

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8407100496 DOC.DATE: 84/07/06 NOTARIZED: NO 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. Licensing Branch 3

SUBJECT: Requests that util staffing augmentation times remain as stated in Table 4.2-5 of emergency plan, based on facility remote location & timely activation capability of Satellite Technical Support Ctr.

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 TITLE: Licensing Submittal: PSAR/FSAR Amdts & Related Correspondence

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

RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
NRR/DL/ADL	1 0	NRR LB3 BC	1 0
NRR LB3 LA	1 0	LICITRA,E 01	1 0
INTERNAL: ELD/HDS3	1 0	IE FILE	1 0
IE/DEPER/EPB 36	3 3	IE/DEPER/IRB 35	1 1
IE/DQASIP/QAB21	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	REG FILE 04	1 1
RGN5	3 3	RM/DDAMI/MIB	1 0
EXTERNAL: ACRS 41	6 6	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

The following information was obtained from the records of the  
 Department of the Interior, Bureau of Land Management, on the  
 subject of the land owned by the United States in the  
 State of California, and the same is hereby published for the  
 information of the public.

The following is a list of the land owned by the United States  
 in the State of California, and the same is hereby published for the  
 information of the public.

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 in the State of California, and the same is hereby published for the  
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The following is a list of the land owned by the United States  
 in the State of California, and the same is hereby published for the  
 information of the public.

Section	Range	County	Acres	Owner
1	1	Alameda	100	U.S.
2	1	Alameda	100	U.S.
3	1	Alameda	100	U.S.
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## Arizona Public Service Company

ANPP-29893-EEVB/GEC

July 6, 1984

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

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

Reference: Letter from George W. Knighton (NRC) to E. E. Van Brunt, Jr.  
(APS) dated June 15, 1984 regarding Augmented Shift Staffing  
for Palo Verde Emergency Planning.

Dear Mr. Knighton:

The siting of the Palo Verde Nuclear Generating Station (PVNGS) in a low population zone as a design basis was a major consideration in the decision to build the plant in its present, remote location. PVNGS is located approximately 50 miles from the nearest large population center (i.e., Phoenix, Arizona).

The relative isolation of the plant and the low surrounding population simplifies the implementation of any Protective Actions taken in the event of an emergency. For example, a decision to evacuate the 2-mile radius can be easily implemented considering that the population in the 2-mile radius is less than 40 persons.

The 10-Mile Emergency Planning Zone (EPZ) is largely zoned for agricultural use, with limited supplies of potable water. The present population of this area is very low (less than 3000 persons). Unless unanticipated zoning changes occur, the resident population will not significantly increase. The only significant transient population is the work force at PVNGS, with buses and private vehicles always sufficiently available for evacuation of PVNGS. Two schools (Arlington and Ruth Fisher) are the only institutions in the 10-Mile EPZ, and each always has sufficient buses available for evacuation during school hours. Both schools are at the outer boundary of the EPZ.

However, there is a trade off in the advantages of the PVNGS remote location in that many of the employees (and therefore emergency response personnel) live a distance from the plant. On the PVNGS backshifts and during the weekends it may not be reasonable to assure that adequate emergency response personnel can arrive onsite on time to meet the NUREG-0654, Table B-1, 60 minute staffing goal.

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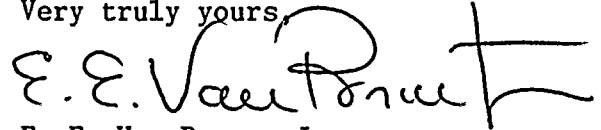


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APS has supplemented its emergency response facilities with a Satellite Technical Support Center (STSC) which is adjacent to the Control Room. The STSC provides sufficient staffing capabilities to perform the major tasks required in the early stages of an emergency. As stated in our letter dated January 20, 1984, the STSC can be activated within 30 minutes of a notification of an emergency at PVNGS and provide notification of emergency response personnel as well as required state, local, and federal governmental agencies. The required communications will be maintained by the STSC until the TSC is activated. The initial dose assessment and direction of the onsite/offsite Field Monitoring Teams will be performed by the STSC.

In view of the advantages of the PVNGS remote location and the timely activation capability of the STSC, APS requests that the PVNGS staffing augmentation times be as presently stated in Table 4.2-5 of the PVNGS Emergency Plan.

Very truly yours,



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

EEVBJr/GEC/mb

cc: A. C. Gehr  
E. A. Licitra  
J. B. Martin  
R. Fish



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Augmented Shift Staffing  
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