

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8110090113 DOC DATE: 81/10/01 NOTARIZED: YES  
 FACILITY: STN-50-528 Palo Verde Nuclear Station, Unit 1, Arizona Public  
 STN-50-529 Palo Verde Nuclear Station, Unit 2, Arizona Public  
 STN-50-530 Palo Verde Nuclear Station, Unit 3, Arizona Public  
 AUTH NAME: AUTHOR AFFILIATION  
 VAN BRUNT, E. E. Arizona Public Service Co.  
 RECIP NAME: RECIPIENT AFFILIATION  
 KERRIGAN, J. Licensing Branch 3

DOCKET #  
 05000528  
 05000529  
 05000530

SUBJECT: Forwards total post-LOCA time/energy rate into spray pond,  
 per 810925 telcon.

DISTRIBUTION CODE: B001S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 3  
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NOTES: Standardized Plant, 1 cy: C. Grimes  
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	CHEM ENG BR 11	1	1	CONT SYS BR 09	1	1
	CORE PERF BR 10	1	1	EFF TR SYS BR12	1	1
	ELDI	1	0	EQUIP QUAL BR13	3	3
	GEOSCIENCES 28	2	2	HUM FACT ENG 40	1	1
	HYD/GEOL BR 30	2	2	I&C SYS BR 16	1	1
	I&EI 06	3	3	IEVEPDB 35	1	1
	IE/EPLB 36	3	3	LIC GUID BR 33	1	1
	LIC QUAL BR 32	1	1	MATL ENG BR 17	1	1
	MECH ENG BR 18	1	1	MPA	1	0
	OP LIC BR 34	1	1	POWER SYS BR 19	1	1
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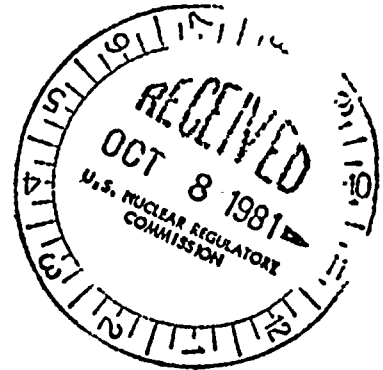
STA. \_\_\_\_\_

P.O. BOX 21666 - PHOENIX, ARIZONA 85036

October 1, 1981  
ANPP-19054-JMA/WFQ

Ms. Janis Kerrigan  
Licensing Branch 3  
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



Dear Janis:

Attached please find a list describing the total post-LOCA energy rates into the PVNGS spray pond as discussed with the HGEB representative by telephone conversation on September 25, 1981.

Please contact me if you have any questions.

Very truly yours,

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

EEVBJr/WFQ:ma

Attachment/

cc: R. B. Codell (NRC/HGEB) (w/a)  
P. Hourihan (w/a)  
A. Gehr (w/a)

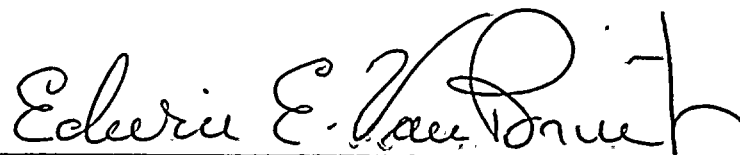
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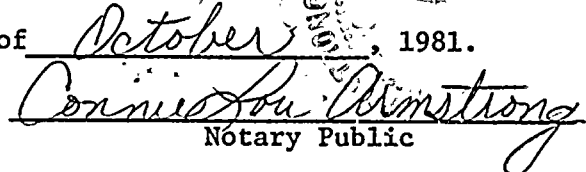
STATE OF ARIZONA     )  
                              ) ss.  
COUNTY OF MARICOPA)

I, Edwin E. Van Brunt, Jr., represent that I am Vice President Nuclear Projects of Arizona Public Service Company, that the foregoing document has been signed by me 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.



Edwin E. Van Brunt, Jr.

Sworn to before me this 5<sup>th</sup> day of October, 1981.

  
Notary Public

My Commission expires:

June 24, 1983



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POST-LOCA  
Energy Rate into Spray Pond

<u>Time</u> <u>(s)</u>	<u>Energy Rate</u> <u>(Btu/hr)</u>
0	$1.91 \times 10^7$
2,060	$1.91 \times 10^7$
2,070	$1.42 \times 10^8$
2,100	$1.52 \times 10^8$
2,890	$1.62 \times 10^8$
4,000	$1.73 \times 10^8$
5,500	$1.84 \times 10^8$
9,000	$1.94 \times 10^8$
22,000	$1.83 \times 10^8$
30,000	$1.73 \times 10^8$
38,000	$1.63 \times 10^8$
48,000	$1.53 \times 10^8$
70,000	$1.42 \times 10^8$
85,000	$1.34 \times 10^8$
95,000	$1.25 \times 10^8$
110,100	$1.15 \times 10^8$
140,000	$1.04 \times 10^8$
180,100	$9.47 \times 10^7$
200,100	$9.13 \times 10^7$
220,100	$8.91 \times 10^7$
300,100	$8.37 \times 10^7$
340,100	$8.04 \times 10^7$
440,100	$7.46 \times 10^7$
550,090	$6.85 \times 10^7$
710,090	$6.53 \times 10^7$
850,080	$6.08 \times 10^7$
1,150,100	$5.59 \times 10^7$
1,800,100	$5.30 \times 10^7$
2,200,100	$5.06 \times 10^7$
2,550,000	$4.94 \times 10^7$
2,600,100	$5.11 \times 10^7$

Basis

Water flow rate to  
spray pond: 16900 gpm  
( $8.418 \times 10^6$  lb/hr)

- 1 Train Running
- 1 Spray Pond Operating

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