



A subsidiary of Pinnacle West Capital Corporation

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Generating Station

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102-05257-CKS/TNW/CJJ  
April 27, 2005

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

Dear Sir:

**Subject: Palo Verde Nuclear Generating Station (PVNGS)  
Units 1, 2, and 3  
Docket Nos. STN 50-528/529/530  
Personnel Monitoring Report for 2004**

Enclosed please find a copy of the Personnel Monitoring Report for 2004 which is submitted pursuant to PVNGS Technical Specification 5.6.1.

No commitments are being made to the NRC in this letter. If you have any questions, please contact Thomas N. Weber at (623) 393-5764.

Sincerely,

  
D.B. Marks for CKS

CKS/TNW/CJJ/ca

Enclosure

cc: B. S. Mallett  
M. B. Fields  
G. G. Warnick  
A. V. Godwin

A member of the STARS (Strategic Teaming and Resource Sharing) Alliance

Callaway • Comanche Peak • Diablo Canyon • Palo Verde • South Texas Project • Wolf Creek

JES4

**ENCLOSURE**

**Personnel Monitoring Reports  
2004**



PVNGS Radiological Records Access Control System  
Annual Exposure Summary Report For Year: 2004

April 27, 2005 05:24

Arizona Public Service Co.  
P.O. Box 52034 Phoenix, AZ 85072-2034

Palo Verde Nuclear Generation Station  
NRC-License No. NPF-41 NPF-51 NPF-74

Work Job Function:	Number of Personnel (>100mR)			Total Man Rem		
	Station Employees	Utility Employees	Contract Workers	Station Employees	Utility Employees	Contract Workers
<b>INSERVICE INSPECTION</b>						
Engineering Personnel	1	0	1	0.327	0.000	0.213
Maintenance Personnel	4	0	21	1.404	0.000	6.859
Operating Personnel	0	0	1	0.235	0.000	0.158
Radiation Protection Personnel	4	0	0	1.663	0.000	0.182
Supervisory Personnel	2	0	0	0.388	0.000	0.000
<b>REACTOR OPERATIONS &amp; SURVEILLANCE</b>						
Engineering Personnel	0	0	0	0.264	0.000	0.007
Maintenance Personnel	0	0	1	0.312	0.000	0.132
Operating Personnel	5	0	0	5.709	0.000	0.061
Radiation Protection Personnel	23	0	9	6.006	0.000	2.673
Supervisory Personnel	2	0	0	0.941	0.000	0.011
<b>REFUELING</b>						
Engineering Personnel	3	0	0	1.149	0.000	0.001
Maintenance Personnel	19	0	32	5.354	0.000	24.580
Operating Personnel	3	0	0	1.372	0.000	0.083
Radiation Protection Personnel	7	0	5	2.305	0.000	1.595
Supervisory Personnel	3	0	2	0.898	0.000	2.695
<b>ROUTINE MAINTENANCE</b>						
Engineering Personnel	9	0	4	4.477	0.000	1.275
Maintenance Personnel	54	0	144	19.970	0.000	65.851
Operating Personnel	12	0	3	4.746	0.000	0.842
Radiation Protection Personnel	43	0	49	14.841	0.000	14.014
Supervisory Personnel	18	0	3	6.098	0.000	1.479
<b>SPECIAL MAINTENANCE</b>						
Engineering Personnel	0	0	2	0.053	0.000	0.948
Maintenance Personnel	0	0	9	0.123	0.000	5.045
Operating Personnel	0	0	0	0.140	0.000	0.040
Radiation Protection Personnel	0	0	0	0.049	0.000	0.094
Supervisory Personnel	0	0	0	0.064	0.000	0.361
<b>WASTE PROCESSING</b>						
Engineering Personnel	0	0	0	0.000	0.000	0.000
Maintenance Personnel	0	0	0	0.003	0.000	0.034
Operating Personnel	0	0	0	0.009	0.000	0.000
Radiation Protection Personnel	4	0	2	1.251	0.000	0.371
Supervisory Personnel	0	0	0	0.018	0.000	0.000
<b>TOTAL</b>						
Engineering Personnel	13	0	7	6.270	0.000	2.444
Maintenance Personnel	77	0	207	27.166	0.000	102.501
Operating Personnel	20	0	4	12.211	0.000	1.184
Radiation Protection Personnel	81	0	65	26.115	0.000	18.929
Supervisory Personnel	25	0	5	8.407	0.000	4.546
<b>Grand Totals:</b>	<b>216</b>	<b>0</b>	<b>288</b>	<b>80.169</b>	<b>0.000</b>	<b>129.604</b>

Total Record TEDE for the Year: 2004

EPD / Calc: 209.773

TLD: 198.976