 19	1	1	NRR/DSI/RAB 22	1	1
NRR/DSI/RSB 23	1	1	NRR/DST/LGB 33	1	1
REG FILE 04	1	1	RGN5	2	2

EXTERNAL: ACRS 41	10	10	BNL (AMDTS ONLY)	1	1
FEMA-REP DIV 39	1	1	LPDR 03	1	1
NRC PDR 02	1	1	NSIC 05	1	1
NTIS	1	1			

TOTAL NUMBER OF COPIES REQUIRED: LTR 57 ENCL 52

MAH

1. The first part of the document is a list of names and addresses of the members of the committee. The names are listed in alphabetical order, and the addresses are given in full, including the street, city, and state.

2. The second part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of the secretary. The names are listed in alphabetical order, and the addresses are given in full, including the street, city, and state.

3. The third part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of the treasurer. The names are listed in alphabetical order, and the addresses are given in full, including the street, city, and state.

4. The fourth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of the clerk. The names are listed in alphabetical order, and the addresses are given in full, including the street, city, and state.

5. The fifth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of the recorder. The names are listed in alphabetical order, and the addresses are given in full, including the street, city, and state.

6. The sixth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of the auditor. The names are listed in alphabetical order, and the addresses are given in full, including the street, city, and state.

7. The seventh part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of the assessor. The names are listed in alphabetical order, and the addresses are given in full, including the street, city, and state.

**ARIZONA NUCLEAR POWER PROJECT**  
Post Office Box 21666 Phoenix, Arizona 85036

JUN 17 1982 P2:07  
*WCH*



June 16, 1982  
ANPP-21205 -ECS/GAS

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: 82-056-026; G.1.10

- Ref: (1) NRC Letter from Frank J. Miraglia, NRC to E. E. Van Brunt, Jr., May 11, 1982, Subject: Status Report on the Control Room Design Review of Palo Verde.
- (2) ANPP-19666, December 10, 1981

Dear Mr. Tedesco:

Reference (1) has been reviewed for accuracy with the understanding that the reference (1) document will be used by your staff in auditing the implementation of approved corrective actions on the agreed upon schedules. Review of reference (1) has indicated that the following items be clarified.

The Human Engineering Discrepancies (HED) and their proposed corrective actions on reference (1) are being presented by Arizona Public Service (APS) to your staff for their review and approval as the Detailed Control Room Design Review (DCRDR) required by NUREG-0660, May 1980 and NUREG-0737, November 1980 and not as a Preliminary Design Assessment (PDA), as stated on reference (1). The DCRDR performed by APS, using NUREG CR-1580 as a guideline and reviewed against NUREG-0700, identifies all HEDs at the PVNGS simulator, which is of similar design to each of the plant's control rooms. HEDs identified by the Human Factors Engineering Branch (HFEB) review team during their audit at PVNGS have also been factored into the APS DCRDR. Except for the committed to actions to finish the current study, APS will not be performing another CRDR post-OL since the current study meets the requirements of NUREG-700.

Reference (1) under its discussion section fails to mention that the NRC audit team verified the design similarity between the plant's simulator and the plant's control rooms as stated in the SER. Agreed verification of this similarity between the plant's simulator and plant's control rooms is necessary since the APS DCRDR is based on the fact that the plant's simulator is of similar design to the plant's control rooms.

*B001*

8206210452 820616  
PDR ADDCK 05000528  
A PDR

U. S. NUCLEAR REGULATORY COMMISSION  
DOCKETING & SERVICE BRANCH  
OFFICE OF THE SECRETARY  
OF THE COMMISSION

Document Statistics

Postmark Date Fed express  
Copies Received 1  
Add'l Copies Reproduced 2  
Special Distribution \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Appendix F of reference (1) needs to be clarified as follows. Presently Appendix F states that APS will review items B-4.0.1 and B-4.0.2 as part of the DCRDR (NUREG-0700) and provide the results of its evaluation to your staff. As stated in a previous paragraph of this letter, APS has performed its DCRDR and submitted its results to your staff, therefore items B-4.0.1 and B-4.0.2 need to be listed under Appendix B of reference (1). Under Appendix B these two items will be reviewed further using guidance provided in NUREG-0700. Proposed solutions and implementation schedules for these items will be submitted to your staff for approval 120 days prior to issuance of an operating license.

Clarification needs to be made with respect to the following items in Appendix B of reference (1):

B-4.0.1	B-6.0.1(a)
B-5.0.2	B-6.0.1(b)
B-5.0.3	B-7.0.1
B-5.0.4	B-7.0.2
B-5.0.5	B-7.0.4
B-5.0.6	B-7.0.7
B-5.0.7	B-7.0.8
B-5.0.8	B-7.0.9
B-5.0.15	B-8.0.1

The listed items will not be further reviewed using the guidance provided in NUREG-0700 as presently stated. The listed items will be reviewed per reference (2) attachment, Item 17, "The following items will be reviewed and the results of this review, proposed solutions and an implementation schedule will be provided to the NRC for their review and approval 120 days prior to licensing."

If you have any questions, please contact Guillermo Sanchez at (602) 271-3566.

Very truly yours,

*E. E. Van Brunt*

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

EEVBJr/GAS/br

cc: E. Licitra (NRC)  
L. Bernabei, Esq.  
A. C. Gehr

27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99  
100

STATE OF ARIZONA )  
 ) ss.  
COUNTY OF MARICOPA)

I, A. Carter Rogers, 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 behalf, the statements made therein are true.

A. Carter Rogers

A. Carter Rogers

Sworn to before me this 16<sup>th</sup> day of June, 1982

John B. Ureyatt  
Notary Public

NOTARY  
PUBLIC  
My Commission expires:

March 11, 1986

12345

6789

1

