

PRIORITY 1

(ACCELERATED RIDS PROCESSING)

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9408230233 DOC. DATE: 94/08/11 NOTARIZED: NO DOCKET #
 FACIL: STN-50-530 Palo Verde Nuclear Station, Unit 3, Arizona Publi 05000530
 AUTH. NAME AUTHOR AFFILIATION
 STEWART, W.L. Arizona Public Service Co. (formerly Arizona Nuclear Power
 RECIP. NAME RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

SUBJECT: Forwards "Palo Verde Nuclear Generating Station Unit 3 SG
 Insp Rept."

DISTRIBUTION CODE: A001D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 3+29
 TITLE: OR Submittal: General Distribution

NOTES: Standardized plant.

05000530

RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
PD4-2 LA	1 1	PD4-2 PD	1 1
TRAN, L	2 2		
INTERNAL: ACRS	6 6	NRR/DE/EELB	1 1
NRR/DORS/ONDD	1 1	NRR/DRCH/HICB	1 1
NRR/DRPW	1 1	NRR/DSSA/SPLB	1 1
NRR/DSSA/SRXB	1 1	NUDOCS-ABSTRACT	1 1
OC/LEDCB	1 0	OGC/HDS2	1 0
<u>REG FILE</u> 01	1 1		
EXTERNAL: NOAC	1 1	NRC PDR	1 1

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL
 DESK, ROOM P1-37 (EXT. 504-2083) TO ELIMINATE YOUR NAME FROM
 DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 22 ENCL 20

P
R
I
O
R
I
T
Y

D
O
C
U
M
E
N
T

MA

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
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

Arizona Public Service Company
P.O. BOX 53999 • PHOENIX, ARIZONA 85072-3999

WILLIAM L. STEWART
EXECUTIVE VICE PRESIDENT
NUCLEAR

102-03082-WLS/RAB/JRP
August 11, 1994

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Station P1-37
Washington, DC 20555

Dear Sirs:

Subject: Palo Verde Nuclear Generating Station (PVNGS)
Unit 3
Docket No. STN 50-530
Steam Generator Inspection Report
File: 94-056-026

This letter is being provided to transmit the PVNGS Unit 3 Steam Generator Report (enclosed). Unit 3 was shut down on March 19, 1994 to begin its fourth refueling outage (U3R4). The Unit 3 steam generators were inspected during the refueling outage using Eddy Current Testing (ECT) technology comprised of both bobbin coil probe and motorized rotating pancake coil (MRPC) probe.

The inspection identified a total of 17 tubes with single axial indications (SAIs) in the upper bundle area, one tube in steam generator 31 and 16 tubes in steam generator 32. In addition, six tubes in steam generator 31 and eight tubes in steam generator 32 were also plugged for a total of 31 tubes being plugged during this outage. There were no circumferential indications found by ECT inspection during this period.

Each steam generator was also full bundle chemically cleaned and sludge lanced. During the startup process the steam generators were boric acid crevice flushed and at low power were boric acid soaked. Ethanolamine treatment will be implemented to reduce iron transport to the steam generators. PVNGS has implemented a molar ratio control program which includes reduction of contaminants (sodium and sulfates), while using ammonium chloride to maintain proper Na/Cl ratios. These extensive and aggressive corrective actions have been taken to control the crevice environment in the steam generators.

Based on the corrective actions and inspection results, it can be concluded that operation of Unit 3, until the next scheduled mid-cycle outage, will not constitute a safety concern.

220032

9408230233 940811
PDR ADDCK 05000530
PDR

Aool
11

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Steam Generator Inspection Plan
Page 2

Should you have any questions, please contact Richard A. Bernier at (602) 393-5882.

Sincerely,

A handwritten signature in black ink, appearing to be 'WLS' followed by a stylized flourish or surname.

WLS/RAB/JRP/dpr
Enclosure

cc: L. J. Callan
K. E. Perkins
B. E. Holian
K. E. Johnston

ENCLOSURE

PALO VERDE NUCLEAR GENERATING STATION (PVNGS)

UNIT 3

STEAM GENERATOR INSPECTION REPORT

