



Palo Verde Nuclear
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10.CFR.50.55a

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July 27, 2000

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

Dear Sirs:

**Subject: Palo Verde Nuclear Generating Station (PVNGS)
Unit 3
Docket No. STN 50-530
Unit 3 Second 10-Year Interval – Eighth Refueling Outage (U3R8)
Inservice Inspection (ISI) Summary Report**

Pursuant to 10 CFR 50.55a and IWA-6240 of Section XI of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, 1992 Edition, 1992 Addenda, Arizona Public Service Company (APS) hereby submits the PVNGS Unit 3 Inservice Inspection Report for the eighth refueling outage, provided in the enclosure. This outage, conducted between April 1, 2000 and May 2, 2000, was the first Unit 3 refueling outage of the second interval Inservice Inspection (ISI) program.

No commitments are being made to the NRC by this letter.

Should you have any questions, please contact Scott A. Bauer at (623) 393-5978.

Sincerely,

Paul F. Crawley
for CDM

CDM/AKK/RKB/kg

Enclosure

cc: E. W. Merschoff
M. B. Fields
J. H. Moorman

A047

ENCLOSURE 1

SECOND 10-YEAR ISI INTERVAL

SUMMARY REPORT

EIGHTH REFUELING OUTAGE

PALO VERDE NUCLEAR GENERATING STATION

UNIT 3

PALO VERDE NUCLEAR GENERATING STATION

UNIT 3

INSERVICE INSPECTION REPORT

EIGHTH REFUELING OUTAGE

**ARIZONA PUBLIC SERVICE
5801 S. WINTERSBURG ROAD
TONOPAH, AZ 85354**

PREPARED BY: R.L. BROWNING DATE: 6-15-00
REVIEWED BY: [Signature] DATE: 6-15-00
APPROVED BY: Alan Monow DATE: 6-15-00

COMMERCIAL SERVICE DATE: 01/28/86
REPORT DATE: 06/15/00

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UNIT 3 INSERVICE INSPECTION REPORT

1.0 Introduction

- 1.1 This report is a summary of the ISI examinations performed during the eighth refueling outage at the Palo Verde Nuclear Generating Station (PVNGS) Unit 3. This report also includes all applicable examinations conducted since the last refueling outage. This was the first refueling for Interval 2, Period 1 which was conducted from April 1, 2000 through May 2, 2000. Palo Verde Unit 3 began commercial operation on January 28, 1986.
- 1.2 This report identifies the components examined, the examination methods used, the examination report numbers, and summarizes the examination results for each of the following categories:
 1. ASME Section XI, Class 1 and 2 pressure retaining components and their supports.
 2. Augmented High Energy Piping systems in accordance with PVNGS UFSAR Section 6.6.8.
- 1.3 This report is a summary of the Period 1, 2nd Interval ISI exams performed during the eighth refueling outage. All of the examination report numbers listed in Appendix A for the eighth refueling and examinations performed since the last Summary Report are numbered with 00-3XXX.

2.0 Examination Summary

- 2.1 The evaluation of the results from the ISI examinations indicated the integrity of the systems have been maintained. All discrepancies were corrected or determined "use-as-is" in accordance with PVNGS work control practices and ASME Section XI. Any abnormal conditions detected are listed in Section 7 (Repairs and Replacements).
- 2.2 Various non-rejectable indications were detected during the performance of examinations. These indications were recorded and are maintained on file. No rejectable conditions were detected.

3.0 Examination Techniques

- 3.1 The three types of examinations utilized to perform the Inservice Examinations, along with the actual nondestructive examination techniques, are identified in the legend below:

VT - Visual	VT-1	General Condition
	VT-2	Leakage
	VT-3	Structural Condition/ Operability
S - Surface	PT	Liquid Penetrant
	MT	Magnetic Particle
VOL - Volumetric	UT	Ultrasonic
	RT	Radiographic

- 3.2 All of the nondestructive examinations were performed using specific techniques and procedures that are indicated in ASME Section XI, or alternative examinations that are demonstrated to be equivalent or superior to those identified.

4.0 Accessibility

- 4.1 All items were examined to the extent practical. Any code limitations encountered during the examination are documented in Appendix B.

5.0 Personnel

- 5.1 All nondestructive examinations were performed by Arizona Public Service Co. (APS); or Lambert, MacGill, Thomas, Inc. (LMT). All personnel were certified in accordance with programs written to comply with the applicable requirements of ASME Section XI. Copies of all certifications are maintained on file. The Hartford Steam Boiler Inspection and Insurance Company provided the Authorized Nuclear Inservice Inspector (ANII).

6.0 Equipment and Materials

- 6.1 The equipment and materials utilized were certified to the requirements of ASME Section XI. Copies of all certifications are maintained on file.

7.0 Repairs and Replacements

- 7.1 No repairs or replacements were performed as a result of ISI examination during U3R8. The applicable records and reports for the specific maintenance repair or replacements performed after the last summary report are maintained on file at Palo Verde. The applicable NIS-2 forms are an attachment to Appendix D and are submitted for review with this report.

APPENDIX A

**INSERVICE INSPECTION
SUMMARY REPORT**

APPENDIX A

Definition of Terms

The column headings for the tables on the following pages are defined below:

ASME Item No - The ASME Section XI Category/Item Numbers are listed in the Code, Subsections IWB, IWC and IWE. The item number prefixes are defined below:

AHE -	Augmented high energy systems piping
B -	ASME Class 1 systems
BFLYWH -	Reactor coolant pump flywheels
BIWF -	ASME Class 1 supports
C -	ASME Class 2 systems
CIWF -	ASME Class 2 supports
FR -	10 CFR 50 augmented examinations
E -	Containment Surfaces/Bolting

Zone No -	Area designation per PVNGS design
Comp/Sys -	Component or system description
Insp Per -	Inspection period
Amt Reqd -	Number of items <i>required</i> to be completed in the period
Amt Comp -	Number of <i>required</i> items completed
Item ID -	Item identification per ISI program/zone drawings
Reports (VOL) -	Volumetric exam report number
(SURF) -	Surface exam report number
(VIS) -	Visual exam report number
Remarks -	Re-exam or replacement remarks indicate acceptable examination results

Definition of terms continued

Acc -	Accessible
ADV -	Atmospheric Dump Valve
Aux -	Auxiliary
Atmos -	Atmospheric
CEDM -	Control Element Drive Mechanism
Circ -	Circumferential
Cont -	Containment
CS -	Containment Spray
CSP -	Containment Spray Pump
FW -	Feedwater
HPSI -	High Pressure Safety Injection
HTRS -	Heaters
ICI -	In Core Instrumentation
IEB -	Inspection and Enforcement Bulletin
Letdown HT Exch -	Letdown Heat Exchanger
LPSI -	Low Pressure Safety Injection
MS -	Main Steam
MT -	Magnetic Particle Test
Press Bound -	Pressure Boundary
PSE -	Preservice Examination
PSV -	Pressurizer Safety Valve
PZR -	Pressurizer
RCP -	Reactor Coolant Pump
RCS -	Reactor Coolant System
Reg HT Exch -	Regenerative Heat Exchanger
SD -	Shutdown
SG -	Steam Generator
Snub -	Snubber Reduction Program
Surf -	Surface
UT -	Ultrasonic Testing
Vis -	Visual
Vol -	Volumetric

APPENDIX A

INSERVICE INSPECTION SUMMARY REPORT

ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks				
AHE5.51 & 5.52	47 MS SG1	One	13	13	47-1	00-3443	00-3388						
					47-2	00-3437	00-3388						
					47-4	00-3454	00-3389						
					47-8	00-3453	00-3389						
					47-12	00-3452	00-3389						
					47-16	00-3451	00-3389						
					47-20	00-3450	00-3389						
					47-24	00-3445	00-3388						
					47-25	00-3446	00-3388						
					47-28	00-3428	00-3387						
					47-29	00-3427	00-3387						
					47-30	00-3447	00-3388						
					51 Atmos Dump SG1	One	13	13	51-1	00-3425	00-3205		
									51-2	00-3433	00-3205		
51-3	00-3432	00-3205											
51-4	00-3435	00-3205											
51-5	00-3431	00-3205											
51-6	00-3430	00-3205											
51-7	00-3429	00-3205											
51-8A	00-3424	00-3386											
51-8B	00-3403	00-3205											
51-9	00-3404	00-3205											
51-51	00-3405	00-3205											
51-53	00-3426	00-3205											
51-54	00-3434	00-3205											
53 Steam to Aux FW	One	10	10	53-11					00-3134	00-3110			
				53-12	00-3138	00-3110							
				53-13	00-3137	00-3110		PSE					
				53-14	00-3132	00-3110							
				53-15	00-3130	00-3110							
				53-21	00-3131	00-3110							
				53-22	00-3133	00-3110							
				53-23	00-3129	00-3110							
				53-24	00-3136	00-3110		PSE					
				53-25	00-3135	00-3110							
60 Downcomer SG1	One	9	9	60-7	00-3284	00-3267							
				60-8	00-3285	00-3266							
				60-9	00-3286	00-3268							
				60-11	00-3287	00-3267							
				60-12	00-3288	00-3267							
				60-14	00-3289	00-3267							
				60-15	00-3290	00-3267							
				60-16	00-3291	00-3267							
				60-17	00-3292	00-3267							
				66 Blowdown SG1	One	9	9	66-1	00-3146	00-3093			
66-2	00-3145	00-3093											
66-3	00-3144	00-3093											
66-5	00-3143	00-3093											
66-6	00-3142	00-3093											
66-7	00-3140	00-3093											
66-8	00-3139	00-3093											

APPENDIX A

INSERVICE INSPECTION SUMMARY REPORT

ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
					66-9	00-3141	00-3093		
					66-25	00-3275	00-3206		
AHE 5.81 & 5.82	47 MS SG1	One	7	7	47-3	00-3442	00-3388		
					47-7	00-3441	00-3388		
					47-11	00-3440	00-3388		
					47-15	00-3439	00-3388		
					47-19	00-3436	00-3388		
					47-23	00-3444	00-3388		
					47-27	00-3438	00-3388		
B 1.22	02 Closure Head	One	33%	16%	2-4	00-3417	00-3082		Accessible Areas, RR#14
						00-3419			
						00-3421			
						00-3423			
B 1.30	01 Reactor Vessel	One	50%	50%	1-14	*			Examined 0°-180°
B 1.40	02 Closure Head	One	33%	33%	2-1	00-3416	00-3082		Examined 0°-120°
						00-3418			
						00-3420			
						00-3422			
B 2.11	5 Pressurizer	One	66%	66%	5-2	00-3085			Examined 0°-240°
						00-3087			
						00-3089			
						00-3091			
B2.12					5-3	00-3086			1' long seam for 5-2
						00-3088			
						00-3090			
						00-3092			
B 3.90	01 Reactor Vessel	One	2	2	1-15	*			*Separate Report by Wesdync. Exam
					1-18	*			
B 3.100	01 Reactor Vessel	One	2	2	1-15	*			completed in 3R7
					1-18	*			
B 4.12	02 CEDM	One	8	8	1-97			00-3543	
B 4.13	01 RPV ICI	One	5	5	1-61			00-3543	
B 4.20	05 Pressurizer	One	12	36	1-36			00-3543	
B 6.10	02 Nuts	One	18	18	1 thru 18		00-3200	00-3207	
B 6.30	02 Studs	One	18	18	1 thru 18		00-3200		
B 6.50	02 Washers	One	18	18	1 thru 18			00-3207	

APPENDIX A

INSERVICE INSPECTION SUMMARY REPORT

ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
B 6.180	16 RCP 1A	One	5	5	1 thru 5			00-3209	
	17 RCP 1B	One	5	5	1 thru 5			00-3210	
	18 RCP 2A	One	5	5	1 thru 5			00-3211	
	19 RCP 2B	One	5	5	1 thru 5			00-3212	
B 6.200	16 RCP 1A	One	5	5	1 thru 5			00-3209	
	17 RCP 1B	One	5	5	1 thru 5			00-3210	
	18 RCP 2A	One	5	5	1 thru 5			00-3211	
	19 RCP 2B	One	5	5	1 thru 5			00-3212	
B 7.20	05 Pressurizer	One	20	20	20 studs/nuts			00-3187	
B 7.30	03 SG1	One	40	40	40 studs/nuts			00-3188	
	04 SG2	One	40	40	40 studs/nuts			00-3189	
B 7.50	31 PZR Safeties	One	1	1	PSV200 PSV201 PSV202 PSV203			00-3186 00-3186 00-3186 00-3186	
	37 Charging	One	1	1	V435			00-3254	
B 7.60	16 RCP 1A	One	5	5	1 thru 5			00-3209 00-3113	
	17 RCP 1B	One	5	5	1 thru 5			00-3210 00-3113	
	18 RCP 2A	One	5	5	1 thru 5			00-3211 00-3113	
	19 RCP 2B	One	5	5	1 thru 5			00-3212 00-3113	
	21 SD Cooling A	One	1	1	UV653			00-3006	
B 7.70	24 SI 1B	One	1	1	V543			00-3066	
	25 SI 2A	One	1	1	V540			00-3080	
	26 SI 2B	One	1	1	V225			00-3185	
	28 PZR Spray	One	2	2	V241			00-3028	
		One			V242			00-3028	
	31 PZR Safeties	One	1	1	PSV200			00-3035	
	32 Drain Loop 1A	One	2	2	V234			00-3038	
		One			V334			00-3038	
	37 Charging	One	1	1	PDV240			00-3208	
	39 HPSI	One	1	1	V-523			00-3259	
B 7.80	02 Head	One	1	1	2-21			00-3270	CEDM 92
					2-21			00-3270	CEDM 96
B 8.20	05 Pressurizer	One	66%	66%	5-1	00-3278 00-3279 00-3280 00-3281	00-3069	Examined 0 ^o -240 ^o Code Limited Relief Required	
B 9.11 &	06 RCS Piping	One	7	0	1-27	*			*Separate report by

APPENDIX A

INSERVICE INSPECTION SUMMARY REPORT

ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
9.12					1-30	*			Wesdyne. Exams completed in U3R7
					6-7	*			
					7-7	*			
	22 SD Cooling	One	2	2	22-11		00-3148	00-3108	
					22-23		00-3149	00-3172	
	25 SI 2A	One	2	2	25-26		00-3083	00-3033	
					25-29		00-3084	00-3081	
	26 SI 2B	One	2	2	26-9		00-3190	00-3176	
					26-11		00-3191	00-3175	
	29 PZR Spray	One	2	2	29-10		00-3051	00-3049	
					29-11		00-3052	00-3049	
B 9.21 & 9.22	28 PZR Spray 1A	One	4	4	28-31			00-3070	
					28-32			00-3070	
					28-39			00-3070	
					28-40			00-3070	
	30 Aux PZR Spray	One	2	2	30-1		00-3053		Augmented Augmented
					30-2		00-3053		
					30-4			00-3068	
					30-7			00-3068	
	32 Drain 1A	One	3	3	8-18			00-3034	
					32-1			00-3034	
					32-2			00-3034	
	36 Letdown	One	4	4	36-8			00-3201	
					36-9			00-3201	
					36-28			00-3255	
					36-35			00-3255	
	37 Charging	One	5	5	37-41			00-3202	
					37-42			00-3202	
					37-43			00-3202	
					37-45			00-3202	
					37-47			00-3202	
	39 HPSI A	One	2	2	39-1			00-3204	
					39-5			00-3203	
B 9.32	06 RCS Piping	One	1	1	8-17			00-3030	
	22 SD Cooling	One	1	1	22-7A			00-3107	
B 9.40	32 Drain 1A	One	1	1	32-6			00-3109	
B 10.10	36 Letdown	One	1	1	RC91H5			00-3255	
					RC91H6			00-3255	
B 14.10	02 Head	One	4	4	2-9		00-3060	00-3199	CEDM # 84
							00-3061		
					2-9		00-3062	00-3199	CEDM # 88
							00-3063		
					2-10		00-3064	00-3199	CEDM # 84
					2-10		00-3065	00-3199	CEDM # 88
B 15.10,20,	RCS Piping	One	ALL	ALL	Press Bound			00-3543	

APPENDIX A

INSERVICE INSPECTION SUMMARY REPORT

ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
30,40,50, 60,70								00-3112	Bolting RR 11&12
F 1.10	20 PZR Surge	One	2	2	RC28H1			00-3010	
					RC28H2			00-3011	
	21 SD Cooling A	One	7	3	SI240H10			00-3007	
					SI240H11			00-3008	
					SI240H13			00-3009	
	22 SD Cooling B	One	4	4	RC68H5			00-3097	
					RC68H6			00-3197	
					SI193H17			00-3095	
					SI193H19			00-3096	
	24 SI 1B	One	2	2	SI223H3			00-3067	
					SI223H4			00-3002	
	25 SI 2A	One	2	2	SI156H7			00-3076	
					SI156H9			00-3077	
	26 SI 2B	One	2	2	SI179H9			00-3001	
					SI179H11			00-3198	
	27 PZR Spray 1A	One	9	9	RC62H26			00-3012	
					RC62H27			00-3013	
					RC62H28			00-3014	
					RC62H29			00-3015	
					RC62H30			00-3016	
					RC62H31			00-3017	
					RC62H32			00-3018	
					RC62H33			00-3019	
					RC62H34			00-3020	
	28 PZR Spray 1B	One	9	8	RC17H24			00-3003	
					RC17H34			00-3021	
					RC17H36			00-3022	
					RC17H38			00-3023	
					RC17H39			00-3024	
					RC17H40			00-3025	
					RC17H41			00-3026	
					RC17H42			00-3027	
	29 PZR Spray	One	2	2	RC18H16			00-3037	
					RC18H18			00-3036	
	32 Drain 1A	One	2	2	RE60HA			00-3039	
					RC60HB			00-3040	
	36 Letdown	One	9	9	RC91H1			00-3256	
					RC91H5			00-3257	
					RC91H6			00-3258	
					RC91HB			00-3216	
					RC91HD			00-3213	
					RC91HE			00-3218	
					RC91HY			00-3214	
					RC91HZ			00-3215	
					RC91HAA			00-3219	
					RC91HAK			00-3217	
F 1.10	37 Charging	One	14	14	CH5H2			00-3231	

APPENDIX A

- INSERVICE INSPECTION SUMMARY REPORT

ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
					CH5H3			00-3232	
					CH5H25			00-3233	
					CH5H26			00-3225	
					CH5H27			00-3224	
					CH5H28			00-3222	
					CH5H30			00-3226	
					CH5H34			00-3220	
					CH5H35			00-3221	
					CH5H36			00-3223	
					CH5H42			00-3234	
					CH5H43			00-3486	
					CH5H44			00-3235	
					CH5HAA			00-3236	
	39 HPSI A	One	4	4	SI248H26			00-3228	
					SI248H27			00-3227	
					SI248H28			00-3229	
					SI248H30			00-3230	
F 1.40	16 RCP 1A	One	2	2	16-17			00-3489	
					16-18			00-3528	
	17 RCP 1B	One	2	2	17-17			00-3527	
					17-18			00-3527	
	18 RCP 2A	One	4	4	18-12			00-3004	
					18-13			00-3004	
					18-14			00-3004	
					18-15			00-3004	
	19 RCP 2B	One	4	4	19-12			00-3005	
					19-13			00-3005	
					19-14			00-3005	
					19-15			00-3005	
C 1.10	69 Letdown HTEXCH	One	50%	50%	69-1	00-3276			Examined 0°-180°
C 1.30	69 Letdown HTEXCH	One	50%	50%	69-2	00-3277			Examined 0°-180°
C 3.20	43 MS SG 1	One	0	0	SG39H17		00-3071		
	45 MS SG2	One	1	1	SG42H14		00-3072		
	55 Feedwater	n/a	1	1	SG5H6		00-3282		First Interval RR 14
	65 Blowdown	n/a	1	1	SG48H23		00-3283		First Interval RR 14
	71 LPSI Discharge	One	1	1	SI87H11		00-3392		
	76 CS Suction	One	1	1	SI9H4		00-3393		
	88 East Wrap	One	1	1	SI72H13		00-3055		
	89 East Wrap	One	1	1	SI194H14		00-3054		
	91 West Wrap	One	4	4	SI70H9		00-3265		
					SI70H11		00-3485		
					SI70H12		00-3261		
					SI70H16		00-3485		
	92 West Wrap	One	1	1	SI241H21		00-3488		
	100 LPSI Suction	One	1	1	SI369H1		00-3151		

APPENDIX A

INSERVICE INSPECTION SUMMARY REPORT

ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
C 5.11 & 5.12	58 Aux Feedwater	One	0	4	58-1	00-3524	00-3273		PSE
					58-2	00-3521	00-3273	PSE	
					58-3	00-3522	00-3272	PSE	
					58-4	00-3523	00-3273	PSE	
	70 & 73LPSI Suction A & B	One	1	1	70-58	00-3455	00-3448		
	82 & 85 SD Cooling A & B	One	2	1	72-50	00-3479	00-3390		
	83 & 86 SD Cooling A & B	One	4	4	74-19	00-3480	00-3391		
					74-21	00-3482	00-3391		
					74-22	00-3481	00-3391		
	88 & 91 East & West Wrap	One	6	3	74-105	00-3483	00-3391		
					78-16	00-3195	00-3147		
					74-44	00-3484	00-3264		
	96,97,98,99 LPSI Loop 1A,1B, 2A, 2B	One	3	2	76-2	00-3487	00-3263		
					78-45	00-3194	00-3173		
78-47					00-3193	00-3174			
C 5.41 & 5.42	82 & 85 SD Cooling A & B	One	1	1	72-49B		00-3390		
	88 & 91 East & West Wrap	One	1	1	74-102		00-3262		
C 5.51 & 5.52	43 MS SG1 90	One	1	1	43-2	00-3111	00-3071		
	44 MS SG1 270	One	1	1	44-1	00-3150	00-3073		
	46 MS SG2 90	One	1	1	46-25	00-3192	00-3094		
	58 Aux Feedwater SG1	One	1(5)	1(5)	41-33	00-3526	00-3272		
					(58-1)	00-3524	00-3273		
					(58-12)	00-3048	00-3031		
					(58-13)	00-3047	00-3031		
					(58-16)	00-3046	00-3031		
	(58-16A)	00-3045	00-3031						
	59 Aux Feedwater SG2	One	0(5)	0(5)	(59-1)	00-3269	00-3260		
(59-12)					00-3044	00-3032			
(59-13)					00-3041	00-3032			
(59-16)					00-3042	00-3032			
(59-16A)					00-3043	00-3032			
F 1.20	43 MS SG 1 90	One	2	2	SG36H17			00-3075	
					SG36H884			00-3410	
					SG36H885			00-3411	
	44 MS SG1 270	One	2	2	SG33H17			00-3078	
					SG33H18			00-3079	
	45 MS SG 2 270	One	1	1	SG42H14			00-3074	
	46 MS SG 2 90	One	2	2	SG45H17			00-3098	
					SG45H18			00-3099	
	47 MS SG1 270	One	1	1	SG206H1			00-3529	
	51 Atm. Dump SG1	One	1	1	SG59H6			00-3449	
	53 Steam to Aux FW	One	4	4	SG81H1			00-3106	
SG81H2							00-3105		

() signifies augmented examinations

APPENDIX A

INSERVICE INSPECTION SUMMARY REPORT

ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
					SG83H1			00-3104	
					SG83H2			00-3103	
59	Aux & Dwncmr SG2	One	6	6	AF6H1			00-3238	
					SG11H8			00-3240	
					SG11H9			00-3239	
					SG11H10			00-3241	
					SG11H11			00-3242	
					SG11H12			00-3237	
60	Dwncmr FW SG1	One	1	1	SG200H9			00-3530	
					SG200H13			00-3534	PSE
					SG200H14			00-3533	PSE
61	Dwncmr FW SG 2	One	0	0	SG203H13			00-3531	PSE
					SG203H14			00-3532	PSE
62	Aux FW SG1	One	1	1	AF4H3			00-3102	
63	Aux FW SG2	One	2	2	AF6H2			00-3100	
					AF16H1			00-3101	
70	LPSI Suction A	One	1	1	SI67H4			00-3249	
71	LPSI Discharge A	One	1	1	SI87H11			00-3394	
73	LPSI Suction B	One	0	0	SI308H12			00-3120	PSE
76	CS Suction A	One	1	1	SI9H4			00-3395	
77	CS Discharge A	One	4	4	SI79H1			00-3243	
					SI79H2			00-3244	
					SI79H3			00-3246	
					SI79H4			00-3245	
79	CS Suction B	One	3	3	SI34H1			00-3169	
					SI34H2			00-3168	
					SI34H3			00-3167	
					SI34H1			00-3128	PSE
					SI34H3			00-3122	PSE
					SI33H4			00-3117	PSE
					SI34H6			00-3196	PSE
80	CS Discharge B	One	3	3	SI119H7			00-3166	
					SI119H8			00-3165	
					SI119H9			00-3164	
82	SD Cooling A	One	2	2	SI78H5			00-3248	
					SI79H10			00-3247	
83	SD Cooling A	One	4	4	SI87H9			00-3250	
					SI89H1			00-3253	
					SI89H2			00-3251	
					SI89H3			00-3252	
85	SD Cooling B	One	3	3	SI119H10			00-3158	
					SI123H6			00-3160	
					SI123H7			00-3159	
86	SD Cooling B	One	3	3	SI129H10			00-3157	
					SI129H11			00-3156	
					SI129H12			00-3155	
88	East Wrap	One	8	3	SI72H11			00-3056	
					SI72H13			00-3058	
					SI72H14			00-3057	
89	East Wrap	One	4	4	SI194H12			00-3154	
					SI194H13			00-3153	

APPENDIX A

INSERVICE INSPECTION SUMMARY REPORT

ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
					SI194H14			00-3059	
					SI194H23			00-3152	
					SI38H1			00-3183	PSE
					SI194H13			00-3177	PSE
91	West Wrap	One	7	7	SI70H9			00-3398	
					SI70H10			00-3397	
					SI70H11			00-3413	
					SI70H12			00-3399	
					SI70H13			00-3414	
					SI70H14			00-3415	
					SI70H15			00-3396	
					SI70H16			00-3412	
92	West Wrap	One	5	5	SI239H3			00-3402	
					SI241H12			00-3274	
					SI241H14			00-3400	
					SI241H15			00-3401	
					SI241H21			00-3490	
94	LPSI A	One	3	3	SI89H7			00-3467	
					SI89H8			00-3466	
					SI89H9			00-3465	
95	LPSI B	One	6	6	SI72H8			00-3464	
					SI72H10			00-3459	
					SI134H11			00-3458	
					SI134H12			00-3542	
					SI194H3			00-3506	
					SI194H5			00-3511	
					SI194H5			00-3126	PSE
					SI194H7			00-3125	PSE
					SI194H15			00-3124	PSE
					SI194H21			00-3119	PSE
96	LPSI to Loop 1A	One	3	3	SI202H7			00-3496	
					SI202H8			00-3495	
					SI202H9			00-3494	
97	LPSI to Loop 1B	One	10	9	SI220H9			00-3505	
					SI220H10			00-3504	
					SI220H11			00-3503	
					SI220H12			00-3502	
					SI220H13			00-3501	
					SI220H14			00-3500	
					SI220H15			00-3499	
					SI220H19			00-3498	
					SI220H22			00-3497	
98	LPSI to Loop 2A	One	2	2	SI155H5			00-3163	
					SI155H6			00-3162	
100	LPSI A Suction	One	2	2	SI241H19			00-3029	
					SI369H1			00-3161	
103	Refuel Suction A	One	6	6	CH142H13			00-3519	
					CH142H14			00-3518	
					CH142H15			00-3517	
					CH142H19			00-3516	
					CH142H22			00-3515	

APPENDIX A

INSERVICE INSPECTION SUMMARY REPORT

ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
					CH424H1			00-3520	
F 1.20	104 SI Suction B	One	7	7	SI33H1			00-3512	
					SI33H2			00-3513	
					SI33H3			00-3514	
					SI308H5			00-3507	
					SI308H8			00-3508	
					SI308H10			00-3509	
					SI308H11			00-3510	
					SI031H1			00-3127	PSE
					SI308H2			00-3180	PSE
					SI308H4			00-3181	PSE
					SI308H5			00-3182	PSE
					SI308H9			00-3115	PSE
	105 Refueling Water	One	7	0	CH149H3			00-3116	PSE
					CH149H5			00-3123	PSE
					CH149H7			00-3121	PSE
					CH149H8			00-3184	PSE
					CH149H12			00-3179	PSE
					CH149H14			00-3178	PSE
					CH149H21			00-3118	PSE
	108 HPSI Discharge	One	11	11	SI100H22			00-3468	
					SI100H23			00-3469	
					SI100H24			00-3470	
					SI100H25			00-3471	
					SI100H26			00-3472	
					SI100H27			00-3473	
					SI100H28			00-3474	
					SI100H29			00-3475	
					SI100H31			00-3476	
					SI100H32			00-3478	
					SI100H35			00-3477	

APPENDIX B

CODE LIMITATIONS

The weld for the Pressurizer skirt (Zone 5, item 5-1) is limited due to geometrical configuration. Volumetric examination of the weld is estimated at 75% coverage of the code required examination volume. This condition will be addressed in a Request for Relief submitted under separate cover.

APPENDIX C

**FORM
NIS-1**

APS

NIS-1 FORM

OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

1. OWNER - *ARIZONA PUBLIC SERVICE COMPANY, et al*
ADDRESS - *P.O. BOX 52034, PHOENIX, ARIZONA 85072*
2. PLANT - *PALO VERDE NUCLEAR GENERATING STATION*
ADDRESS - *5801 SOUTH WINTERSBURG ROAD; TONOPAH, ARIZONA 85354-7529*
3. UNIT NUMBER - 3
4. OWNERS' CERTIFICATE OF AUTHORIZATION - *NONE*
5. COMMERCIAL SERVICE DATE - January 8, 1988
6. COMPONENTS INSPECTED:

COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	SERIAL NUMBER	STATE OR PROVINCE	NATIONAL BOARD NO
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This report is a running summary of all second interval examinations performed to date for Unit 3. The report also includes several examinations that were deferred by relief request for the first inservice interval. The items examined, along with the examination report numbers, are listed in Appendix A.

OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

7. EXAM DATES 4-1-2000 TO 4-30-2000
8. INSPECTION INTERVAL FROM 1-11-98 TO 1-10-2008
9. ABSTRACT OF EXAMINATIONS. INCLUDE A LIST OF EXAMINATIONS AND A STATEMENT CONCERNING STATUS OF WORK REQUIRED FOR CURRENT INTERVAL.

The items examined, along with the examination report numbers, are listed in Appendix A. The examinations are listed by ASME Item Numbers with the corresponding examination report numbers. All of the examinations for the eighth refueling are identified with a 00-3XXX report number.
10. ABSTRACT OF CONDITIONS NOTED

No rejectable conditions were detected during the performance of examinations.
11. ABSTRACT OF CORRECTIVE MEASURES RECOMMENDED AND TAKEN

No corrective measures were taken as a result of the examinations performed.

Several repairs and replacements have been performed since the last summary report due to routine or corrective maintenance. The work was performed in accordance with ASME Section XI and APS Work Control procedures. Applicable NIS-2 forms are included in Appendix D and a copy maintained on file at Palo Verde Nuclear Generating Station by Arizona Public Service Company.

WE CERTIFY THAT THE STATEMENTS MADE IN THIS REPORT ARE CORRECT AND THE EXAMINATIONS AND CORRECTIVE MEASURES TAKEN CONFORM TO THE RULES OF THE ASME CODE, SECTION XI.

DATE 6-15-00 SIGNED: ARIZONA PUBLIC SERVICE COMPANY BY Alan Monow
 For Mike Melton

CERTIFICATE OF INSERVICE INSPECTION

I, THE UNDERSIGNED, HOLDING A VALID COMMISSION ISSUED BY THE NATIONAL BOARD OF BOILER AND PRESSURE VESSEL INSPECTORS AND THE STATE OR PROVINCE OF ARIZONA EMPLOYED BY HSBI & I CO. OF HARTFORD, CONNECTICUT HAVE INSPECTED THE COMPONENTS DESCRIBED IN THIS OWNERS REPORT DURING THE PERIOD 4-1-00 TO 4-30-00, AND STATE THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE OWNER HAS PERFORMED EXAMINATIONS AND TAKEN CORRECTIVE MEASURES DESCRIBED IN THIS OWNERS REPORT IN ACCORDANCE WITH THE REQUIREMENTS OF THE ASME CODE, SECTION XI. BY SIGNING THIS CERTIFICATE NEITHER THE INSPECTOR NOR HIS EMPLOYER MAKES ANY WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE EXAMINATIONS AND CORRECTIVE MEASURES DESCRIBED IN THIS OWNERS REPORT. FURTHERMORE, NEITHER THE INSPECTOR NOR HIS EMPLOYER SHALL BE LIABLE IN ANY MANNER FOR ANY PERSONAL INJURY OR PROPERTY DAMAGE OR A LOSS OF ANY KIND ARISING FROM OR CONNECTED WITH THIS INSPECTION.

INSPECTOR *[Signature]* COMMISSIONS 26 9685 "N" -1 Az. 264
 NAT'L BOARD, STATE, PROVINCE

DATE 6-15-00

APPENDIX D

**FORMS
NIS-2**

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/01/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint./Dept Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS ABOVE (ITEM #2) Expiration Date N/A
Address

4. Identification of System 3CH149H003
5. (a) Applicable Construction Code ASME III NF / CL 2 1974 Edition, W/75 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
STRUT	LISEGA	N/A	N/A	3CH149H003	2000	Replacement	No

7. Description of Work DELETION OF SNUBBERS AND REPLACE WITH LISEGA STRUTS.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-CH-149-H-003

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] ISI ENGINEER Date 4-13-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-16-00 to 4-13-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB 9685 "N" "I" Az-264
Inspector's Signature National Board, State, Province, and Endorsements
Date APRIL 13 10 2000 4-13-00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/01/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint/Dept. Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS BLOCK ITEM#2 ABOVE Expiration Date N/A
Address
4. Identification of System 3CH149H005
5. (a) Applicable Construction Code ASME III NF /CL2 1974 Edition, W'75 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
STRUT	LISEGA	N/A	N/A	3CH149H005	2000	Replacement	No

7. Description of Work SNUBBER REDUCTION /REPLACE WITH RIGID STRUT.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-CH-149-H-005

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Alan Monow Sr ISI engineer Date 4-13-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-10-00 to 4-14-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "N" "I" Az-264
National Board, State, Province, and Endorsements

Date April 13 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/01/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint/Dept. Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS BLOCK ITEM#2 ABOVE Expiration Date N/A
Address
4. Identification of System 3CH149H007
5. (a) Applicable Construction Code ASME III NF /CL2 1974 Edition, W'75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
STRUT	LISEGA	N/A	N/A	3CH149H007	2000	Replacement	No
REAR BRACKET	LISEGA	N/A	N/A	3CH149H007	2000	Replacement	No
REAR BRACKET	LISEGA	N/A	N/A	3CH149H007	2000	Replacement	No

7. Description of Work SNUBBER REDUCTION /REPLACE WITH RIGID STRUT.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-CH-149-H007

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed [Signature] [Signature] IAI Sr. Engineer
Owner or Owner's Designee, Title

Date 4-13-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-11-00 to 4-13-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "N" 7" Az 264
National Board, State, Province, and Endorsements

Date April 13 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/21/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint./Dept Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS ABOVE (ITEM #2) Expiration Date N/A
Address
4. Identification of System 3CH149H008
5. (a) Applicable Construction Code ASME III CL 2 1974 Edition, W/75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
ITEM #31/PLATE CS	N/A	N/A	N/A	3CH149H008	2000	Replacement	No

7. Description of Work Modify pipe support by cutting item #38 and adding item #31
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-CH-149-H-008

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed *[Signature]* ISI ENGINEER

Owner or Owner's Designee, Title

Date 4-14-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-10-00 to 4-11-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions 2B 9685 "N" "I" Az 264

National Board, State, Province, and Endorsements

Date APRIL 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/01/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint./Dept Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS ABOVE (ITEM #2) Expiration Date N/A
Address
4. Identification of System 3CH149H012
5. (a) Applicable Construction Code ASME III CL 2 1974 Edition, W/75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
ITEM #31/PLATE CS	N/A	N/A	N/A	3CH149H012	2000	Replacement	No

7. Description of Work Modify pipe support by cutting item #38 and adding item #31
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-CH-149-H-012

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] ISE ENGINEER Date 4-14-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-16-00 to 4-14-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature
Date APRIL 14 2000

Commissions NB 9685 "N" "I" Ar 264
National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/01/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint./Dept Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS ABOVE (ITEM #2) Expiration Date N/A
Address
4. Identification of System 3CH149H014
5. (a) Applicable Construction Code ASME III CL 2 1974 Edition, W/75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
ITEM #31/PLATE CS	N/A	N/A	N/A	3CH149H014	2000	Replacement	Yes

7. Description of Work Modify pipe support by cutting item #30 and adding item #31
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-CH-149-H-014

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] ISI ENGINEER Date 4-14-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-14-00 to 4-14-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "N" "I" Az 264
National Board, State, Province, and Endorsements

Date APRIL 14 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/21/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint./Dept Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS ABOVE (ITEM #2) Expiration Date N/A
Address
4. Identification of System 3CH149H021
5. (a) Applicable Construction Code ASME III NF / CL 2 1974 Edition, W/75 Addenda, Code Case _____
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
STRUT	LISEGA	N/A	N/A	3CH149H021	2000	Replacement	No

7. Description of Work REPLACE SNUBBER WITH RIGID STRUT.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-CH-149-H-021

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed [Signature] ISI ENGINEER
Owner or Owner's Designee, Title

Date 4-13-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-10-00 to 4-13-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "S" "I" A-264
National Board, State, Province, and Endorsements

Date APRIL 13 10 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/01/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint./Dept Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS ABOVE (ITEM #2) Expiration Date N/A
Address
4. Identification of System 3SI031H001
5. (a) Applicable Construction Code ASME III NF / CL 2 1974 Edition, W/75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
STRUT	LISEGA	N/A	N/A	3SI031H001	2000	Replacement	No
REAR BRACKET	LISEGA	N/A	N/A	3SI031H001	2000	Replacement	No
PIPE CLAMP	LISEGA	N/A	N/A	3SI031H001	2000	Replacement	No

7. Description of Work Modify pipe support by Removing snubber and replacing with Strut.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-SI-031-H-001

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed [Signature] ISI ENGINEER
Owner or Owner's Designee, Title

Date 4-13-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-14-00 to 4-13-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "N" "I" Az 264
National Board, State, Province, and Endorsements

Date APRIL 13 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/01/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint./Dept Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS ABOVE (ITEM #2) Expiration Date N/A
Address

4. Identification of System 3SI033H004
5. (a) Applicable Construction Code ASME III NF / CL 2 1974 Edition, W/75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
1980 Edition W81 Addenda.
am
4-13-00
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
STRUT	LISEGA	N/A	N/A	3SI033H004	2000	Replacement	No
REAR BRACKET	LISEGA	N/A	N/A	3SI033H004	2000	Replacement	No
PIPE CLAMP	LISEGA	N/A	N/A	3SI033H004	2000	Replacement	No

7. Description of Work Modify pipe support by Removing snubber and replacing with Strut.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-SI-033-H-004

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Alan Morrow IBI Sr Engineer Date 4-13-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-10-00 to 4-14-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Alan Morrow
Inspector's Signature

Commissions NB 9685 "N" "I" Az 264
National Board, State, Province, and Endorsements

Date April 14 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/01/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint./Dept Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS ABOVE (ITEM #2) Expiration Date N/A
Address
4. Identification of System 3SI034H001
5. (a) Applicable Construction Code ASME III NF / CL 2 1974 Edition, W/75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
STRUT	LISEGA	N/A	N/A	3SI034H001	2000	Replacement	No
R-BRKT	LISEGA	N/A	N/A	3SI034H001	2000	Replacement	No
PIPE CLAMP	LISEGA	N/A	N/A	3SI034H001	2000	Replacement	No

7. Description of Work DELETE SNUBBER AND REPLACE W/ LISEGA STRUTS, R-BRKT, CLAMP
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-SI-034-H-001

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Alan Monow ISI Sr Engineer Date 4-13-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-14-00 to 4-14-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Alan Monow
Inspector's Signature

Commissions NS 9685 - 2" 7" AZ 264
National Board, State, Province, and Endorsements

Date April 14 10 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/21/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint./Dept Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS ABOVE (ITEM #2) Expiration Date N/A
Address
4. Identification of System 3SI034H003
5. (a) Applicable Construction Code ASME III CL 2 1974 Edition, W/75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
STRUT	LISEGA	N/A	N/A	3SI034H003	2000	Replacement	No

7. Description of Work REPLACE SNUBBER WITH RIGID STRUT.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-SI-034-H-003

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Alan Monow Sr. ISI Engineer Date 4-13-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-10-00 to 4-11-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Bob Fyfe
Inspector's Signature

Commissions NB 9685 "N" "I" Az 264
National Board, State, Province, and Endorsements

Date April 18 2000 4-11-00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/21/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint./Dept Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS ABOVE (ITEM #2) Expiration Date N/A
Address
4. Identification of System 3SI034H006

5. (a) Applicable Construction Code ASME III CL 2 1974 Edition, W/75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
SPRING CAN	GRINNELL	N/A	N/A	3SI034H006	2000	Replacement	No

7. Description of Work RESET SPRING CAN TO NEW ADJUSTMENT.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-SI-034-H-006

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed

[Signature]

ISI ENGINEER

Owner or Owner's Designee, Title

Date 4-14-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-11-00 to 4-14-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]

Inspector's Signature

Commissions

2B 9685 "N" "I" AZ-264

National Board, State, Province, and Endorsements

Date

APRIL 14

19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/21/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint./Dept Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS ABOVE (ITEM #2) Expiration Date N/A
Address
4. Identification of System 3SI038H001
5. (a) Applicable Construction Code ASME III CL 2 1974 Edition, W/75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1991 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
STRUT	LISEGA	N/A	N/A	3SI038H001	2000	Replacement	No
STRUT	LISEGA	N/A	N/A	3SI038H001	2000	Replacement	No
REAR BRACKET	LISEGA	N/A	N/A	3SI038H001	2000	Replacement	No
REAR BRACKET	LISEGA	N/A	N/A	3SI038H001	2000	Replacement	No
REAR BRACKET	LISEGA	N/A	N/A	3SI038H001	2000	Replacement	No
REAR BRACKET	LISEGA	N/A	N/A	3SI038H001	2000	Replacement	No

7. Description of Work REPLACE SNUBBERS WITH RIGID STRUTS
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-SI-038-H-001

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed [Signature] ISE ENGINEER Date 4-14-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-14-00 to 4-14-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB 9685 "N" "I" A2 264
Inspector's Signature National Board, State, Province, and Endorsements

Date April 14 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/02/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint/Dept. Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS BLOCK ITEM#2 ABOVE Expiration Date N/A
Address
4. Identification of System 3SI194H005
5. (a) Applicable Construction Code ASME III NF /CL2 1974 Edition, W'75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
STRUT	LISEGA	N/A	N/A	3SI194H005	2000	Replacement	No
STRUT	LISEGA	N/A	N/A	3SI194H005	2000	Replacement	No

7. Description of Work SNUBBER REDUCTION /REPLACE WITH RIGID STRUT.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-SI-194-H-005

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed *Walter [Signature]* ISI ENGINEER
Owner or Owner's Designee, Title

Date 4-13-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-10-00 to 4-13-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NS 9685 "N" 7" A2 264
National Board, State, Province, and Endorsements

Date APRIL 13 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/21/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint./Dept Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS ABOVE (ITEM #2) Expiration Date N/A
Address

4. Identification of System 3SI194H007
5. (a) Applicable Construction Code ASME III CL 2 1974 Edition, W/75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
STRUT	LISEGA	N/A	N/A	3SI194H007	2000	Replacement	No

7. Description of Work REPLACE SNUBBER WITH RIGID STRUT.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-SI-194-H-007

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Alan Morrow ISI Sr. Engineer Date 4-13-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-10-00 to 4-13-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Rx D. [Signature]
Inspector's Signature

Commissions NB 9685 "N" "C" A2 264
National Board, State, Province, and Endorsements

Date April 13 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/02/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint/Dept. Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS BLOCK ITEM#2 ABOVE Expiration Date N/A
Address
4. Identification of System 3SI194H013
5. (a) Applicable Construction Code ASME III NF /CL2 1974 Edition, W'75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
STRUT	LISEGA	N/A	N/A	3SI194H013	2000	Replacement	No
REAR BRACKET	LISEGA	N/A	N/A	3SI194H013	2000	Replacement	No
PIPE CLAMP	LISEGA	N/A	N/A	3SI194H013	2000	Replacement	No

7. Description of Work SNUBBER REDUCTION /REPLACE WITH RIGID STRUT.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-SI-194-H-013

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed *[Signature]* ISI ENGINEER
Owner or Owner's Designee, Title

Date 4-14-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-14-00 to 4-14-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature
Date April 14 10 2000

Commissions NB 9685 "N" "I" Az-264
National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/21/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint./Dept Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS ABOVE (ITEM #2) Expiration Date N/A
Address
4. Identification of System 3SI194H015
5. (a) Applicable Construction Code ASME III CL 2 1974 Edition, W/75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
STRUT	LISEGA	N/A	N/A	3SI194H015	2000	Replacement	No

7. Description of Work REPLACE SNUBBER WITH RIGID STRUT.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-SI-194-H-015

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Alan Monow ISI Sr Engineer Date 4-13-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-10-00 to 4-3-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Richard H. Heston
Inspector's Signature

Commissions NB 2685 "S" "I" Az. 264
National Board, State, Province, and Endorsements

Date April 13 13 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/21/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint./Dept Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS ABOVE (ITEM #2) Expiration Date N/A
Address
4. Identification of System 3SI194H021
5. (a) Applicable Construction Code ASME III CL 2 1974 Edition, W/75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
STRUT	LISEGA	N/A	N/A	3SI194H021	2000	Replacement	No

7. Description of Work REPLACE SNUBBER WITH RIGID STRUT.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-SI-194-H-021

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Alan Morrow ISI Sr Engineer

Date 4-13-00

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-10-00 to 4-14-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "D" "I" A2 264
National Board, State, Province, and Endorsements

Date April 11 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/01/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address

2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number

3. Work Performed by Palo Verde Nuclear Generating Plant Maint./Dept Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS ABOVE (ITEM #2) Expiration Date N/A
Address

4. Identification of System 3SI308H002

5. (a) Applicable Construction Code ASME III CL 2 1974 Edition, W/75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
STRUT	LISEGA	N/A	N/A	3SI308H002	2000	Replacement	No
STRUT	LISEGA	N/A	N/A	3SI308H002	2000	Replacement	No
REAR BRACKET	LISEGA	N/A	N/A	3SI308H002	2000	Replacement	No
REAR BRACKET	LISEGA	N/A	N/A	3SI308H002	2000	Replacement	No
REAR BRACKET	LISEGA	N/A	N/A	3SI308H002	2000	Replacement	No
REAR BRACKET	LISEGA	N/A	N/A	3SI308H002	2000	Replacement	No

7. Description of Work DELETION OF SNUBBERS IAW EDC #95-00577.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-SI-308-H-002

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed [Signature] ISI ENGINEER
Owner or Owner's Designer, Title

Date 4-14-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-10-00 to 4-14-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "N" "I" Az. 264
National Board, State, Province, and Endorsements

Date APRIL 14 10 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/01/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint./Dept Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS ABOVE (ITEM #2) Expiration Date N/A
Address
4. Identification of System 3SI308H004
5. (a) Applicable Construction Code ASME III NF / CL 2 1974 Edition, W/75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
STRUT	LISEGA	N/A	N/A	3SI308H004	2000	Replacement	No
R-BRKT	LISEGA	N/A	N/A	3SI308H004	2000	Replacement	No
PIPE CLAMP	LISEGA	N/A	N/A	3SI308H004	2000	Replacement	No

7. Description of Work DELETION OF SNUBBERS AND REPLACE WITH LISEGA STRUTS.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

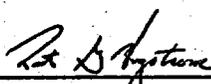
Signed  ISI ENGINEER
Owner or Owner's Designee, Title

Date 4-14-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-10-00 to 4-14-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.


Inspector's Signature

Commissions NB 9685 "S" "I" Az. 264
National Board, State, Province, and Endorsements

Date April 14 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/02/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint./Dept Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS ABOVE (ITEM #2) Expiration Date N/A
Address
4. Identification of System 3SI308H005
5. (a) Applicable Construction Code ASME III NF/ CL 2 1974 Edition, W/75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
STRUT	LISEGA	N/A	N/A	3SI308H005	2000	Replacement	No
R-BRKT	LISEGA	N/A	N/A	3SI308H005	2000	Replacement	No
PIPE-CLAMP	LISEGA	N/A	N/A	3SI308H005	2000	Replacement	No

7. Description of Work REMOVE SNUBBER /REPLACE WITH RIGID STRUT
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-SI-308-H-005

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed [Signature] ISI ENGINEER

Date 7-14-00

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-11-00 to 4-14-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 20-11 Az 264

National Board, State, Province, and Endorsements

Date April 14 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/02/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint/Dept. Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS BLOCK ITEM#2 ABOVE Expiration Date N/A
Address

4. Identification of System 3SI308H009
5. (a) Applicable Construction Code ASME III CL2 1974 Edition, W75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
STRUT	LISEGA	N/A	N/A	3SI308H009	2000	Replacement	No
REAR BRACKET	LISEGA	N/A	N/A	3SI308H009	2000	Replacement	No
PIPE CLAMP	LISEGA	N/A	N/A	3SI308H009	2000	Replacement	No

7. Description of Work SNUBBER REDUCTION /REPLACE WITH RIGID STRUT.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-SI-308-H-009

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed [Signature] ISI ENGINEER
Owner or Owner's Designee, Title

Date 4-13-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-14-00 to 4-13-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9635 "N" "I" Az 264

National Board, State, Province, and Endorsements

Date April 13 13 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/02/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 706607
Address Work Order Number
3. Work Performed by Palo Verde Nuclear Generating Plant Maint/Dept. Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS BLOCK ITEM#2 ABOVE Expiration Date N/A
Address

4. Identification of System 3SI308H012
5. (a) Applicable Construction Code ASME III NF /CL2 1974 Edition, W75 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
STRUT	LISEGA	N/A	N/A	3SI308H012	2000	Replacement	No
REAR BRACKET	LISEGA	N/A	N/A	3SI308H012	2000	Replacement	No
PIPE CLAMP	LISEGA	N/A	N/A	3SI308H012	2000	Replacement	No

7. Description of Work SNUBBER REDUCTION /REPLACE WITH RIGID STRUT.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO#00706607 / 3-SI-308-H-012

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Alan Monow ISI Sr Engineer Date 4-13-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-14-00 to 4-14-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9635 "N" "I" A2 264
National Board, State, Province, and Endorsements

Date APRIL 14 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/09/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 4
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 803428
Address Work Order Number
3. Work Performed by Arizona Public Service CO. Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd. Tonopah Arizona 85354-7529 Expiration Date N/A
Address
4. Identification of System CH Boration and Dilution System
5. (a) Applicable Construction Code ASME III CLASS 3 1974 Edition, 75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 92 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
SCH. 40 PIPE	N/A	N/A	N/A	3PCHNL152	2000	Replacement	No
5/8" STUDS	N/A	N/A	N/A	3PCHNL152	2000	Replacement	No
5/8" NUTS	N/A	N/A	N/A	3PCHNL152	2000	Replacement	No
PIPE SUPPORT	N/A	N/A	N/A	3CH-152-H00C	2000	Replacement	No
PIPE SUPPORT	N/A	N/A	N/A	3CH-152-H00D	2000	Replacement	No
PIPE SUPPORT	N/A	N/A	N/A	3CH-152-H00E	2000	Replacement	No
PIPE SUPPORT	N/A	N/A	N/A	3CH-152-H00G	2000	Replacement	No

7. Description of Work Design Modification to line 3PCHNL152 I.A.W. DMWO 803423, EDC 97-00638

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/09/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 2 of 4
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 803428
Address Work Order Number
3. Work Performed by Arizona Public Service CO. Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd. Tonopah Arizona 85354-7529 Expiration Date N/A
Address
4. Identification of System CH Boration and Dilution System
5. (a) Applicable Construction Code ASME III CLASS 3 1974 Edition, 75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 92 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Mass Flow Sensor	Micro Motion	361372	N/A	3JCHNFE210Y	2000	Replacement	No
Control Valve	CCI	705831-1-2	N/A	3JCHNFV210Y	2000	Replacement	Yes
3"x3"x2" Reducing Tee	N/A	N/A	N/A	3PCHNL152	2000	Replacement	No
2"x2"x1" Reducing Tee	N/A	N/A	N/A	3PCHNL152	2000	Replacement	No
2" 90 Degree Elbow	N/A	N/A	N/A	3PCHNL152	2000	Replacement	No
2" 45 Degree Elbow	N/A	N/A	N/A	3PCHNL152	2000	Replacement	No
2" WNRF Flanges	N/A	N/A	N/A	3PCHNL152	2000	Replacement	No

7. Description of Work Design Modification to line 3PCHNL152 I.A.W. DMWO 803423, EDC 97-00638

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/09/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 3 of 4
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 803428
Address Work Order Number
3. Work Performed by Arizona Public Service CO. Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd. Tonopah Arizona 85354-7529 Expiration Date N/A
Address
4. Identification of System CH Boration and Dilution System
5. (a) Applicable Construction Code ASME III CLASS 3 1974 Edition, 75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 92 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
2" Diaphragm Valve	ITT Grinnell	77-2075-18-1	N/A	3PCHNV172	2000	Replacement	Yes
3" SCH. 40 Pipe	N/A	N/A	N/A	3PCHNL152	2000	Replacement	No
							No
							No
							No
							No
							No

7. Description of Work Design Modification to line 3PCHNL152 I.A.W. DMWO 803423, EDC 97-00638
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Mass flow Sensor Was Dedicated To Be SECTION III CLASS 3 Item Under The NRC Letter of March 8, 1999 (TAC NO MA-2166 & MA2167, & MA2168
WO. 803428 Valve 1PCHNV172 Was Removed From Unit 1 Under Work Order 803424 And
Installed in Unit 3 As 3PCHNV172. Weld Upstream Of 3PCHNV184 On Line 3PCHNL193 Was
Cut And Rewelded To Facilitate The Installation Of 3JCHNFV210Y Page 4 of 4

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Alan Morrow ISI Sr. Engineer Date 4-15-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-8-00 to 4-15-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Ret. S. System Commissions NB 9685 "N" "I" Az. 264
Inspector's Signature National Board, State, Province, and Endorsements
Date APRIL 15 10 2000 4-15-00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/09/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 803428
Address Work Order Number
3. Work Performed by Arizona Public Service CO. Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd. Tonopah Arizona 85354-7529 Expiration Date N/A
Address

4. Identification of System CH Boration and Dilution System
5. (a) Applicable Construction Code ASME III CLASS 3 1974 Edition, 75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 92 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
'SCH. 40 PIPE	N/A	N/A	N/A	3PCHNL168	2000	Replacement	No
2" Diaphragm Valve	ITT GRINNEL	77-2075-18-2	N/A	3PCHNV174	2000	Replacement	Yes
							No
							No
							No
							No
							No

7. Description of Work Design Modification to line 3PCHNL168 I.A.W. DMWO 803423, EDC 97-00638

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks DMWO 803423 PCWO 803428 Valve 1PCHNV174 Was Removed From Unit 1
Under Work Order 803424 And Installed In Unit 3 As 3PCHNV174 Page 2 of 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Alan Morrow Sr ISI Engineer Date 4-15-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-3-00 to 4-15-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature
Date April 15 15 2000

Commissions NB 9685 "N" "I" Az 264
National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/09/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 803428
Address Work Order Number
3. Work Performed by Arizona Public Service CO. Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd. Tonopah Arizona 85354-7529 Expiration Date N/A
Address
4. Identification of System CH Boration and Dilution System
5. (a) Applicable Construction Code ASME III CLASS 3 1974 Edition, 75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 92 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
3"x3"x2" Reducing Tee	N/A	N/A	N/A	3PCHNL166	2000	Replacement	No
3" SCH. 40 Pipe	N/A	N/A	N/A	3PCHNL166	2000	Replacement	No
Pipe Support	N/A	N/A	N/A	3CH-166-H003	2000	Replacement	No
							No
							No
							No
							No

7. Description of Work Design Modification to line 3PCHNL166 I.A.W. DMWO 803423, EDC 97-00638
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks DMWO 803423 PCWO 803428 Piping Support (Item 85) Was Removed And
RE-installed To Facilitate The Removal Of Line 1PCHNL166 Page 2 of 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Alan Mowow IST Sr Engineer Date 4-15-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-8-00 to 4-15-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "N" "I" Az 269
National Board, State, Province, and Endorsements

Date April 15 10 2000 4-15-00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/02/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00803428
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 Expiration Date N/A
Address
4. Identification of System CH Boration and Dilution System
5. (a) Applicable Construction Code ASME Sec. III Cl.3 1974 Edition, 75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Body to Bonnet Studs (All)	ITT GRINNEL	N/A	N/A	3PCHNV172	1985	Replaced	No

7. Description of Work All body to bonnet studs removed and replaced due to damage during decon.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Valve removed from unit 3 under work order # 00803424 Ser.# 77-2075-18-1. This work order (00803428)replaced studs for installation into 3PCHNV172.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed RL BREWSTER RLBS ENG
Owner or Owner's Designee, Title

Date 4-17-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-3-00 to 4-17-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

RL Brewster

Inspector's Signature

Commissions

NB 9685 "N" "I" Az. 264

National Board, State, Province, and Endorsements

Date APRIL 17 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

.. Owner Arizona Public Service Company, et. al. Date 03/29/00
Name

P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address

2. Plant Palo Verde Nuclear Generating Station Unit 3
Name

5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00-820252
Address Work Order Number

3. Work Performed by APS Type Code Symbol Stamp None
Name Authorization No. N/A

SAME AS ABOVE (ITEM #2) Expiration Date N/A
Address

4. Identification of System SI ASME CL II

5. (a) Applicable Construction Code SECTION III CL 2 1974 Edition, 75W Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
BONNET	BORG-WARNER	322813A S/N 32	N/A	3JSIBUV0668	1997	Replacement	Yes
DISC	BORG-WARNER	321976C S/N 171	N/A	3JSIBUV0668	1997	Replacement	No

7. Description of Work REPLACED BONNET AND DISC

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1

Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks UNDER PCWO 00-820252, INSTALL STEM-MOD-KIT AND SMB-00 OPERATOR
IAW DMWO 00-820233. THIS REMOVES THE ORIGINAL VALVE INTERNALS AND
INSTALLS A NEW STEM & DISC ASSEMBLY, BONNET & YOKE. BODY TO BONNET IS
SEAL WELDED, BONNET TO YOKE IS TACK WELDED. BORG-WARNER VALVE BODY
S/N 49607, BLT 1979, IS REUSED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp _____ n/a

Certificate of Authorization No. _____ n/a Expiration Date _____ n/a

Signed [Signature] ISI ENGINEER Date 4-21-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-3-00 to 4-21-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] _____ Commissions NB 9685 "N" "I" A2-264
Inspector's Signature National Board, State, Province, and Endorsements
Date April 21 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/29/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00-820253
Address Work Order Number
3. Work Performed by APS Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS ABOVE (ITEM #2) Expiration Date N/A
Address
4. Identification of System SI ASME CL II
5. (a) Applicable Construction Code SECTION III CL 2 1974 Edition, 75W Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
BONNET	BORG-WARNER	322813A S/N 23	N/A	3JSIBUV0665	1997	Replacement	Yes
DISC	BORG-WARNER	321976C S/N 170	N/A	3JSIBUV0665	1997	Replacement	No

7. Description of Work REPLACED BONNET AND DISC
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks UNDER PCWO 00-820253, INSTALL STEM-MOD-KIT AND SMB-00 OPERATOR
IAW DMWO 00-820233. THIS REMOVES THE ORIGINAL VALVE INTERNALS AND
INSTALLS A NEW STEM & DISC ASSEMBLY, BONNET & YOKE. BODY TO BONNET IS
SEAL WELDED, BONNET TO YOKE IS TACK WELDED. BORG-WARNER VALVE BODY
S/N 65654, BLT 1981, IS REUSED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp _____

Certificate of Authorization No. _____ Expiration Date _____

Signed *[Signature]* ISI ENGINEER Date 4-20-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-3-00 to 4-20-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NS 9685 "N" 71 A2-264
Inspector's Signature National Board, State, Province, and Endorsements
Date April 20 10 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/09/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 833833
Address Work Order Number
3. Work Performed by Arizona Public Service Co. Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, Arizona 85254-7529 Expiration Date N/A
Address
4. Identification of System "SG" Main Steam
5. (a) Applicable Construction Code ASME III, Class 2&3 1974 Edition, s/w'75 Addenda, Code Case _____
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE	Anchor/Darling	2N1658	N/A	3JSGAUV0175	1979	Repaired	Yes
REAR BRACKET	ITT GRINNELL	N/A	N/A	3SG203H014	1979	Replacement	No
Disc	IP/BW	K318	N/A	3JSGAUV0175	1998	Replacement	Yes
plate: 1"X8.5"X12"	N/A	N/A	N/A	3SG203H014	2000	Replacement	No
1-1/2" elbows	N/A	N/A	N/A	3PSGEL403	2000	Replacement	No
1-1/2" Pipe	N/A	N/A	N/A	3PSGEL403	2000	Replacement	No

7. Description of Work Support work for new design to install larger air cylinders; DMWO# 782577..

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO# 833833; Valve 3JSGAUV0175. Support work for new design to install larger air cylinder; DMWO# 782577. Remove the existing cast wedge guides from valve body and replace with new welded in guides. Install new stronger valve disc, remove and reweld snubber bracket. Reroute a 1-1/2" pipe to provide clearance for the new air cylinder. The valve activity is ASME III, CLASS 2 and the pipe is ASME III, CLASS 3.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp n/a

Certificate of Authorization No. n/a Expiration Date n/a

Signed Alan Morrow Sr PSI Engineer Date 4-29-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 2-9-00 to 4-29-00, and state that to the best of my knowledge and and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

R. L. Hyatt
Inspector's Signature

Commissions NS 9685 "N" "I" A2 264
National Board, State, Province, and Endorsements

Date APRIL 29 10 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/09/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 833835
Address Work Order Number
3. Work Performed by Arizona Public Service Co. Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, Arizona 85254-7529 Expiration Date N/A
Address
4. Identification of System "SG" Main Steam
5. (a) Applicable Construction Code ASME III, Class 2 1974 Edition, s/w'75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE	Anchor/Darling	2N1661	N/A	3JSGBUV0130	1979	Repaired	Yes
REAR BRACKET	ITT GRINNELL	N/A	N/A	3SG200H013	2000	Replacement	No
DISC	IP/BW	K319	N/A	3JSGBUV0130	1998	Replacement	Yes
plate: 1"x8.5"x12"	N/A	N/A	N/A	3SG200H013	2000	Replacement	No

7. Description of Work Support work for new design to install larger air cylinder; DMWO# 782577.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO# 833835; Valve 3JSGBUV0130. Support work for new design to install larger air cylinder; DMWO# 782577. Remove the existing cast wedge guides from valve body and replace with new welded in guides. Install new stronger valve disc, remove and reweld snubber bracket.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp n/a

Certificate of Authorization No. n/a Expiration Date n/a

Signed [Signature] ISE ENGINEER Date 4-29-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 2-9-00 to 4-29-00, and state that to the best of my knowledge and and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "N" "I" Az 264
National Board, State, Province, and Endorsements

Date April 29 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/09/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 833836
Address Work Order Number
3. Work Performed by Arizona Public Service Co. Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, Arizona 85254-7529 Expiration Date N/A
Address

4. Identification of System "SG" Main Steam
5. (a) Applicable Construction Code ASME III, Class 2 1974 Edition, s/w'75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE	Anchor/Darling	2N1660	N/A	3JSGBUV0135	1979	Repaired	Yes
REAR BRACKET	ITT GRINNELL	N/A	N/A	3SG203H013	2000	Replacement	No
DISC	IP/BW	K322	N/A	3JSGBUV0135	1998	Replacement	Yes
plate: 1"X8.5"X12"	N/A	N/A	N/A	3SG203H013	2000	Replacement	No

7. Description of Work Support work for new design to install larger air cylinder; DMWO# 782577.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO# 833836; Valve 3JSGBUV0135. Support work for new design to install larger air cylinder; DMWO# 782577. Remove the existing cast wedge guides from valve body and replace with new welded in guides. Install new stronger valve disc, remove and reweld snubber bracket.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp n/a

Certificate of Authorization No. n/a Expiration Date n/a

Signed Alan Mousow Sr ISI Engineer Date 4-29-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 2-16-00 to 4-29-00, and state that to the best of my knowledge and and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

B. S. Ferguson
Inspector's Signature

Commissions NB 9685 "N" 7" Az 264
National Board, State, Province, and Endorsements

Date APRIL 29 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 06/15/99
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00876227
Address Work Order Number
3. Work Performed by A.P.S. Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 Expiration Date N/A
Address

4. Identification of System Pool Cooling "PC"
5. (a) Applicable Construction Code Class 3 "NF" 1974 Edition, 75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 92 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
3PC006H015	Pacific Scientific	9548	N/A	PSA- 1/2	1980	Replacement	Yes
3PC006H015	Grinnell	1999-8	N/A	FIG 307N	1999	Replacement	Yes

7. Description of Work Replace snubber and extension rod per DMWO #8000082
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks W.O. 876227

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI. Repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Alan Monow Sr. ISI Engineer Date 6-30-99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 6-22-99 to 6-30-99, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "N" "I" Az. 264
National Board, State, Province, and Endorsements

Date June 30 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/09/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address

2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 W.O.# 888095
Address Work Order Number

3. Work Performed by Arizona Public Service Company Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah Arizona, 85354-7529 Expiration Date N/A
Address

4. Identification of System SG, ASME Section III, Class 2

5. (a) Applicable Construction Code Section III, Class 2 1974 Edition, W/75 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
PSGEL008	N/A	N/A	N/A	5001 5002	2000	Replacement	No

7. Description of Work Replaced Pipe Spool due to Erosion/Corrosion of Original Piping

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Pressure Test per N-416-1, W.O.# 888095. Replaced Pipe Spools S-001 & S-009 (8 X 6 Reducer Only) of Line 3PSGEL008 with Stainless Steel

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RLB RLB ISI Engineer Date 4-30-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 2-8-00 to 4-30-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

RLB
Inspector's Signature

Commissions NB 9685 "N" "I" AZ264
National Board, State, Province, and Endorsements

Date APRIL 30 / 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 10/11/99
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00889864
Address Work Order Number
3. Work Performed by Arizona Public Service Company Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 Expiration Date N/A
Address
4. Identification of System CH, CHEMICAL VOLUME CONTROL SYSTEM/ SEC. III CL. 2
5. (a) Applicable Construction Code SECTION III CL 2 1974 Edition, W75 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
CHECK VALVE	BORG WARNER	69641	N/A	3PCHAV328	1981	Replaced	Yes

7. Description of Work Removed/replaced seal weld between body to bonnet for check valve inspection
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Body to bonnet seal weld removed/replaced for ISI inspection WO#899864 -

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed *[Signature]* ISI Engineer Date 4-13-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-10-00 to 4-13-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NS 9685 "S" "I" A2 264
Inspector's Signature National Board, State, Province, and Endorsements

Date April 13 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 10/12/99
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00899898
Address Work Order Number
3. Work Performed by Arizona Public Service Co., et. al. Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 Expiration Date N/A
Address
4. Identification of System CH Chemical Volume Control System Section III, Class 1
5. (a) Applicable Construction Code SECTION III, Cl. 1 1974 Edition, W'75 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
CHECK VALVE	BORG WARNER	67188	N/A	3PCHNV787	1981	Replaced	Yes

7. Description of Work Removed/Replaced seal weld between body to bonnet for check valve inspection
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Seal weld body to bonnet removed/replaced for IST Inspection WO# 899898

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed *[Signature]* ISI Engineer

Date 4-13-00

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-10-00 to 4-13-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "N" "I" Az 264
National Board, State, Province, and Endorsements

Date APRIL 13 10 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. - Date 04/19/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 899899
Address Work Order Number
3. Work Performed by Arizona Public Service Company, et al. Type Code Symbol Stamp None
Name Authorization No. N/A
P.O. Box 53999, Phoenix, Arizona 85072-2034 Expiration Date N/A
Address
4. Identification of System CH, Chemical Volume Control System ASME SEC. III CL 1
5. (a) Applicable Construction Code Section III, CL 1 1974 Edition, W'75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Check Valve	Borg Warner	67189	N/A	3PCHNV802	1981	<i>Replacement Replaced 4/19/00</i>	Yes
Bonnet assembly	Borg Warner	192439-1	N/A	APN#45060007	2000	<i>Replacement Replaced 4/19/00</i>	No

7. Description of Work Replaced the Body to Bonnet Seal Weld for IST inspection & replaced bonnet assy.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Bonnet assembly replaced along with seal weld on Borg Warner WO# 899899
VALVE 3/2 67189.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Alan Monow Sr ISI Engineer Date 4-29-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-19-00 to 4-30-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "N" "I" Az. 264
National Board, State, Province, and Endorsements

Date April 30 19 2000 4-30-00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 10/12/99
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00899900
Address Work Order Number
3. Work Performed by Arizona Public Service Co., et. al. Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 Expiration Date N/A
Address
4. Identification of System CH Chemical Volume Control System Section III, Class 1
5. (a) Applicable Construction Code SECTION III, Cl. 1 1974 Edition, W75 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
IECK VALVE	BORG WARNER	67194	N/A	3PCHNV867	1981	Replaced	Yes

7. Description of Work Removed/Replaced seal weld between body to bonnet for check valve inspection

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Seal weld body to bonnet removed/replaced for IST Inspection WO# 899900

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed

[Signature]

ISI Engineer

Date 4-13-00

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-10-00 to 4-13-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]

Inspector's Signature

Commissions NB 9685 "S" "I" Az. 264

National Board, State, Province, and Endorsements

Date APRIL 13 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/05/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00901349
Address Work Order Number
3. Work Performed by Arizona Public Service Co. Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, AZ. 85354-7529 Expiration Date N/A
Address
4. Identification of System Diesel Generator (DG)
5. (a) Applicable Construction Code ASME Sec. III Cl. 3 1974 Edition, W75 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Jacket Water Cooler Cover	American Standard	OH0602	35335	3MDGBE05	1980	Repaired	Yes

7. Description of Work WELD BULDUP OF CORRODED AREAS ON THE JACKET WATER INLET END COVER

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Work Order 901349

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] ISI ENGINEER Date 4-12-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-5-00 to 4-12-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "N" "I" Az 264
National Board, State, Province, and Endorsements

Date APRIL 12 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/18/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 901368
Address Work Order Number
3. Work Performed by Arizona Public Service Co. Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Road, Tonopah, Arizona 85354-7529 Expiration Date N/A
Address
4. Identification of System "SG" - MAIN STEAM
5. (a) Applicable Construction Code ASME III CLASS 2 1974 Edition, S'75 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
SAFETY VALVE	DRESSER	BS08630	N/A	3JSGEPSV692	1981	Replacement	Yes
SAFETY VALVE	DRESSER	BT01684	N/A	3JSGEPSV572	1979	Replacement	Yes
SAFETY VALVE	DRESSER	BS08623	N/A	3JSGEPSV578	1981	Replacement	Yes
SAFETY VALVE	DRESSER	BS08596	N/A	3JSGEPSV579	1980	Replacement	Yes

7. Description of Work Replace 4 main steam safety valves with spares.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO# 901368 FOR REPLACEMENT OF 4 MAIN STEAM SAFETY VALVES.
SELECTED BY MAINTENANCE ENGINEERING FOLLOWING ON-LINE TESTING OF
VALVES. 3JSGEPSV0572, 578, 579, & 692.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed RLB

RLB

ISI ENG

Date 4-30-00

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-18-00 to 4-30-00, and state that to the best of my knowledge and and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

RLB

(Inspector's Signature)

Commissions NB 9685 "N" 7" Az. 264

National Board, State, Province, and Endorsements

Date APRIL 30 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/18/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00903435
Address Work Order Number
3. Work Performed by APS Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. WINTERSBURG RD., TONOPAH, AZ 85354-7529 Expiration Date N/A
Address
4. Identification of System AUXILLARRY FEEDWATER
5. (a) Applicable Construction Code SEC. III CL. 2 1974 Edition, W'75 Addenda, 1567 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
HINGE PIN	ANCHOR DARLING	HT#862798	N/A	3PAFBV080 APN#43130180	1980	Replacement	No
HINGE PIN	ANCHOR DARLING	HT#700781	N/A	3PAFBV080 APN#43130180	1980	Replacement	No

7. Description of Work REPLACEMENT REQUIRED DUE TO CHECK VALVE INSPECTION
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Replaced hinge pins(2) due to check valve inspection (WO# 903435)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Alan Mowaw Sr ISI Engineer Date 4-29-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-18-00 to 4-29-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Rob L. Ferguson

Inspector's Signature

Commissions

NB 9685 "N" "I" Az 264

National Board, State, Province, and Endorsements

Date APRIL 29 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/26/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 W.O.904402
Address Work Order Number
3. Work Performed by WYLE LAB WESTERN SERVICE CENTER Type Code Symbol Stamp None
Name Authorization No. N/A
201 S. HIGHLAND SPRINGS BEAUMONT CA, 92223 Expiration Date N/A
Address
4. Identification of System RC ASME SECTION III CLASS 1
5. (a) Applicable Construction Code SEC III CLASS 1 1974 Edition, 75'S Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
BELLOWS	DRESSER	20339-1	N/A	3JRCEPSV200	1998	Replacement	No

7. Description of Work REPLACE VALVE BELLOWS.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks W.O.904402 REPLACE VALVE BELLOWS. (3JRCEPSV0200 SN B508611)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed R.L. BROWNING RLB IS I ENG Date 4-26-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-26-00 to 4-26-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

RLB
Inspector's Signature
Date APRIL 26 19 2000

Commissions NB 9685 "N" "I" Az. 264
National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/28/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 W.O.# 00907427
Address Work Order Number
3. Work Performed by APS Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. WINTERSBURG RD TONOPAH ARIZONA Expiration Date N/A
Address
4. Identification of System RC, ASME SECTION III, CLASS 1
5. (a) Applicable Construction Code SEC III, CLASS 1 1974 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
ADAPTER SEAL HOUSING	SULZER BINGHAM	Q95-1947SN11	N/A	3MRCEP01A	1984	Replacement	Do

7. Description of Work REPLACEMENT OF ADAPTER SEAL HOUSING (TOP HAT).
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks W.O. 907427 REPLACEMENT OF ADAPTER SEAL HOUSING (TOP HAT).

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed *Frank Robert* IST ENGINEER Date 4-30-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-23-00 to 4-30-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

St. J. System
Inspector's Signature

Commissions NB 9685 "N" "I" Az. 264
National Board, State, Province, and Endorsements

Date APRIL 30 10 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/28/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 W.O.# 00907428
Address Work Order Number
3. Work Performed by APS Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. WINTERSBURG RD TONOPAH ARIZONA Expiration Date N/A
Address
4. Identification of System RC, ASME SECTION III, CLASS 1
5. (a) Applicable Construction Code SEC III, CLASS 1 1974 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
SEAL HOUSING PORT PLUG	ABB CE	A012	N/A	3MRCEP01B	1984	Replacement	No
SEAL HOUSING PORT PLUG	ABB CE	A012	N/A	3MRCEP01B	1984	Replacement	No
SEAL HOUSING PORT PLUG	ABB CE	B011	N/A	3MRCEP01B	1984	Replacement	No
SEAL HOUSING PORT PLUG	ABB CE	A012	N/A	3MRCEP01B	1984	Replacement	No
SEAL HOUSING PORT PLUG	ABB CE	A008	N/A	3MRCEP01B	1984	Replacement	No

7. Description of Work REPLACEMENT OF SEAL HOUSING PORT PLUGS.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks W.O. 907428 REPLACEMENT OF SEAL HOUSING PORT PLUGS.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] IST ENGINEER Date 4-30-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-15-00 to 4-30-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "A" "I" AZ 264
National Board, State, Province, and Endorsements

Date APRIL 30 18 2000 4-30-00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/28/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 W.O.# 00907429
Address Work Order Number
3. Work Performed by APS Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. WINTERSBURG RD TONOPAH ARIZONA Expiration Date N/A
Address
4. Identification of System RC, ASME SECTION III, CLASS 1
5. (a) Applicable Construction Code SEC III, CLASS 1 1974 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
SEAL HOUSING PORT PLUG	ABB CE	A009	N/A	3MRCEP01C	1984	Replacement	No
SEAL HOUSING PORT PLUG	ABB CE	A008	N/A	3MRCEP01C	1984	Replacement	No
SEAL HOUSING PORT PLUG	ABB CE	A011	N/A	3MRCEP01C	1984	Replacement	No
SEAL HOUSING PORT PLUG	ABB CE	A011	N/A	3MRCEP01C	1984	Replacement	No
SEAL HOUSING PORT PLUG	ABB CE	A001	N/A	3MRCEP01C	1984	Replacement	No

7. Description of Work REPLACEMENT OF SEAL HOUSING PORT PLUGS.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks W.O. 907429 REPLACEMENT OF SEAL HOUSING PORT PLUGS.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] ISI ENGINEER Date 4-30-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-23-00 to 4-30-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "N" "I" A2 264
National Board, State, Province, and Endorsements

Date APRIL 30 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 01/13/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 W.O. #909809
Address Work Order Number
3. Work Performed by APS Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. WINTERSBURG RD. TONOPAH ARIZONA Expiration Date N/A
Address
4. Identification of System RC, ASME SECTION III CLASS I
5. (a) Applicable Construction Code SEC III, CLASS 1 1974 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
RD STAGE RETAINER	SULZER BINGHAM	Q95-1876 SN13	N/A	3MRCEP01A	1984	Replacement	Y

7. Description of Work MECHANICAL SEAL REBUILD/ISLT WILL BE PERFORM ON WO#907427

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks W.O. #909809

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed [Signature] ESE ENGINEER
Owner or Owner's Designee, Title

Date 3/23/00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 1-15-00 to 3-25-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "N" "I" Az. 264

National Board, State, Province, and Endorsements

Date March 23 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/09/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 W.O. #912237
Address Work Order Number
3. Work Performed by APS Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. WINTERSBURG RD. TONOPAH ARIZONA Expiration Date N/A
Address
4. Identification of System RC, ASME SUB SECTION NF CLASS 1
5. (a) Applicable Construction Code SUB SEC NF CL 1 1974 Edition, 1975 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
BELLYBAND CLAMP	N/A	N/A	N/A	3RC056H00A	1986	Replacement	N/A
NUT	N/A	N/A	N/A	3RC056H00A	1986	Replacement	N/A
WASHER	N/A	N/A	N/A	3RC056H00A	1986	Replacement	N/A

7. Description of Work REPLACEMENT OF BELLYBAND CLAMP.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks W.O. #912237

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed Alan Morrow ISI Sr Engineer Date 4-19-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-9-00 to 4-20-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Alan Morrow Commissions NB 9685 N-71 Az. 264
Inspector's Signature National Board, State, Province, and Endorsements
Date April 20 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/29/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00913081
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name Authorization No. N/A
P.O. Box 53999, Phoenix, Arizona 85072-7529 Expiration Date N/A
Address
4. Identification of System Reactor Coolant System, line number 3PRCEL032, Spool 001
5. (a) Applicable Construction Code ASME Sec. III C.L.1 1974 Edition, W75 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Reactor Coolant Hot Leg #1	Combustion Engineering	771-301	N/A	3PRCEL032	1982	Repaired	Yes

7. Description of Work Perform ASME Sec III, Class 1 weld for DMWO 00911855 nozzle modification.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

W.O. 913081

9. Remarks Perform half nozzle modification of the pressure measurement nozzle located in the RCS hot Leg upstream of root valve 3PRCBV275 and PDT 115. Modification performed per the engineering instructions detailed in DMWO 00911855.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R. P. Indap, Consulting Metallurgical Engineer Date 4-19-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-3-00 to 4-20-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

R. P. Indap
Inspector's Signature

Commissions NS 9685 "N" - 1" & 264
National Board, State, Province, and Endorsements

Date April 20 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/29/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00913082
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name Authorization No. N/A
P.O. Box 53999, Phoenix, Arizona 85072-7529 Expiration Date N/A
Address
4. Identification of System Reactor Coolant System, line number 3PRCEL032, Spool 001
5. (a) Applicable Construction Code ASME Sec. III C L. 1 1974 Edition, W75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Reactor Coolant of Leg #1	Combustion Engineering	771-301	N/A	3PRCEL032	1982	Repaired	Yes

7. Description of Work Perform ASME Sec III, Class 1 weld for DMWO 00911855 nozzle modification.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

W.O. 913082

9. Remarks Perform half nozzle modification of the pressure measurement nozzle located in the RCS hot Leg upstream of root valve 3PRCDV271 and PDT 115D. Modification performed per the engineering instructions detailed in DMWO 00911855.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R. Maday, Consulting Metallurgical Engineer Date 4-19-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-3-00 to 4-26-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

R. A. Hightower
Inspector's Signature

Commissions NB 9685 "N" "I" AZ 264
National Board, State, Province, and Endorsements

Date April 20 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/29/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00913086
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name Authorization No. N/A
P.O. Box 53999, Phoenix, Arizona 85072-7529 Expiration Date N/A
Address
4. Identification of System Reactor Coolant System, line number 3PRCEL063, Spool 001
5. (a) Applicable Construction Code ASME Sec. III C L. 1 1974 Edition, W'75 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Reactor Coolant Hot Leg #2	Combustion Engineering	771-501	N/A	3PRCEL063	1982	Repaired	Yes

7. Description of Work Perform ASME Sec III, Class 1 weld for DMWO 00911855 nozzle modification.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

W.O. 913086

9. Remarks Perform half nozzle modification of the pressure measurement nozzle located in the RCS hot Leg upstream of root valve 3PRCBV283 and PDT 125B. Modification performed per the engineering instructions detailed in DMWO 00911855.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R Phindap, Consulting Metallurgical Engineer Date 4-14-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-3-00 to 4-20-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

R Phindap
Inspector's Signature

Commissions NB 9685 "A" "1" Az. 264
National Board, State, Province, and Endorsements

Date April 20 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/29/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00913087
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name Authorization No. N/A
P.O. Box 53999, Phoenix, Arizona 85072-7529 Expiration Date N/A
Address
4. Identification of System Reactor Coolant System, line number 3PRCEL063, Spool 001
5. (a) Applicable Construction Code ASME Sec. III C.L. 1 1974 Edition, W75 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Reactor Coolant Hot Leg #2	Combustion Engineering	771-501	N/A	3PRCEL063	1982	Repaired	Yes

7. Description of Work Perform ASME Sec III, Class 1 weld for DMWO 00911855 nozzle modification.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

D.O. 913087

9. Remarks Perform half nozzle modification of the pressure measurement nozzle located in the RCS hot Leg upstream of root valve 3PRCDV279 and PDT 125D. Modification performed per the engineering instructions detailed in DMWO 00911855.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R. P. Jordan, Consulting Metallurgical Engineer Date 4-19-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-3-00 to 4-20-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

R. P. Jordan
Inspector's Signature

Commissions NB 2685 "N" 1" A2 264
National Board, State, Province, and Endorsements

Date APRIL 20 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/13/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00913620
Address Work Order Number
3. Work Performed by Arizona Public Service Co. Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 Expiration Date N/A
Address
4. Identification of System CH, ASME SEC. III CL2.
5. (a) Applicable Construction Code ASME Sec. III Cl. 2 1974 Edition, W'75 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
300# GATE VALVE	BORG WARNER	75077	N/A	3PCHNV376	1981	Replacement	Yes

7. Description of Work Body to bonnet gasket replaced & one stud & two nuts replaced due to corrosion

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks One stud and its two nuts replaced due to corrosion

913620
WO# 913629 ⁴⁻²⁰⁻⁰⁰

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature], Consulting Metallurgical Engineer Date 4-19-00
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-13-00 to 4-20-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NS 9685 "D" "I" Az-264
National Board, State, Province, and Endorsements

Date APRIL 20 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/13/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00916611
Address Work Order Number
3. Work Performed by ABB-CE Type Code Symbol Stamp None
Name Authorization No. N/A
911 W. Main St., Chatt., TN 37402 Expiration Date N/A
Address

4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code ASME Sect. III, Cl.1 1971 Edition, W'73 Addenda, NA Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Steam Generator #2	CE	65273-1	22860	3MRCEE01A	1981	Repaired	Yes
Tube Plugs	CE	*	NA	*	2000	Replacement	No

7. Description of Work Plug SG (3MRCEE01A) tubes per DFWO 00916611. *See attached list of tube plugs.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks DFWO 916611, See attached list for tubes plugged.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed

D. J. H.

ENGINEER

Owner or Owner's Designee, Title

Date 4-26-2000

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-15-00 to 4-27-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

B. J. H.

Inspector's Signature

Commissions NB 9685 "N" "I" A2 264

National Board, State, Province, and Endorsements

Date

April 27

18 2000

**STEAM GENERATOR 3MRCEE01A
"HOT LEG"**

WORK ORDER 00916611

ASME SECTION XI - REPAIR / REPLACEMENT				
COMP. ID	PART NO.	SERIAL NO.	HEAT NO.	MR NO.
3MRCEE01A R72 / L21	0307-1601	8937	J-9161-5	414762
3MRCEE01A R49 / L60	0307-1601	8630	J-9161-5	414762
3MRCEE01A R149 / L62	0307-1601	8623	J-9161-5	414762
3MRCEE01A R18 / L63	0307-1601	8631	J-9161-5	414762
3MRCEE01A R51 / L70	0307-1601	8703	J-9161-5	414762
3MRCEE01A R151 / L70	0307-1601	8626	J-9161-5	414762
3MRCEE01A R142 / L75	0307-1601	8625	J-9161-5	414762
3MRCEE01A R33 / L82	0307-1601	8561	J-9161-5	414762
3MRCEE01A R61 / L82	0307-1601	8638	J-9161-5	414762
3MRCEE01A R118 / L85	0307-1601	8629	J-9161-5	414762
3MRCEE01A R44 / L89	0307-1601	8624	J-9161-5	414762
3MRCEE01A R48 / L89	0307-1601	8633	J-9161-5	414762
3MRCEE01A R156 / L89	0307-1601	8701	J-9161-5	414762
3MRCEE01A R48 / L91	0307-1601	8627	J-9161-5	414762
3MRCEE01A R134 / L95	0307-1601	8628	J-9161-5	414762
3MRCEE01A R136 / L95	0307-1601	8635	J-9161-5	414762
3MRCEE01A R135 / L96	0307-1601	8634	J-9161-5	414762
3MRCEE01A R44 / L99	0307-1601	8632	J-9161-5	414762
3MRCEE01A R44 / L105	0307-1601	8636	J-9161-5	414762
3MRCEE01A R30 / L111	0307-1601	8720	J-9161-5	414762
3MRCEE01A R32 / L121	0307-1601	8719	J-9161-5	414762
3MRCEE01A R112 / L157	0307-1601	8551	J-9161-5	414762
3MRCEE01A R23 / L76	0307-1601	8570	J-9161-5	414762
3MRCEE01A R27 / L78	0307-1601	8717	J-9161-5	414762

**STEAM GENERATOR 3MRCEE01A
"HOT LEG"**

3MRCEE01A R28 / L79	0307-1601	8725	J-9161-5	414762
3MRCEE01A R30 / L79	0307-1601	8723	J-9161-5	414762
3MRCEE01A R31 / L80	0307-1601	8724	J-9161-5	414762
3MRCEE01A R32 / L81	0307-1601	8556	J-9161-5	414762
3MRCEE01A R40 / L85	0307-1601	8558	J-9161-5	414762
3MRCEE01A R42 / L85	0307-1601	8569	J-9161-5	414762
3MRCEE01A R45 / L86	0307-1601	8557	J-9161-5	414762
3MRCEE01A R43 / L88	0307-1601	8555	J-9161-5	414762
3MRCEE01A R41 / L104	0307-1601	8713	J-9161-5	414762
3MRCEE01A R38 / L107	0307-1601	8721	J-9161-5	414762
3MRCEE01A R26 / L113	0307-1601	8573	J-9161-5	414762
3MRCEE01A R36 / L83	0307-1601	8554	J-9161-5	414762
3MRCEE01A R37 / L84	0307-1601	8560	J-9161-5	414762
3MRCEE01A R39 / L84	0307-1601	8552	J-9161-5	414762
3MRCEE01A R41 / L84	0307-1601	8564	J-9161-5	414762
3MRCEE01A R38 / L85	0307-1601	8563	J-9161-5	414762
3MRCEE01A R47 / L86	0307-1601	8562	J-9161-5	414762
3MRCEE01A R45 / L88	0307-1601	8553	J-9161-5	414762
3MRCEE01A R46 / L89	0307-1601	8572	J-9161-5	414762
3MRCEE01A R44 / L91	0307-1601	8566	J-9161-5	414762
3MRCEE01A R44 / L93	0307-1601	8571	J-9161-5	414762
3MRCEE01A R50 / L93	0307-1601	8565	J-9161-5	414762
3MRCEE01A R47 / L94	0307-1601	8559	J-9161-5	414762
3MRCEE01A R47 / L96	0307-1601	8574	J-9161-5	414762
3MRCEE01A R53 / L96	0307-1601	8707	J-9161-5	414762
3MRCEE01A R43 / L102	0307-1601	8706	J-9161-5	414762
3MRCEE01A R42 / L103	0307-1601	8711	J-9161-5	414762

**STEAM GENERATOR 3MRCEE01A
"HOT LEG"**

3MRCEE01A R43 / L104	0307-1601	8702	J-9161-5	414762
3MRCEE01A R40 / L105	0307-1601	8705	J-9161-5	414762
3MRCEE01A R37 / L106	0307-1601	8715	J-9161-5	414762
3MRCEE01A R39 / L106	0307-1601	8716	J-9161-5	414762
3MRCEE01A R36 / L107	0307-1601	8704	J-9161-5	414762
3MRCEE01A R34 / L109	0307-1601	8722	J-9161-5	414762
3MRCEE01A R31 / L110	0307-1601	8714	J-9161-5	414762
3MRCEE01A R33 / L110	0307-1601	8712	J-9161-5	414762
3MRCEE01A R23 / L114	0307-1601	8568	J-9161-5	414762
3MRCEE01A R106 / L141	0307-1601	8718	J-9161-5	414762
3MRCEE01A R73 / L178	0307-1601	8567	J-9161-5	414762
3MRCEE01A R54 / L7	0307-1601	8661	J-9161-5	414762
3MRCEE01A R55 / L8	0307-1601	8662	J-9161-5	414762
3MRCEE01A R4 / L15	0307-1601	8663	J-9161-5	414762
3MRCEE01A R5 / L16	0307-1601	8666	J-9161-5	414762
3MRCEE01A R43 / L74	0307-1601	8665	J-9161-5	414762
3MRCEE01A **R38 / L83	0307-1601	8668	J-9161-5	414762
3MRCEE01A R71 / L176	0307-1601	8664	J-9161-5	414762
3MRCEE01A R70 / L177	0307-1601	8669	J-9161-5	414762
3MRCEE01A R72 / L177	0307-1601	8670	J-9161-5	414762
3MRCEE01A R71 / L178	0307-1601	8667	J-9161-5	414762
3MRCEE01A R38 / L83	0307-1601	8681	J-9161-5	414762

** This plug serial number 8668 was removed to facilitate removal of a stuck eddy current probe. Plug serial number 8681 was installed in it's place.

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/13/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00916693
Address Work Order Number
3. Work Performed by ABB-CE Type Code Symbol Stamp None
Name Authorization No. N/A
911 W. Main St., Chatt., TN 37402 Expiration Date N/A
Address

4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code ASME Sect. III, CL1 1971 Edition, W'73 Addenda, NA Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Steam Generator #2	CE	65273-1	22860	3MRCEE01A	1981	Repaired	Yes
Tube Plugs	CE	*	NA	*	2000	Replacement	No

7. Description of Work Plug SG (3MRCEE01A) tubes per DFWO 00916693. *See attached list of tube plugs.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks DFWO 916693, See attached list for tubes plugged.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed [Signature] ENGINEER
Owner or Owner's Designee, Title

Date 4-26-2000

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-15-00 to 4-27-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions JB 9685 "N" "I" Az 264
National Board, State, Province, and Endorsements

Date April 27 18 2000

**STEAM GENERATOR 3MRCEE01A
"COLD LEG"**

WORK ORDER 00916693

ASME SECTION XI – REPAIR / REPLACEMENT				
COMP. ID	PART NO.	SERIAL NO.	HEAT NO.	MR NO.
3MRCEE01A R72 / L21	0307-1601	8991	J-9161-5	414762
3MRCEE01A R49 / L60	0307-1601	8602	J-9161-5	414762
3MRCEE01A R149 / L62	0307-1601	8600	J-9161-5	414762
3MRCEE01A R18 / L63	0307-1601	8603	J-9161-5	414762
3MRCEE01A R51 / L70	0307-1601	8601	J-9161-5	414762
3MRCEE01A R151 / L70	0307-1601	8614	J-9161-5	414762
3MRCEE01A R142 / L75	0307-1601	8611	J-9161-5	414762
3MRCEE01A R33 / L82	0307-1601	8612	J-9161-5	414762
3MRCEE01A R61 / L82	0307-1601	8981	J-9161-5	414762
3MRCEE01A R118 / L85	0307-1601	8990	J-9161-5	414762
3MRCEE01A R44 / L89	0307-1601	8979	J-9161-5	414762
3MRCEE01A R48 / L89	0307-1601	8980	J-9161-5	414762
3MRCEE01A R156 / L89	0307-1601	8622	J-9161-5	414762
3MRCEE01A R48 / L91	0307-1601	8976	J-9161-5	414762
3MRCEE01A R134 / L95	0307-1601	8982	J-9161-5	414762
3MRCEE01A R136 / L95	0307-1601	8987	J-9161-5	414762
3MRCEE01A R135 / L96	0307-1601	8983	J-9161-5	414762
3MRCEE01A R44 / L99	0307-1601	8977	J-9161-5	414762
3MRCEE01A R44 / L105	0307-1601	8986	J-9161-5	414762
3MRCEE01A R30 / L111	0307-1601	8995	J-9161-5	414762
3MRCEE01A R32 / L121	0307-1601	8975	J-9161-5	414762
3MRCEE01A R112 / L157	0307-1601	8621	J-9161-5	414762
3MRCEE01A R23 / L76	0307-1601	8599	J-9161-5	414762
3MRCEE01A R27 / L78	0307-1601	8609	J-9161-5	414762

**STEAM GENERATOR 3MRCEE01A
"COLD LEG"**

3MRCEE01A R28 / L79	0307-1601	8613	J-9161-5	414762
3MRCEE01A R30 / L79	0307-1601	8608	J-9161-5	414762
3MRCEE01A R31 / L80	0307-1601	8607	J-9161-5	414762
3MRCEE01A R32 / L81	0307-1601	8606	J-9161-5	414762
3MRCEE01A R40 / L85	0307-1601	8989	J-9161-5	414762
3MRCEE01A R42 / L85	0307-1601	8988	J-9161-5	414762
3MRCEE01A R45 / L86	0307-1601	8978	J-9161-5	414762
3MRCEE01A R43 / L88	0307-1601	8993	J-9161-5	414762
3MRCEE01A R41 / L104	0307-1601	8992	J-9161-5	414762
3MRCEE01A R38 / L107	0307-1601	8998	J-9161-5	414762
3MRCEE01A R26 / L113	0307-1601	8616	J-9161-5	414762
3MRCEE01A R36 / L83	0307-1601	9022	J-9161-5	414762
3MRCEE01A R37 / L84	0307-1601	9021	J-9161-5	414762
3MRCEE01A R39 / L84	0307-1601	9005	J-9161-5	414762
3MRCEE01A R41 / L84	0307-1601	9003	J-9161-5	414762
3MRCEE01A R38 / L85	0307-1601	9004	J-9161-5	414762
3MRCEE01A R47 / L86	0307-1601	9017	J-9161-5	414762
3MRCEE01A R45 / L88	0307-1601	9002	J-9161-5	414762
3MRCEE01A R46 / L89	0307-1601	9016	J-9161-5	414762
3MRCEE01A R44 / L91	0307-1601	9009	J-9161-5	414762
3MRCEE01A R44 / L93	0307-1601	9018	J-9161-5	414762
3MRCEE01A R50 / L93	0307-1601	8680	J-9161-5	414762
3MRCEE01A R47 / L94	0307-1601	9013	J-9161-5	414762
3MRCEE01A R47 / L96	0307-1601	9012	J-9161-5	414762
3MRCEE01A R53 / L96	0307-1601	9011	J-9161-5	414762
3MRCEE01A R43 / L102	0307-1601	9015	J-9161-5	414762

**STEAM GENERATOR 3MRCEE01A
"COLD LEG"**

3MRCEE01A R42 /L103	0307-1601	9014	J-9161-5	414762
3MRCEE01A R43 /L104	0307-1601	9020	J-9161-5	414762
3MRCEE01A R40 /L105	0307-1601	9010	J-9161-5	414762
3MRCEE01A R37 /L106	0307-1601	9001	J-9161-5	414762
3MRCEE01A R39 /L106	0307-1601	8999	J-9161-5	414762
3MRCEE01A R36 /L107	0307-1601	9000	J-9161-5	414762
3MRCEE01A R34 /L109	0307-1601	9008	J-9161-5	414762
3MRCEE01A R31 /L110	0307-1601	9007	J-9161-5	414762
3MRCEE01A R33 /L110	0307-1601	9006	J-9161-5	414762
3MRCEE01A R23 /L114	0307-1601	8615	J-9161-5	414762
3MRCEE01A R106 /L141	0307-1601	8610	J-9161-5	414762
3MRCEE01A R73 /L178	0307-1601	8620	J-9161-5	414762
3MRCEE01A R54 /L7	0307-1601	8997	J-9161-5	414762
3MRCEE01A R55 /L8	0307-1601	8996	J-9161-5	414762
3MRCEE01A R4 /L15	0307-1601	8985	J-9161-5	414762
3MRCEE01A R5 /L16	0307-1601	8994	J-9161-5	414762
3MRCEE01A R43 /L74	0307-1601	8605	J-9161-5	414762
3MRCEE01A R38 /L83	0307-1601	8984	J-9161-5	414762
3MRCEE01A R71 /L176	0307-1601	8617	J-9161-5	414762
3MRCEE01A R70 /L177	0307-1601	8604	J-9161-5	414762
3MRCEE01A R72 /L177	0307-1601	8619	J-9161-5	414762
3MRCEE01A R71 /L178	0307-1601	8618	J-9161-5	414762
3MRCEE01A R38 /L97	C-2000307-CNOP- 027/028	FR-094	J-9161-5	288931
3MRCEE01A R9 /L72	C-2000307-CNOP- 027/028	FR-027	J-9161-2	233896

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/13/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00916694
Address Work Order Number
3. Work Performed by ABB-CE Type Code Symbol Stamp None
Name Authorization No. N/A
911 W. Main St., Chatt., TN 37402 Expiration Date N/A
Address
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code ASME Sect. III, Cl.1 1971 Edition, W'73 Addenda, NA Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Steam Generator #2	CE	65273-2	22861	3MRCEE01B	1981	Repaired	Yes
Tube Plugs	CE	*	NA	*	2000	Replacement	No

7. Description of Work Plug SG (3MRCEE01B) tubes per DFWO 00916694. *See attached list of tube plugs.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks DFWO 916694, See attached list for tubes plugged.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed *DBH* ENGINEER Date 4-26-2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-15-00 to 4-27-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Robert S. Ferguson Commissions NB 9685 "S" "I" A2 264
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 27 15 2000 4-27-00

**STEAM GENERATOR 3MRCEE01B
"HOT LEG"**

WORK ORDER 00916694

ASME SECTION XI - REPAIR / REPLACEMENT				
COMP. ID	PART NO.	SERIAL NO.	HEAT NO.	MR NO.
3MRCEE01B R102 / L27	0307-1601	8595	J-9161-5	414762
3MRCEE01B R67 / L32	0307-1601	8590	J-9161-5	414762
3MRCEE01B R97 / L38	0307-1601	8587	J-9161-5	414762
3MRCEE01B R100 / L49	0307-1601	8589	J-9161-5	414762
3MRCEE01B R86 / L53	0307-1601	8588	J-9161-5	414762
3MRCEE01B R103 / L54	0307-1601	8598	J-9161-5	414762
3MRCEE01B R46 / L55	0307-1601	8596	J-9161-5	414762
3MRCEE01B R33 / L58	0307-1601	8594	J-9161-5	414762
3MRCEE01B R109 / L58	0307-1601	8593	J-9161-5	414762
3MRCEE01B R95 / L64	0307-1601	8586	J-9161-5	414762
3MRCEE01B R43 / L70	0307-1601	8591	J-9161-5	414762
3MRCEE01B R44 / L77	0307-1601	8585	J-9161-5	414762
3MRCEE01B R65 / L78	0307-1601	8597	J-9161-5	414762
3MRCEE01B R89 / L78	0307-1601	8592	J-9161-5	414762
3MRCEE01B R28 / L79	0307-1601	8583	J-9161-5	414762
3MRCEE01B R94 / L81	0307-1601	8584	J-9161-5	414762
3MRCEE01B R65 / L86	0307-1601	8582	J-9161-5	414762
3MRCEE01B R43 / L100	0307-1601	8736	J-9161-5	414762
3MRCEE01B R97 / L108	0307-1601	8643	J-9161-5	414762
3MRCEE01B R31 / L110	0307-1601	8646	J-9161-5	414762
3MRCEE01B R78 / L111	0307-1601	8649	J-9161-5	414762
3MRCEE01B R67 / L112	0307-1601	8709	J-9161-5	414762
3MRCEE01B R35 / L118	0307-1601	8650	J-9161-5	414762
3MRCEE01B R71 / L120	0307-1601	8642	J-9161-5	414762

**STEAM GENERATOR 3MRCEE01B
"HOT LEG"**

3MRCEE01B R49 / L122	0307-1601	8645	J-9161-5	414762
3MRCEE01B R111 / L132	0307-1601	8730	J-9161-5	414762
3MRCEE01B R106 / L151	0307-1601	8641	J-9161-5	414762
3MRCEE01B R2 / L71	B-9419-CO95-034	ECEW-57	J-9161-5	414762
3MRCEE01B R23 / L76	0307-1601	8734	J-9161-5	414762
3MRCEE01B R27 / L78	0307-1601	8581	J-9161-5	414762
3MRCEE01B R30 / L79	0307-1601	8580	J-9161-5	414762
3MRCEE01B R31 / L80	0307-1601	8579	J-9161-5	414762
3MRCEE01B R32 / L81	0307-1601	8578	J-9161-5	414762
3MRCEE01B R43 / L84	0307-1601	8577	J-9161-5	414762
3MRCEE01B R40 / L85	0307-1601	8576	J-9161-5	414762
3MRCEE01B R41 / L86	0307-1601	8575	J-9161-5	414762
3MRCEE01B R43 / L86	0307-1601	8710	J-9161-5	414762
3MRCEE01B R44 / L101	0307-1601	8735	J-9161-5	414762
3MRCEE01B R34 / L109	0307-1601	8639	J-9161-5	414762
3MRCEE01B R23 / L114	0307-1601	8733	J-9161-5	414762
3MRCEE01B R42 / L65	0307-1601	8647	J-9161-5	414762
3MRCEE01B R40 / L83	0307-1601	8644	J-9161-5	414762
3MRCEE01B R45 / L102	0307-1601	8737	J-9161-5	414762
3MRCEE01B R40 / L103	0307-1601	8738	J-9161-5	414762
3MRCEE01B R38 / L105	0307-1601	8728	J-9161-5	414762
3MRCEE01B R35 / L108	0307-1601	8640	J-9161-5	414762
3MRCEE01B R37 / L108	0307-1601	8726	J-9161-5	414762
3MRCEE01B R32 / L109	0307-1601	8648	J-9161-5	414762
3MRCEE01B R38 / L109	0307-1601	8708	J-9161-5	414762
3MRCEE01B R111 / L130	0307-1601	8729	J-9161-5	414762
3MRCEE01B R107 / L142	0307-1601	8727	J-9161-5	414762

**STEAM GENERATOR 3MRCEE01B
"HOT LEG"**

3MRCEE01B R109 / L148	0307-1601	8732	J-9161-5	414762
3MRCEE01B R111 / L148	0307-1601	8731	J-9161-5	414762
3MRCEE01B R16 / L13	0307-1601	8672	J-9161-5	414762
3MRCEE01B R16 / L17	0307-1601	8676	J-9161-5	414762
3MRCEE01B R65 / L46	0307-1601	8673	J-9161-5	414762
3MRCEE01B R95 / L54	0307-1601	8677	J-9161-5	414762
3MRCEE01B R106 / L63	0307-1601	8678	J-9161-5	414762
3MRCEE01B R149 / L64	0307-1601	8675	J-9161-5	414762
3MRCEE01B R39 / L104	0307-1601	8671	J-9161-5	414762
3MRCEE01B R3 / L122	0307-1601	8679	J-9161-5	414762
3MRCEE01B R1 / L158	0307-1601	8674	J-9161-5	414762
3MRCEE01B R9 / L72	C-2000307-CNOP- 027/028	FR-091	J-9161-5	288931

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/13/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00916695
Address Work Order Number
3. Work Performed by ABB-CE Type Code Symbol Stamp None
Name Authorization No. N/A
911 W. Main St., Chatt., TN 37402 Expiration Date N/A
Address

4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code ASME Sect. III, Cl.1 1971 Edition, W'73 Addenda, NA Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Steam Generator #2	CE	65273-2	22861	3MRCEE01B	1981	Repaired	Yes
Tube Plugs	CE	*	NA	*	2000	Replacement	No

7. Description of Work Plug SG (3MRCEE01B) tubes per DFWO 00916695. *See attached list of tube plugs.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks DFWO 916695, See attached list for tubes plugged.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed

DBH

ENGINEER
Owner or Owner's Designee, Title

Date 4-26-2000

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-15-00 to 4-27-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Bob S. Hyatt

Inspector's Signature

Commissions NB 9685 "N" 7" A2 264

National Board, State, Province, and Endorsements

Date

April 27

18 2000

4-27-00

**STEAM GENERATOR 3MRCEE01B
"COLD LEG"**

WORK ORDER 00916695

ASME SECTION XI – REPAIR / REPLACEMENT				
COMP. ID	PART NO.	SERIAL NO.	HEAT NO.	MR NO.
3MRCEE01B R102 / L27	0307-1601	8967	J-9161-5	414762
3MRCEE01B R67 / L32	0307-1601	8970	J-9161-5	414762
3MRCEE01B R97 / L38	0307-1601	8969	J-9161-5	414762
3MRCEE01B R100 / L49	0307-1601	8951	J-9161-5	414762
3MRCEE01B R86 / L53	0307-1601	8972	J-9161-5	414762
3MRCEE01B R103 / L54	0307-1601	8954	J-9161-5	414762
3MRCEE01B R46 / L55	0307-1601	8953	J-9161-5	414762
3MRCEE01B R33 / L58	0307-1601	8956	J-9161-5	414762
3MRCEE01B R109 / L58	0307-1601	8955	J-9161-5	414762
3MRCEE01B R95 / L64	0307-1601	8960	J-9161-5	414762
3MRCEE01B R43 / L70	0307-1601	8973	J-9161-5	414762
3MRCEE01B R44 / L77	0307-1601	9035	J-9161-5	414762
3MRCEE01B R65 / L78	0307-1601	9033	J-9161-5	414762
3MRCEE01B R89 / L78	0307-1601	9032	J-9161-5	414762
3MRCEE01B R28 / L79	0307-1601	8974	J-9161-5	414762
3MRCEE01B R94 / L81	0307-1601	9031	J-9161-5	414762
3MRCEE01B R65 / L86	0307-1601	9037	J-9161-5	414762
3MRCEE01B R43 / L100	0307-1601	8958	J-9161-5	414762
3MRCEE01B R97 / L108	0307-1601	8658	J-9161-5	414762
3MRCEE01B R31 / L110	0307-1601	9026	J-9161-5	414762
3MRCEE01B R78 / L111	0307-1601	9047	J-9161-5	414762
3MRCEE01B R67 / L112	0307-1601	8651	J-9161-5	414762
3MRCEE01B R35 / L118	0307-1601	9049	J-9161-5	414762
3MRCEE01B R71 / L120	0307-1601	9048	J-9161-5	414762

**STEAM GENERATOR 3MRCEE01B
"COLD LEG"**

3MRCEE01B R49 / L122	0307-1601	8652	J-9161-5	414762
3MRCEE01B R111 / L132	0307-1601	8657	J-9161-5	414762
3MRCEE01B R106 / L151	0307-1601	8654	J-9161-5	414762
3MRCEE01B R2 / L71	0307-1601	8966	J-9161-5	414762
3MRCEE01B R23 / L76	0307-1601	8659	J-9161-5	414762
3MRCEE01B R27 / L78	0307-1601	8971	J-9161-5	414762
3MRCEE01B R30 / L79	0307-1601	8957	J-9161-5	414762
3MRCEE01B R31 / L80	0307-1601	8965	J-9161-5	414762
3MRCEE01B R32 / L81	0307-1601	9040	J-9161-5	414762
3MRCEE01B R43 / L84	0307-1601	9044	J-9161-5	414762
3MRCEE01B R40 / L85	0307-1601	9043	J-9161-5	414762
3MRCEE01B R41 / L86	0307-1601	9042	J-9161-5	414762
3MRCEE01B R43 / L86	0307-1601	9041	J-9161-5	414762
3MRCEE01B R44 / L101	0307-1601	9024	J-9161-5	414762
3MRCEE01B R34 / L109	0307-1601	9027	J-9161-5	414762
3MRCEE01B R23 / L114	0307-1601	8660	J-9161-5	414762
3MRCEE01B R42 / L65	0307-1601	8962	J-9161-5	414762
3MRCEE01B R40 / L83	0307-1601	9039	J-9161-5	414762
3MRCEE01B R45 / L102	0307-1601	9038	J-9161-5	414762
3MRCEE01B R40 / L103	0307-1601	9036	J-9161-5	414762
3MRCEE01B R38 / L105	0307-1601	9045	J-9161-5	414762
3MRCEE01B R35 / L108	0307-1601	9029	J-9161-5	414762
3MRCEE01B R37 / L108	0307-1601	9030	J-9161-5	414762
3MRCEE01B R32 / L109	0307-1601	9023	J-9161-5	414762
3MRCEE01B R38 / L109	0307-1601	9028	J-9161-5	414762
3MRCEE01B R111 / L130	0307-1601	8653	J-9161-5	414762
3MRCEE01B R107 / L142	0307-1601	9050	J-9161-5	414762

**STEAM GENERATOR 3MRCEE01B
"COLD LEG"**

3MRCEE01B R109 / L148	0307-1601	8656	J-9161-5	414762
3MRCEE01B R111 / L148	0307-1601	8655	J-9161-5	414762
3MRCEE01B R16 / L13	0307-1601	8959	J-9161-5	414762
3MRCEE01B R16 / L17	0307-1601	8952	J-9161-5	414762
3MRCEE01B R65 / L46	0307-1601	8961	J-9161-5	414762
3MRCEE01B R95 / L54	0307-1601	8963	J-9161-5	414762
3MRCEE01B R106 / L63	0307-1601	8964	J-9161-5	414762
3MRCEE01B R149 / L64	0307-1601	8968	J-9161-5	414762
3MRCEE01B R39 / L104	0307-1601	9046	J-9161-5	414762
3MRCEE01B R3 / L122	0307-1601	9025	J-9161-5	414762
3MRCEE01B R1 / L158	0307-1601	8682	J-9161-5	414762
3MRCEE01B R9 / L118	C2000307-CNOP- 027/028	FR-099	J-9161-5	288931

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/23/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 921111
Address Work Order Number
3. Work Performed by APS Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 Expiration Date N/A
Address
4. Identification of System CH, ASME Section III Class 2
5. (a) Applicable Construction Code Section III Class 2 1974 Edition, S '76 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Pressure Control Valve	Crosby	N61177-00-0001	N/A	3JCHNPSV115	1978	Replacement	Yes

7. Description of Work Valve replaced with like valve due to draining of VCT during testing
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Valve replaced with like valve WO#921111

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] ISE ENGINEER Date 4-29-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-17-00 to 4-29-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB 9685 "N" "I" 12-264
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 29 18 2000 4-29-00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/14/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 **WORK ORDER 00922567**
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 Expiration Date N/A
Address
4. Identification of System Safety Injection
5. (a) Applicable Construction Code ASME Sect III, Cl 1 1974 Edition, s75 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Valve	Fisher Controls	6540517	5084	3JSIBUV0628	1979	Repaired	Yes
Leakoff Pipe Cap	N/A	HT# CHY	N/A	3JSIBUV0628	2000	Replacement	No

7. Description of Work Replaced the stuffing box leakoff piping with a pipe cap.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Work Order 00922567 replaced the packing leakoff piping.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Alan Morrow ISI Sr. Engineer

Owner or Owner's Designee, Title

Date 4-15-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-2-00 to 4-15-00, and state that to the best of my knowledge and and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Alan Morrow

Inspector's Signature

Commissions NS 9685 -N-71 A2 264

National Board, State, Province, and Endorsements

Date April 15 15 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/28/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 W.O.# 00923404
Address Work Order Number
3. Work Performed by APS Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. WINTERSBURG RD TONOPAH ARIZONA Expiration Date N/A
Address
4. Identification of System RC, ASME SECTION III, CLASS 1
5. (a) Applicable Construction Code SEC III, CLASS 1 1974 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
ADAPTER SEAL HOUSING	SULZER BINGHAM	Q95-1961SNE005	N/A	3MRCEP01D	1984	Replacement	NO

7. Description of Work REPLACEMENT OF ADAPTER SEAL HOUSING (TOP HAT)
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks W.O. 923404 REPLACEMENT OF ADAPTER SEAL HOUSING (TOP HAT)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] IST ENGINEER Date 4-30-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-6-00 to 4-30-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "S" "I" Az. 264
National Board, State, Province, and Endorsements

Date April 30 10 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/11/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address

2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 923738
Address Work Order Number

3. Work Performed by Arizona Public Service Company, et al. Type Code Symbol Stamp None
Name Authorization No. N/A
P.O. Box 53999, Phoenix, Arizona 85072-2034 Expiration Date N/A
Address

4. Identification of System CH, Chemical Volume Control System ASME SEC. III CL2

5. (a) Applicable Construction Code Section III, CI2 1974 Edition, W75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Check Valve	Borg Warner	64257	N/A	3PCHNV835	1981	Replaced	Yes

7. Description of Work Replaced the Body to Bonnet Seal Weld for ISI inspection

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Body to bonnet seal weld WO# 923738

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Alan Monow ISI Sr. Engineer Date 4-15-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-13-00 to 4-15-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Alan Monow ISI Sr. Engineer Commissions _____
Inspector's Signature National Board, State, Province, and Endorsements

Date April 15 10 2000 4-15-00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/16/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 Work Order 00924604
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, Arizona Expiration Date N/A
Address

4. Identification of System Safety Injection
5. (a) Applicable Construction Code ASME Sect. III, Cl 2 1974 Edition, W'75 Addenda, Code Case _____
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Valve	Borg-Warner	73776	N/A	3JSIBHV0609	1981	Repaired	Yes

7. Description of Work Removed and replaced the fillet weld between the gate support plates and gate.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Work order 00924604 removed and replaced the weld between the gate and the gate support plate to allow replacement of the valve stem.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N1

Certificate of Authorization No. LA Expiration Date N/A

Signed RL BROWN INC 151 ENL Date 4-17-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-13-00 to 4-17-00, and state that to the best of my knowledge and and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

RL Systems
Inspector's Signature

Commissions NB 9685 "N" "I" Az 264
National Board, State, Province, and Endorsements

Date APRIL 17 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/18/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 W.O. #924689
Address Work Order Number
3. Work Performed by APS Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. WINTERSBURG RD. TONOPAH ARIZONA Expiration Date N/A
Address
4. Identification of System RC, ASME SECTION III CLASS 1
5. (a) Applicable Construction Code SEC III, CLASS 1 1974 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1999 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
HYDRAULIC RUBBER	PAUL MONROE	N/A	N/A	3MRCEP01S	1986	Repaired	Yes

7. Description of Work REWORKING PIVOT PIN, ROD CLEVIS, & SPHERICAL BEARING.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks W.O. #924689 - Reworked Pivot Pin, Rod Clevis & Spherical Bearing

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed RL BROWNIE RL B ISI ENG
Owner or Owner's Designee, Title

Date 4-24-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-18-00 to 4-23-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

RL B
Inspector's Signature

Commissions NB 9685 "N" "I" Az. 264
National Board, State, Province, and Endorsements

Date APRIL 24 18 2000 4-24-00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/21/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 833834
Address Work Order Number
3. Work Performed by Arizona Public Service Co. Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, Arizona 85254-7529 Expiration Date N/A
Address
4. Identification of System "SG" Main Steam
5. (a) Applicable Construction Code ASME III, Class 2&3 1974 Edition, s/w'75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE	Anchor/Darling	2N1656	N/A	3JSGAUV0172	1979	Repaired	Yes
REAR BRACKET	ITT GRINNELL	N/A	N/A	3SG200H014	1979	Replacement	No
Disc	BW/IP	K317	N/A	3JSGAUV0172	1998	Replacement	Yes
plate: 1"x8.5"x12"	N/A	N/A	N/A	3SG200H014	2000	Replacement	No
1-1/2" elbows	N/A	N/A	N/A	3PSGEL393	2000	Replacement	No
1-1/2" pipe	N/A	N/A	N/A	3PSGEL393	2000	Replacement	No
Sway Strut	Lisega	N/A	N/A	3SG169H005	2000	Repaired	No

7. Description of Work Support work for new design to install larger air cylinders; DMWO# 782577.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO# 833834; Valve 3JSGAUV0172. Support work for new design to install larger air cylinder; DMWO# 782577. Remove the existing cast wedge guides from valve body and replace with new welded in guides. Install new stronger valve disc, remove and reweld snubber bracket. Reroute a 1-1/2" pipe and shorten a sway strut to provide clearance for the new air cylinder. The valve activity is ASME III, Class 2 and the pipe and sway strut are ASME III, Class 3.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp n/a

Certificate of Authorization No. n/a

Expiration Date n/a

Signed Alan Morrow ISI Sr Engineer

Owner or Owner's Designee, Title

Date 4-29-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 2-9-00 to 4-30-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Alan Morrow

Inspector's Signature

Commissions NB 9685 "N" "I" A2 264

National Board, State, Province, and Endorsements

Date APRIL 30 18 2000 4-30-00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/02/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00803428
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 Expiration Date N/A
Address

4. Identification of System CH Boration and Dilution System
5. (a) Applicable Construction Code ASME Sec. III Cl.3 1974 Edition, 75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Body to Bonnet studs (All)	ITT GRINNEL	N/A	N/A	3PCHNV174	1985	Replaced	No

7. Description of Work All body to bonnet studs removed and replaced due to damage during decon.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Valve removed from unit 3 under work order # 00803424 Ser.# 77-2075-18-2. This work order (00803428) replaced studs for installation into 3PCHNV174.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed RL BROWNING ALB ENG

Owner or Owner's Designee, Title

Date 4-17-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 1-3-00 to 4-17-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

RL Browning

Inspector's Signature

Commissions 28 9685 "N" "I" Az 264

National Board, State, Province, and Endorsements

Date April 17 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/02/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00803428
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 Expiration Date N/A
Address
4. Identification of System CH Boration and Dilution System
5. (a) Applicable Construction Code ASME Sec. III Cl.3 1974 Edition, 75 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Body to Bonnet Studs (All)	ITT GRINNEL	N/A	N/A	3PCHNV174	1985	Replaced	No

7. Description of Work All body to bonnet studs removed and replaced due to damage during decon.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Valve removed from unit 3 under work order # 00803424 Ser.# 77-2075-18-2. This work order (00803428) replaced studs for installation into 3PCHNV174.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed RL BROWNING ALB ENB

Owner or Owner's Designee, Title

Date 4-17-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-3-00 to 4-17-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]

Inspector's Signature

Commissions NS 9685 "N" "I" Az 264

National Board, State, Province, and Endorsements

Date April 17 10 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/29/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address

2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00-820252
Address Work Order Number

3. Work Performed by APS Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS ABOVE (ITEM #2) Expiration Date N/A
Address

4. Identification of System SI ASME CL II

5. (a) Applicable Construction Code SECTION III CL 2 1974 Edition, 75W Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
BONNET	BORG-WARNER	322813A S/N 32	N/A	3JSIBUV0668	1997	Replacement	Yes
DISC	BORG-WARNER	321976C S/N 171	N/A	3JSIBUV0668	1997	Replacement	No

7. Description of Work REPLACED BONNET AND DISC

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks UNDER PCWO 00-820252, INSTALL STEM-MOD-KIT AND SMB-00 OPERATOR
IAW DMWO 00-820233. THIS REMOVES THE ORIGINAL VALVE INTERNALS AND
INSTALLS A NEW STEM & DISC ASSEMBLY, BONNET & YOKE. BODY TO BONNET IS
SEAL WELDED, BONNET TO YOKE IS TACK WELDED. BORG-WARNER VALVE BODY
S/N 49607, BLT 1979, IS REUSED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp n/a

Certificate of Authorization No. n/a Expiration Date n/a

Signed [Signature] ISI ENGINEER Date 4-21-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-3-00 to 4-21-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB 9685 "N" "I" Az 264
Inspector's Signature National Board, State, Province, and Endorsements
Date April 21 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/29/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00-820253
Address Work Order Number
3. Work Performed by APS Type Code Symbol Stamp None
Name Authorization No. N/A
SAME AS ABOVE (ITEM #2) Expiration Date N/A
Address
4. Identification of System SI ASME CL II
5. (a) Applicable Construction Code SECTION III CL 2 1974 Edition, 75W Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
BONNET	BORG-WARNER	322813A S/N 23	N/A	3JSIBUV0665	1997	Replacement	Yes
DISC	BORG-WARNER	321976C S/N 170	N/A	3JSIBUV0665	1997	Replacement	No

7. Description of Work REPLACED BONNET AND DISC
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks UNDER PCWO 00-820253, INSTALL STEM-MOD-KIT AND SMB-00 OPERATOR
IAW DMWO 00-820233. THIS REMOVES THE ORIGINAL VALVE INTERNALS AND
INSTALLS A NEW STEM & DISC ASSEMBLY, BONNET & YOKE. BODY TO BONNET IS
SEAL WELDED, BONNET TO YOKE IS TACK WELDED. BORG-WARNER VALVE BODY
S/N 65654, BLT 1981, IS REUSED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp _____

Certificate of Authorization No. _____

Expiration Date _____

Signed _____

[Signature]

ISI ENGINEER

Owner or Owner's Designee, Title

Date 4-20-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 1-3-00 to 1-20-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "N" "I" AZ-264

National Board, State, Province, and Endorsements

Date April 20 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/09/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 833833
Address Work Order Number
3. Work Performed by Arizona Public Service Co. Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, Arizona 85254-7529 Expiration Date N/A
Address
4. Identification of System "SG" Main Steam
5. (a) Applicable Construction Code ASME III, Class 2&3 1974 Edition, s/w'75 Addenda, Code Case _____
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE	Anchor/Darling	2N1658	N/A	3JSGAUV0175	1979	Repaired	Yes
REAR BRACKET	ITT GRINNELL	N/A	N/A	3SG203H014	1979	Replacement	No
Disc	IP/BW	K318	N/A	3JSGAUV0175	1998	Replacement	Yes
plate: 1"X8.5"X12"	N/A	N/A	N/A	3SG203H014	2000	Replacement	No
1-1/2" elbows	N/A	N/A	N/A	3PSGEL403	2000	Replacement	No
1-1/2" Pipe	N/A	N/A	N/A	3PSGEL403	2000	Replacement	No

7. Description of Work Support work for new design to install larger air cylinders; DMWO# 782577..

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO# 833833; Valve 3JSGAUV0175. Support work for new design to install larger air cylinder; DMWO# 782577. Remove the existing cast wedge guides from valve body and replace with new welded in guides. Install new stronger valve disc, remove and reweld snubber bracket. Reroute a 1-1/2" pipe to provide clearance for the new air cylinder. The valve activity is ASME III, CLASS 2 and the pipe is ASME III, CLASS 3.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp n/a

Certificate of Authorization No. n/a

Expiration Date n/a

Signed Alan Monow Sr PSI Engineer Date 4-29-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 2-9-00 to 4-29-00, and state that to the best of my knowledge and and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Alan Monow
Inspector's Signature

Commissions 28 9685 "N" "I" A2 264
National Board, State, Province, and Endorsements

Date APRIL 29 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/09/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 833835
Address Work Order Number
3. Work Performed by Arizona Public Service Co. Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, Arizona 85254-7529 Expiration Date N/A
Address
4. Identification of System "SG" Main Steam
5. (a) Applicable Construction Code ASME III, Class 2 1974 Edition, s/w'75 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE	Anchor/Darling	2N1661	N/A	3JSGBUV0130	1979	Repaired	Yes
REAR BRACKET	ITT GRINNELL	N/A	N/A	3SG200H013	2000	Replacement	No
DISC	IP/BW	K319	N/A	3JSGBUV0130	1998	Replacement	Yes
plate: 1"x8.5"x12"	N/A	N/A	N/A	3SG200H013	2000	Replacement	No

7. Description of Work Support work for new design to install larger air cylinder; DMWO# 782577.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO# 833835; Valve 3JSGBUV0130. Support work for new design to install larger air cylinder; DMWO# 782577. Remove the existing cast wedge guides from valve body and replace with new welded in guides. Install new stronger valve disc, remove and reweld snubber bracket.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp n/a

Certificate of Authorization No. n/a

Expiration Date n/a

Signed *[Signature]* ISE ENGINEER
Owner or Owner's Designee, Title

Date 4-29-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 2-9-00 to 4-29-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]

Inspector's Signature

Commissions NB 9685 "N" "I" A2 264

National Board, State, Province, and Endorsements

Date April 29

10/2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/09/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 833836
Address Work Order Number
3. Work Performed by Arizona Public Service Co. Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, Arizona 85254-7529 Expiration Date N/A
Address
4. Identification of System "SG" Main Steam
5. (a) Applicable Construction Code ASME III, Class 2 1974 Edition, s/w'75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE	Anchor/Darling	2N1660	N/A	3JSGBUV0135	1979	Repaired	Yes
REAR BRACKET	ITT GRINNELL	N/A	N/A	3SG203H013	2000	Replacement	No
DISC	IP/BW	K322	N/A	3JSGBUV0135	1998	Replacement	Yes
plate: 1"X8.5"X12"	N/A	N/A	N/A	3SG203H013	2000	Replacement	No

7. Description of Work Support work for new design to install larger air cylinder; DMWO# 782577.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO# 833836; Valve 3JSGBUV0135. Support work for new design to install larger air cylinder; DMWO# 782577. Remove the existing cast wedge guides from valve body and replace with new welded in guides. Install new stronger valve disc, remove and reweld snubber bracket.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp n/a

Certificate of Authorization No. n/a Expiration Date n/a

Signed Alan Monow Sr ISI Engineer Date 4-29-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 2-16-00 to 4-29-00, and state that to the best of my knowledge and and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Bob S. Ferguson
Inspector's Signature

Commissions NB 9685 "N" 7" Az 264
National Board, State, Province, and Endorsements

Date APRIL 29 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/09/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 W.O.# 888095
Address Work Order Number
3. Work Performed by Arizona Public Service Company Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah Arizona, 85354-7529 Expiration Date N/A
Address
4. Identification of System SG, ASME Section III, Class 2
5. (a) Applicable Construction Code Section III, Class 2 1974 Edition, W/75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
PSGEL008	N/A	N/A	N/A	SC01 SC09	2000	Replacement	No

7. Description of Work Replaced Pipe Spool due to Erosion/Corrosion of Original Piping

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Pressure Test per N-416-1, W.O.# 888095. Replaced Pipe Spools S-001 & S-009 (8 X 6 Reducer Only) of Line 3PSGEL008 with Stainless Steel

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed RLBrowning

RLB

ISI Engineer

Date 4-30-00

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 2-8-00 to 4-30-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

RLBrowning

Inspector's Signature

Commissions NB 9685 "N" "I" AZ264

National Board, State, Province, and Endorsements

Date APRIL 30 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/19/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 899899
Address Work Order Number
3. Work Performed by Arizona Public Service Company, et al. Type Code Symbol Stamp None
Name Authorization No. N/A
P.O. Box 53999, Phoenix, Arizona 85072-2034 Expiration Date N/A
Address
4. Identification of System CH, Chemical Volume Control System ASME SEC. III CL 1
5. (a) Applicable Construction Code Section III, CL 1 1974 Edition, W'75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Check Valve	Borg Warner	67189	N/A	3PCHNV802	1981	<i>Replacement Replaced Jd 4/19/00</i>	Yes
Bonnet assembly	Borg Warner	192439-1	N/A	APN#45060007	2000	<i>Replacement Replaced Jd 4/19/00</i>	No

7. Description of Work Replaced the Body to Bonnet Seal Weld for IST inspection & replaced bonnet assy.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Bonnet assembly replaced along with seal weld on Borg Warner WO# 899899
VALVE S/S 67189.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Alan Monow Sr ISI Engineer Date 4-29-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-19-00 to 4-30-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Pat A. [Signature]
Inspector's Signature
Date April 30 19 2000

Commissions NB 9685 "N" "I" Az. 264
National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/05/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00901349
Address Work Order Number
3. Work Performed by Arizona Public Service Co. Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, AZ. 85354-7529 Expiration Date N/A
Address
4. Identification of System Diesel Generator (DG)
5. (a) Applicable Construction Code ASME Sec. III Cl. 3 1974 Edition, W'75 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Jacket Water Cooler Cover	American Standard	OH0602	35335	3MDGBE05	1980	Repaired	Yes

7. Description of Work WELD BUILDUP OF CORRODED AREAS ON THE JACKET WATER INLET END COVER

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Work Order 901349

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] ISI ENGINEER Date 4-12-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-5-00 to 4-12-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "N" "I" Az 264
National Board, State, Province, and Endorsements

Date APRIL 12 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/18/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 901368
Address Work Order Number
3. Work Performed by Arizona Public Service Co. Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Road, Tonopah, Arizona 85354-7529 Expiration Date N/A
Address

4. Identification of System "SG" - MAIN STEAM
5. (a) Applicable Construction Code ASME III CLASS 2 1974 Edition, S'75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
SAFETY VALVE	DRESSER	BS08630	N/A	3JSGEPSV692	1981	Replacement	Yes
SAFETY VALVE	DRESSER	BT01684	N/A	3JSGEPSV572	1979	Replacement	Yes
SAFETY VALVE	DRESSER	BS08623	N/A	3JSGEPSV578	1981	Replacement	Yes
SAFETY VALVE	DRESSER	BS08596	N/A	3JSGEPSV579	1980	Replacement	Yes

7. Description of Work Replace 4 main steam safety valves with spares.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks WO# 901368 FOR REPLACEMENT OF 4 MAIN STEAM SAFETY VALVES.
SELECTED BY MAINTENANCE ENGINEERING FOLLOWING ON-LINE TESTING OF
VALVES. 3JSGEPSV0572, 578, 579, & 692.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RL BROWNING RLB ISI ENG Date 4-30-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-18-00 to 4-30-00, and state that to the best of my knowledge and and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

RL Browning
Inspector's Signature

Commissions NB 9685 "N" "I" Az. 264
National Board, State, Province, and Endorsements

Date APRIL 30 10 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/18/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00903435
Address Work Order Number
3. Work Performed by APS Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. WINTERSBURG RD., TONOPAH, AZ 85354-7529 Expiration Date N/A
Address

4. Identification of System AUXILLARRY FEEDWATER
5. (a) Applicable Construction Code SEC. III CL. 2 1974 Edition, W75 Addenda, 1567 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
HINGE PIN	ANCHOR DARLING	HT#862798	N/A	3PAFBV080 APN#43130180	1980	Replacement	No
HINGE PIN	ANCHOR DARLING	HT#700781	N/A	3PAFBV080 APN#43130180	1980	Replacement	No

7. Description of Work REPLACEMENT REQUIRED DUE TO CHECK VALVE INSPECTION
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Replaced hinge pins(2) due to check valve inspection (WO# 903435)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Alan Morrow Sr ISL Engineer Date 4-29-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-18-00 to 4-29-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Rob L. Ferguson

Inspector's Signature

Commissions NB 9685 "N" "I" Az 264

National Board, State, Province, and Endorsements

Date April 29 18 2000

4-29-00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/28/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 W.O.# 00907427
Address Work Order Number
3. Work Performed by APS Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. WINTERSBURG RD TONOPAH ARIZONA Expiration Date N/A
Address
4. Identification of System RC, ASME SECTION III, CLASS 1
5. (a) Applicable Construction Code SEC III, CLASS 1 1974 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
ADAPTER SEAL HOUSING	SULZER BINGHAM	Q95-1947SN11	N/A	3MRCEP01A	1984	Replacement	Do

7. Description of Work REPLACEMENT OF ADAPTER SEAL HOUSING (TOP HAT).

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. -Remarks W.O. 907427 REPLACEMENT OF ADAPTER SEAL HOUSING (TOP HAT).

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] IST ENGINEER Date 4-30-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-23-00 to 4-30-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]

Inspector's Signature

Commissions NB 9685 "N" "I" h2. 264

National Board, State, Province, and Endorsements

Date APRIL 30 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/28/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 W.O.# 00907428
Address Work Order Number
3. Work Performed by APS Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. WINTERSBURG RD TONOPAH ARIZONA Expiration Date N/A
Address
4. Identification of System RC, ASME SECTION III, CLASS 1
5. (a) Applicable Construction Code SEC III, CLASS 1 1974 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
SEAL HOUSING PORT PLUG	ABB CE	A012	N/A	3MRCEP01B	1984	Replacement	No
SEAL HOUSING PORT PLUG	ABB CE	A012	N/A	3MRCEP01B	1984	Replacement	No
SEAL HOUSING PORT PLUG	ABB CE	B011	N/A	3MRCEP01B	1984	Replacement	No
SEAL HOUSING PORT PLUG	ABB CE	A012	N/A	3MRCEP01B	1984	Replacement	No
SEAL HOUSING PORT PLUG	ABB CE	A008	N/A	3MRCEP01B	1984	Replacement	No

7. Description of Work REPLACEMENT OF SEAL HOUSING PORT PLUGS.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks -W.O. 907428 REPLACEMENT OF SEAL HOUSING PORT PLUGS.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed *Frank Robert* IST ENGINEER

Owner or Owner's Designer, Title

Date 4-30-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-15-00 to 4-30-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Robert S. Lytton

Inspector's Signature

Commissions NB 9685 "N" "I" A2 264

National Board, State, Province, and Endorsements

Date APRIL 30 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/28/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 W.O.# 00907429
Address Work Order Number
3. Work Performed by APS Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. WINTERSBURG RD TONOPAH ARIZONA Expiration Date N/A
Address
4. Identification of System RC, ASME SECTION III, CLASS 1
5. (a) Applicable Construction Code SEC III, CLASS 1 1974 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
SEAL HOUSING PORT PLUG	ABB CE	A009	N/A	3MRCEP01C	1984	Replacement	No
SEAL HOUSING PORT PLUG	ABB CE	A008	N/A	3MRCEP01C	1984	Replacement	No
SEAL HOUSING PORT PLUG	ABB CE	A011	N/A	3MRCEP01C	1984	Replacement	No
SEAL HOUSING PORT PLUG	ABB CE	A011	N/A	3MRCEP01C	1984	Replacement	No
SEAL HOUSING PORT PLUG	ABB CE	A001	N/A	3MRCEP01C	1984	Replacement	No

7. Description of Work REPLACEMENT OF SEAL HOUSING PORT PLUGS.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks W.O. 907429 REPLACEMENT OF SEAL HOUSING PORT PLUGS.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] ISI ENGINEER Date 4-30-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-23-00 to 4-30-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB 9685 "N" "I" A2 264
Inspector's Signature National Board, State, Province, and Endorsements

Date APRIL 30 18 2000 4-30-00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/09/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 W.O. #912237
Address Work Order Number
3. Work Performed by APS Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. WINTERSBURG RD. TONOPAH ARIZONA Expiration Date N/A
Address
4. Identification of System RC, ASME SUB SECTION NF CLASS 1
5. (a) Applicable Construction Code SUB SEC NF CL 1 1974 Edition, 1975 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
BELLYBAND CLAMP	N/A	N/A	N/A	3RC056H00A	1986	Replacement	N/A
NUT	N/A	N/A	N/A	3RC056H00A	1986	Replacement	N/A
WASHER	N/A	N/A	N/A	3RC056H00A	1986	Replacement	N/A

7. Description of Work REPLACEMENT OF BELLYBAND CLAMP.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks W.O. #912237

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Alan Morrow ISI Sr Engineer Date 4-19-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 2-9-00 to 4-20-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Alan Morrow
Inspector's Signature

Commissions NB 9685 "S" "I" Az. 264
National Board, State, Province, and Endorsements

Date April 20 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/29/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00913081
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name Authorization No. N/A
P.O. Box 53999, Phoenix, Arizona 85072-7529 Expiration Date N/A
Address
4. Identification of System Reactor Coolant System, line number 3PRCEL032, Spool 001
5. (a) Applicable Construction Code ASME Sec. III C.L.1 1974 Edition, W75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Reactor Coolant Hot Leg #1	Combustion Engineering	771-301	N/A	3PRCEL032	1982	Repaired	Yes

7. Description of Work Perform ASME Sec III, Class 1 weld for DMWO 00911855 nozzle modification.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

W.O. 913081

9. Remarks Perform half nozzle modification of the pressure measurement nozzle located in the RCS hot Leg upstream of root valve 3PRCBV275 and PDT 115. Modification performed per the engineering instructions detailed in DMWO 00911855.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R. Phadap, Consulting Metallurgical Engineer Date 4-19-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-3-00 to 4-20-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

R. Phadap
Inspector's Signature

Commissions 28 9685 "N" "I" 42 264
National Board, State, Province, and Endorsements

Date April 20 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/29/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00913082
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name Authorization No. N/A
P.O. Box 53999, Phoenix, Arizona 85072-7529 Expiration Date N/A
Address
4. Identification of System Reactor Coolant System, line number 3PRCEL032, Spool 001
5. (a) Applicable Construction Code ASME Sec. III C L. 1 1974 Edition, W75 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Reactor Coolant at Leg #1	Combustion Engineering	771-301	N/A	3PRCEL032	1982	Repaired	Yes

7. Description of Work Perform ASME Sec III, Class 1 weld for DMWO 00911855 nozzle modification.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

W.O. 913082

9. Remarks Perform half nozzle modification of the pressure measurement nozzle located in the RCS hot Leg upstream of root valve 3PRCDV271 and PDT 115D. Modification performed per the engineering instructions detailed in DMWO 00911855.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature], Consulting Metallurgical Engineer Date 4-19-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-3-00 to 4-20-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature
Date April 20 19 2000

Commissions NB 9685 "N" "I" Az 264
National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

Owner Arizona Public Service Company, et. al. Date 02/29/00

P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2

2. Plant Palo Verde Nuclear Generating Station Unit 3
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00913086

3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
P.O. Box 53999, Phoenix, Arizona 85072-7529 Authorization No. N/A
 Expiration Date N/A

4. Identification of System Reactor Coolant System, line number 3PRCEL063, Spool 001

5. (a) Applicable Construction Code ASME Sec. III C.L. 1 1974 Edition, W75 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Reactor Coolant Hot Leg #2	Combustion Engineering	771-501	N/A	3PRCEL063	1982	Repaired	Yes

7. Description of Work Perform ASME Sec III, Class 1 weld for DMWO 00911855 nozzle modification.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

W.O. 913086

9. Remarks Perform half nozzle modification of the pressure measurement nozzle located in the RCS hot Leg upstream of root valve 3PRCBV283 and PDT 125B. Modification performed per the engineering instructions detailed in DMWO 00911855.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R. P. Indap, Consulting Metallurgical Engineer Date 4-19-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-3-00 to 4-20-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

R. P. Indap
Inspector's Signature

Commissions SB 9685 "2" "1" 42-264
National Board, State, Province, and Endorsements

Date April 20 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 02/29/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00913087
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name Authorization No. N/A
P.O. Box 53999, Phoenix, Arizona 85072-7529 Expiration Date N/A
Address
4. Identification of System Reactor Coolant System, line number 3PRCEL063, Spool 001
5. (a) Applicable Construction Code ASME Sec. III C L. 1 1974 Edition, W75 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Reactor Coolant Hot Leg #2	Combustion Engineering	771-501	N/A	3PRCEL063	1982	Repaired	Yes

7. Description of Work Perform ASME Sec III, Class 1 weld for DMWO 00911855 nozzle modification.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

W.O. 913087

9. Remarks Perform half nozzle modification of the pressure measurement nozzle located in the RCS hot Leg upstream of root valve 3PRCDV279 and PDT 125D. Modification performed per the engineering instructions detailed in DMWO 00911855.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R. P. Indap, Consulting Metallurgical Engineer Date 4-19-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-3-00 to 4-20-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "N" "I" Az 264
National Board, State, Province, and Endorsements

Date April 20 10 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/13/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 00913620
Address Work Order Number
3. Work Performed by Arizona Public Service Co. Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 Expiration Date N/A
Address
4. Identification of System CH, ASME SEC. III CL2.
5. (a) Applicable Construction Code ASME Sec. III Cl. 2 1974 Edition, W75 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
3" 300# GATE VALVE	BORG WARNER	75077	N/A	3PCHNV376	1981	Replacement	Yes

7. Description of Work Body to bonnet gasket replaced & one stud & two nuts replaced due to corrosion
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks One stud and its two nuts replaced due to corrosion

913620
WO# 913629 4-20-00

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature], Consulting Metallurgical Engineer Date 4-19-00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-13-00 to 4-20-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]

Inspector's Signature

Commissions NS 9685 "D" "I" Az. 264

National Board, State, Province, and Endorsements

Date APRIL 20 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 03/23/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 921111
Address Work Order Number
3. Work Performed by APS Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 Expiration Date N/A
Address
4. Identification of System CH, ASME Section III Class 2
5. (a) Applicable Construction Code Section III Class 2 1974 Edition, S '76 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Pressure Control Valve	Crosby	N61177-00-0001	N/A	3JCHNPSV115	1978	Replacement	Yes

7. Description of Work Valve replaced with like valve due to draining of VCT during testing

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Valve replaced with like valve

WO#921111

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed [Signature] ISE ENGINEER
Owner or Owner's Designee, Title

Date 4-29-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-17-00 to 4-29-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "N" "I" 12-264

National Board, State, Province, and Endorsements

Date APRIL 29 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/28/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 W.O.# 00923404
Address Work Order Number
3. Work Performed by APS Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. WINTERSBURG RD TONOPAH ARIZONA Expiration Date N/A
Address
4. Identification of System RC, ASME SECTION III, CLASS 1
5. (a) Applicable Construction Code SEC III, CLASS 1 1974 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
ADAPTER SEAL HOUSING	SULZER BINGHAM	Q95-1961SNE005	N/A	3MRCEP01D	1984	Replacement	NO

7. Description of Work REPLACEMENT OF ADAPTER SEAL HOUSING (TOP HAT)

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks W.O. 923404 REPLACEMENT OF ADAPTER SEAL HOUSING (TOP HAT)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed [Signature]

IST ENGINEER
Owner or Owner's Designee, Title

Date 4-30-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-6-00 to 4-30-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 9685 "S" "I" Az. 264

National Board, State, Province, and Endorsements

Date APRIL 30 10 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Arizona Public Service Company, et. al. Date 04/18/00
Name
P. O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 W.O. #924689
Address Work Order Number
3. Work Performed by APS Type Code Symbol Stamp None
Name Authorization No. N/A
5801 S. WINTERSBURG RD. TONOPAH ARIZONA Expiration Date N/A
Address
4. Identification of System RC, ASME SECTION III CLASS 1
5. (a) Applicable Construction Code SEC III, CLASS 1 1974 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1999 Edition, 1992 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
HYDRAULIC SNUBBER	PAUL MONROE	N/A	N/A	3MRCEP01S	1986	Repaired	Do

7. Description of Work REWORKING PIVOT PIN, ROD CLEVIS, & SPHERICAL BEARING.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N-416-1
 Exempt Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks W.O. #924689 - Reworked Pivot Pin, Rod Clavis & Spherical Bearing

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed RL BROWNING RLB 151 EUG
Owner or Owner's Designee, Title

Date 4-24-00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 4-18-00 to 4-23-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

RL Browning
Inspector's Signature

Commissions NB 9685 "N" "I" Az. 264

National Board, State, Province, and Endorsements

Date April 24 18 2000