

PALO VERDE NUCLEAR GENERATING STATION

UNIT 3

INSERVICE INSPECTION REPORT

FOURTH REFUELING OUTAGE

ARIZONA NUCLEAR POWER PROJECT

P.O. BOX 52034

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UNIT 3

INSERVICE INSPECTION REPORT

1.0 Introduction

This report is a summary of the examinations performed during the fourth Inservice Inspection (ISI) at Palo Verde Nuclear Generating Station-Unit 3. This report also includes all applicable examinations conducted since the last summary report. This was the second ISI for Interval 1-Period 2 and was conducted during the fourth refueling outage which began in March 1994, and was completed on June 16, 1994. Palo Verde-Unit 3 began commercial operation on January 08, 1988.

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 of items:

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.
3. Augmented examinations of Class 2 Safety Injection piping systems in accordance with 10 CFR 50.55a.

This report is a compilation of the Period 1 refueling outages and the first and second outages in Period 2. All of the examination report numbers listed in Appendix A for the fourth refueling, and applicable examinations performed since the last summary report, are numbered in bold print.

2.0 Examination Summary

The evaluation of the results from the ISI examinations indicated the integrity of the systems had been maintained. All discrepancies were corrected in accordance with PVNGS work control practices and ASME Section XI. The discrepant findings noted are listed in Section 7 (Repairs & Replacements).

Various non-rejectable indications were detected during the performance of examinations. These indications were recorded, and the examination reports are maintained on file.

3.0 Examination Techniques

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

VT-Visual	VT-1	General Condition
	VT-2	Leakage
	VT-3	Structural Condition
	VT-4	Operability
S-Surface	PT	Liquid Penetrant
	MT	Magnetic Particle
VOL-Volumetric	UT	Ultrasonic
	RT	Radiographic

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

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

5.0 Personnel

All nondestructive examinations were performed by Arizona Public Service Company, MQS Inspection Inc. , or Lambert, MacGill, Thomas, Inc. (LMT) personnel. 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. Hartford Steam Boiler Inspection and Insurance Company provided the Authorized Nuclear Inservice Inspector.

6.0 Equipment and Materials

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

The repairs and replacements performed as a result of the Inservice Examinations were as follows:

ZONE	WORK REQUEST	ITEM ID	DISCREPANCY
55	869428	SG-5-H8	Loose Jam Nut
43	868621	SG-36-H11	Cracked Weld
04	N/A	Manway Studs	Damaged Threads

The loose nut was tightened and the damaged studs replaced. The cracked weld was located on structural steel outside the NF boundary and was repair welded. The applicable records and reports for the specific repair or replacement are maintained on file at Palo Verde. A preservice examination was performed on the repaired or replaced items listed above.

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 and IWC. 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

Zone No: Area designation per PVNGS design

Comp/Sys: Component or system descriptor

Insp Per: Inspection period

Amt. Req'd: Number of items required to be completed in the period

Amt. Comp: Number of required 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

ADV:	Atmospheric Dump Valve
Aux FW:	Auxiliary Feedwater
Atmos Dump:	Atmospheric Dump
Circ:	Circumferential
Cont:	Containment
CS:	Containment Spray
CSP:	Containment Spray Pump
FW:	Feedwater
HPSI:	High Pressure Safety Injection
Letdown HT Exch:	Letdown Heat Exchanger
LPSI:	Low Pressure Safety Injection
MS:	Main Steam
PSV:	Pressurizer Safety Valve
PZR:	Pressurizer
RCP:	Reactor Coolant Pump
RCS:	Reactor Coolant System
Reg HT Exch:	Regenerative Heat Exchanger
RT:	Radiographic Testing
SD:	Shutdown
SDCHX:	Shutdown Cooling Heat Exchanger
SG:	Steam Generator
SI:	Safety Injection
SNUB. REDUC:	Snubber Reduction Program
UT:	Ultrasonic Testing

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
AHE 5.11	51 Bypass UV-180	Two	20	20	51-65	92-3338	92-3296		
					51-66	92-3511	92-3296		
					51-67	92-3350	92-3299		
					51-68	92-3352	92-3299		
					51-69	92-3343	92-3299		
					51-70	92-3341	92-3300		
					51-71	92-3339	92-3300		
					51-72	92-3340	92-3300		
					51-73	92-3349	92-3301		
					51-74	92-3348	92-3301		
					51-75	92-3347	92-3301		
					51-76	92-3346	92-3302		
					51-77	92-3353	92-3296		
					51-78	92-3354	92-3297		
					51-79	92-3355	92-3297		
					51-80	92-3512	92-3297		
					51-81	92-3344	92-3298		
					51-82	92-3345	92-3295		
					51-83	92-3342	92-3298		
					51-84	92-3351	92-3298		
	53 Steam to Aux FW	One	10	10	53-11	89-3351	89-3185		
					53-12	89-3365	89-3185		
					53-13	89-3352	89-3185		
					53-14	89-3353	89-3185		
					53-15	89-3354	89-3185		
					53-21	89-3355	89-3185		
					53-22	89-3356	89-3185		
					53-23	89-3357	89-3185		
					53-24	89-3358	89-3185		
					53-25	89-3359	89-3185		
		Two	9	9	53-1	92-3376	92-3237		
					53-2	92-3377	92-3306		
					53-4	92-3378	92-3306		
					53-5	92-3379	92-3307		
					53-6	92-3380	92-3307		
					53-7	92-3383	92-3307		
					53-8	92-3384	92-3308		
					53-9	92-3385	92-3308		
					53-10	92-3447	92-3446		
AHE 5.21 & 5.22	47 Main Steam SG-1	One	12	12	47-1	89-3377	89-3302		Longseam weld
						89-3385	89-3302		
					47-2	89-3378	89-3302		Longseam weld
						89-3379	89-3302		
					47-4	89-3390	89-3312		
					47-8	89-3391	89-3312		
					47-12	89-3392	89-3312		
					47-16	89-3375	89-3312		
					47-20	89-3376	89-3312		
					47-24	89-3348	89-3311		
					47-25	89-3349	89-3311		
					47-28	89-3383	89-3303		

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
					47-29	89-3384	89-3303		
					47-30	89-3350	89-3311		
		Two	0	0	47-4	94-3326	94-3131		
							94-3135		
					47-8	94-3327	94-3131		
							94-3135		
					47-12	94-3328	94-3135		
					47-16	94-3329	94-3131		
							94-3135		
					47-20	94-3330	94-3135		
						94-3441			
48 Main Steam SG-1		Two	12	12	48-1	92-3527	92-3251		
					48-2	92-3528	92-3251		
					Longseam	92-3318	92-3251		Item 2 to 24
					48-4	92-3497	92-3249		
					48-8	92-3449	92-3249		RT 92-3445
					48-12	92-3450	92-3249		RT 92-3445
					48-16	92-3498	92-3248		
					48-20	92-3448	92-3248		RT 92-3445
					48-24	92-3312	92-3304		
					Longseam	92-3311	92-3250		Item 24 to 25
					48-25	92-3313	92-3250		
					48-28	92-3531	92-3252		
					48-29	92-3532	92-3252		
					48-30	92-3529	92-3250		
					48-8	94-3331	94-3132		
						94-3442			
					48-12	94-3332	94-3132		
						94-3443			
					48-20	94-3333	94-3132		
						94-3440			
49 Main Steam SG-2		Two	0	0	49-4	94-3321	94-3133		
					49-8	94-3322	94-3133		
					49-12	94-3323	94-3133		
					49-16	94-3324	94-3133		
					49-20	94-3325	94-3133		
50 Main Steam SG-2		Two	0	0	50-4	94-3316	94-3129		
					50-8	94-3317	94-3129		
					50-12	94-3318	94-3129		
					50-16	94-3319	94-3129		
					50-20	94-3320	94-3129		
51 Atmos Dump SG-1		One	13	13	51-1	89-3592	89-3304		
					51-2	89-3593	89-3304		
					51-3	89-3594	89-3305		Reject (surf)
							89-3605		PSE/Re-exam
					51-4	89-3595	89-3305		Reject (surf)
							89-3605		PSE/Re-exam
					51-5	89-3596	89-3304		
					51-6	89-3597	89-3304		
					51-7	89-3598	89-3304		
					51-8A	89-3599	89-3304		

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
					51-8B	89-3600	89-3304		
					51-9	89-3601	89-3304		
					51-51	89-3602	89-3315		
					51-53	89-3668	89-3666		PSE/Block valve
					51-54	89-3669	89-3666		PSE/Block valve
					51-55	89-3670	89-3666		PSE/Block valve
					51-56	89-3671	89-3666		PSE/Block valve
		Two	16	16	51-26	92-3428	92-3236		
					51-27	92-3429	92-3236		
					51-28	92-3430	92-3370		
					51-29	92-3431	92-3370		
					51-30	92-3432	92-3233		
					51-31	92-3433	92-3233		
					51-32	92-3436	92-3233		
					51-33	92-3437	92-3234		
					51-34	92-3438	92-3234		
					51-35	92-3439	92-3303		
					51-36	92-3440	92-3303		
					51-37	92-3441	92-3235		
					51-49	92-3434	92-3236		
					51-55	92-3442	92-3235		
					51-56	92-3443	92-3235		
					51-57	92-3444	92-3234		
52 Atmos Dump SG-2	One	0	0		52-53	89-3672	89-3667		PSE/Block valve
					52-54	89-3673	89-3667		PSE/Block valve
					52-55	89-3674	89-3667		PSE/Block valve
					52-56	89-3675	89-3667		PSE/Block valve
56 Feedwater SG-1	One	4	4		56-1	91-3100	91-3096		
					56-4	91-3101	91-3096		
					56-6	91-3102	91-3096		
					56-7	91-3103	91-3096		
	Two	2	2		56-9	92-3504	92-3371		
					56-11	92-3505	92-3371		
60 Downcomer Feedwater SG-1	One	9	9		60-7	89-3279	89-3168		
					60-8	89-3280	89-3168		
					60-9	89-3278	89-3168		
					60-11	89-3281	89-3168		
					60-12	89-3282	89-3168		
					60-14	89-3286	89-3168		
					60-15	89-3283	89-3168		
					60-16	89-3284	89-3168		
					60-17	89-3285	89-3168		
	Two	5	5		60-2	92-3394	92-3372		
					60-3	92-3395	92-3372		
					60-4	92-3396	92-3372		
					60-5	92-3397	92-3373		
					60-6	92-3398	92-3373		
61 Downcomer Feedwater SG-2	Two	5	5		61-2	92-3506	92-3374		
					61-3	92-3507	92-3374		
					61-4	92-3508	92-3374		
					61-5	92-3509	92-3375		

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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 Blowdown SG-1	One	9	9	61-6 66-1 66-2 66-3 66-5 66-6 66-7 66-8 66-9 66-25 66-10 66-11 66-12 66-13 66-14 66-15	92-3510 89-3269 89-3270 89-3271 89-3273 89-3274 89-3275 89-3276 89-3277 89-3272 94-3400 94-3397 94-3396 94-3399 94-3398 94-3395	92-3375 89-3191 89-3191 89-3191 89-3191 89-3191 89-3191 89-3191 89-3191 89-3301 94-3432 94-3432 94-3432 94-3432 94-3432 94-3432		
	67 Blowdown SG-2	Two	6	6	67-7 67-8 67-9 67-10 67-11 67-12	94-3413 94-3414 94-3415 94-3416 94-3417 94-3418	94-3350 94-3350 94-3350 94-3350 94-3350 94-3350		
AHE 5.31	47 Main Steam SG-1	One	7	7	47-3 47-7 47-11 47-15 47-19 47-23 47-27	89-3386 89-3387 89-3388 89-3389 89-3380 89-3381 89-3382	89-3302 89-3302 89-3302 89-3302 89-3311 89-3302 89-3311		
	48 Main Steam SG-1	Two	9	9	48-3 48-7 48-11 48-15 48-19 48-23 48-27 48-34 48-35	92-3319 92-3320 92-3496 92-3315 92-3316 92-3317 92-3314 92-3322 92-3530	92-3253 92-3253 92-3253 92-3254 92-3254 92-3255 92-3255 92-3254 92-3305		
B 1.22	02 Closure Head	One	33%	33%	2-4	89-3614 89-3615 89-3618	89-3619		
		Two	33%	33%	2-4	94-3406 94-3407 94-3408			
B 1.30	01 Reactor Vessel	One	50%	50%	1-14				B&W Report
B 1.40	02 Closure Head	One	33%	33%	2-1	89-3613 89-3616 89-3617	89-3619		
		Two	33%	33%	2-1	94-3406 94-3407 94-3408	94-3405		

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INSERVICE INSPECTION SUMMARY REPORT

ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
B 2.11 & 2.12	05 Pressurizer Shell to Bottom Head	One	33%	33%	5-2	89-3517			
						89-3519			
						89-3541			
		Two	33%	33%	5-2	94-3058			
						94-3063			
						94-3069			
					5-4	94-3061			Longitudinal
	05 Pressurizer Shell to Top Head	One	33%	33%	5-8	94-3065			
						94-3070			
						89-3465			
						89-3467			
						89-3469			
		Two	33%	33%	5-8	94-3056			
						94-3062			
B 2.31	03 Steam Generator 1	One	1	1	3-5	94-3068			
						94-3057			Longitudinal
						94-3064			
						94-3071			
						91-3054			
						91-3184			
						91-3185			
	04 Steam Generator 2	Two	1	1	3-2	91-3186			
						91-3187			
						94-3289			
						94-3290			
						94-3291			
		One	1	1	4-2	91-3171			
		Two	1	1	4-5	91-3172			
B 2.32	03 Steam Generator 1					94-3200			
						94-3205			
						94-3210			
						94-3215			
						94-3220			
						94-3225			
		One	4	4	3-10	91-3192			
	04 Steam Generator 2				3-11	91-3193			
						91-3194			
					3-12	91-3195			
						91-3196			
					3-13	91-3197			
						91-3198			
		Two	1	1	3-4	94-3265			
	04 Steam Generator 2					94-3267			
						94-3269			
		Two	5	5	4-4	94-3219			
						94-3223			
						94-3228			
					4-10	94-3217			
						94-3222			
						94-3227			

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INSERVICE INSPECTION SUMMARY REPORT

ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
					4-11	94-3202			
						94-3207			
						94-3212			
					4-12	94-3203			
						94-3208			
						94-3213			
					4-13	94-3204			
						94-3209			
						94-3214			
B 2.40	03 Steam Generator 1	One	1	1	3-6	91-3055			
						91-3188			
						91-3189			
						91-3190			
						91-3191			
	04 Steam Generator 2	Two	1	1	4-6	94-3201			
						94-3206			
						94-3211			
						94-3216			
						94-3221			
						94-3226			
B 3.90	01 Reactor Vessel	One	2	2	1-15				B&W Report
					1-18				B&W Report
B 3.100	01 Reactor Vessel	One	2	2	1-15				B&W Report
					1-18				B&W Report
B 3.110	05 Pressurizer	One	2	2	5-11	89-3466			
						89-3468			
						89-3470			
					5-9	89-3518			
						89-3520			
						89-3542			
		Two	2	2	5-10	94-3059			
						94-3066			
						94-3072			
					5-13	94-3060			
						94-3067			
						94-3073			
B 3.120	05 Pressurizer	One	2	2	5-11	89-3537			
	Inner Radius				5-9	89-3580			
		Two	2	2	5-10	94-3074			
					5-13	94-3075			
B 3.130	03 Steam Generator 1	One	1	1	3-9	91-3177			
						91-3178			
		Two	1	1	3-7	94-3266			
						94-3268			
						94-3270			
	04 Steam Generator 2	One	1	1	4-9	91-3173			
						91-3174			
		Two	1	1	4-7	94-3218			
						94-3224			
						94-3229			

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 3.140	03 Steam Generator 1 Inner Radius	One	1	1	3-9	91-3179			
		Two	1	1	3-7	94-3304			
	04 Steam Generator 2 Inner Radius	One	1	1	4-9	91-3175			
		Two	1	1	4-7	94-3305			
B 4.12	02 Closure Head	One	8	8	CEDM			91-3207	
		Two	8	8	CEDM			92-3543	
B 4.13	01 Reactor Vessel	One	5	5	ICI			91-3207	
		Two	5	5	ICI			92-3543	
B 4.20	05 Pressurizer	One	3	3	HTRS			91-3207	
		Two	3	3	HTRS			92-3543	
B 5.40	20 Pressurizer Surge	One	2	2	5-34	89-3544	89-3543		
	31 Pressurizer Safety				5-29	89-3463	89-3442		Reject
							89-3608		PSE/Re-exam
	29 Pressurizer Spray	Two	2	2	5-33	94-3194	94-3173		
						94-3076			IEIN 82-09
	31 Pressurizer Safety				5-31	94-3081	94-3019		
						94-3082			
B 5.130	21 Shutdown Cooling 1	One	1	1	6-11	91-3108	91-3093		
	23 Safety Injection 1A	One	1	1	9-10	91-3144	91-3124		
						91-3145			
	22 Shutdown Cooling 2	Two	1	1	7-9	94-3124	94-3141		
	25 Safety Injection 2A	Two	1	1	13-10	94-3101	94-3039		
B 5.140	27 PZR Spray 1A	One	1	1	9-11			91-3134	
	32 Drain Line 1A	One	1	1	8-18			89-3432	
	33 Drain Line 1B	Two	1	1	10-18			92-3247	
	28 Pressurizer Spray	Two	1	1	11-11			94-3186	
	37 Charging Line	Two	1	1	13-11	94-3077	94-3024		IEIN 82-09
B 6.10	02 Closure Head Nuts	One	18	18	1 thru 18			91-3062	
		Two	18	18	19 thru 36	92-3209	92-3211		
B 6.30	02 Closure Head Studs	One	18	18	1 thru 18	91-3066	91-3073		
		Two	18	18	19 thru 36	92-3208	92-3210		
B 6.50	02 Closure Head Washers	One	18	18	1 thru 18		91-3050	91-3049	Surface Exam to Verify Indication
		Two	18	18	19 thru 36			91-3051	
								92-3168	
B 6.180	16 RCP 1A Flange Studs	One	5	5	1 thru 16	89-3623	89-3626	89-3630	
						89-3634	89-3637	89-3638	
								91-3207	
		Two	5	5	1 thru 16			92-3543	IEIN 80-27
						94-3285		94-3281	
	17 RCP 1B Flange Studs	One	5	5	1 thru 16	89-3624	89-3627	89-3631	
						89-3635	89-3636	89-3639	
								91-3207	
		Two	5	5	1 thru 16			92-3543	IEIN 80-27
						94-3286		94-3282	
	18 RCP 2A Flange Studs	One	5	5	1 thru 16	89-3625	89-3628	89-3632	
						89-3640	89-3442	89-3644	
								91-3207	
		Two	5	5	1 thru 16			92-3543	IEIN 80-27
						94-3287		94-3283	

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
B 6.200	19 RCP 2B Flange Studs	One	5	5	1 thru 16	89-3620	89-3621	89-3622	IEIN 80-27
						89-3641	89-3643	89-3645	
		Two	5	5	1 thru 16	94-3288		91-3207	
								92-3543	
								94-3284	
	16 RCP 1A Nuts/Rings	One	5	5	1 thru 16			89-3686	
	17 RCP 1B Nuts/Rings	One	5	5	1 thru 16			89-3687	
	18 RCP 2A Nuts/Rings	One	5	5	1 thru 16			89-3662	
	19 RCP 2B Nuts/Rings	One	5	5	1 thru 16			89-3663	
	16 RCP 1A Nuts/Rings	Two	5	5	1 thru 16			94-3281	
	17 RCP 1B Nuts/Rings	Two	5	5	1 thru 16			94-3282	
B 7.20	05 PZR Manway Studs and Nuts	One	20	20	20 pairs			89-3606	PSE/Replacement
		Two	20	20	20 pairs		92-3336	92-3334	
								92-3335	
								93-3004	
								93-3006	
								94-3343	
	03 SG 1 Manway Studs and Nuts	One	40	40	40 pairs		89-3610	89-3609	
								89-3651	
		Two	40	40	40 pairs			91-3120	
								91-3121	
B 7.30	04 SG 2 Manway Studs and Nuts	One	40	40	40 pairs		94-3276	94-3278	Reject PSE/Replacement Reject PSE/Replacement Reject PSE/Replacement Reject PSE/Replacement
							89-3610	89-3609	
		Two	40	40	40 pairs			89-3651	
								91-3120	
								91-3121	
								92-3310	
								92-3323	
								92-3337	
								93-3002	
								94-3276	
B 7.50	31 PZR PSV Stud and Nuts	One	1	1	PSV200		89-3629	89-3633	Reject PSE/Replacement Reject PSE/Replacement Reject PSE/Replacement Reject PSE/Replacement
					PSV201		89-3629	89-3633	
					PSV202		89-3629	89-3633	
					PSV203		89-3629	89-3633	
		Two	1	1	PSV200			91-3085	
					PSV201			91-3086	
					PSV202			92-3324	
							94-3275	94-3280	
							94-3275	92-3324	
							94-3275	94-3280	
B 7.50	31 PZR PSV Stud and Nuts	One	1	1	PSV200		89-3629	89-3633	Reject PSE/Replacement Reject PSE/Replacement Reject PSE/Replacement Reject PSE/Replacement
					PSV201		89-3629	89-3633	
					PSV202		89-3629	89-3633	
					PSV203		89-3629	89-3633	
		Two	1	1	PSV200			91-3085	
					PSV201			91-3086	
					PSV202			92-3324	
							94-3275	94-3280	
							94-3275	92-3324	
							94-3275	94-3280	



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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
					PSV203			92-3324	
							94-3275	94-3280	
	37 Charging Line	One	1	1	V435			89-3650	PSE/Replacement
								89-3657	PSE/Replacement
B 7.60	16 RCP 1A Seal Hous.	One	5	5	1 thru 16			89-3686	
		Two	5	5	1 thru 16			92-3399	
	17 RCP 1B Seal Hous.	One	5	5	1 thru 16			89-3687	
		Two	5	5	1 thru 16			92-3401	
	18 RCP 2A Seal Hous.	One	5	5	1 thru 16			89-3662	
B 7.60	18 RCP 2A Seal Hous.	Two	5	5	1 thru 16			92-3403	
	19 RCP 2B Seal Hous.	One	5	5	1 thru 16			89-3663	
		Two	5	5	1 thru 16			92-3405	
B 7.70	21 SD Cooling Loop 1	One	1	1	UV653			89-3370	
	22 SD Cooling Loop 2	One	1	1	UV654			91-3094	
		Two	1	1	UV652			94-3427	
	23 Safety Injection 1A	One	1	1	V237			91-3158	
		Two	2	2	V235			94-3164	
					UV634			94-3165	
	24 Safety Injection 1B	One	1	1	V543			89-3611	
		Two	2	2	V245			94-3429	
					UV644			94-3429	
	25 Safety Injection 2A	One	1	1	V540			89-3371	
		Two	1	1	V217			94-3166	
	26 Safety Injection 2B	One	1	1	V225			89-3612	
		Two	2	2	V541			94-3428	
					UV624			94-3428	
	27 PZR Spray 1A	Two	1	1	PV100E			94-3028	
	28 PZR Spray 1B	One	2	2	V241			89-3430	
					V242			89-3430	
		Two	1	1	PV100F			94-3027	
	31 PZR Safeties	One	1	1	PSV200			89-3680	
		Two	1	1	PSV201			92-3541	
	32 Drain Line 1A	One	2	2	V234			89-3433	
					V334			89-3433	
	33 Drain Line Loop 1B	Two	2	2	V235			92-3243	
					V335			92-3243	
	34 Drain Line Loop 2A	Two	2	2	V233			92-3171	
					V333			92-3171	
	37 Charging Line	One	1	1	PDV240			89-3538	
	38 Drain Line Loop 1	One	1	1	V215			91-3154	
	39 HPSI Loop 1	One	1	1	V523			91-3119	
		Two	2	2	V522			92-3256	
					V957			92-3256	
	40 HPSI Loop 2	Two	1	1	V532			92-3494	
B 7.80	02 Closure Head	One	1	1	CEDM 92			89-3167	
B 8.20	05 Pressurizer	One	33%	33%	5-1	89-3581	89-3551		
						89-3582			
						89-3583			
		Two	33%	33%	5-1	94-3040	94-3023		
						94-3041			
						94-3042			

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
B 8.30	03 Steam Generator 1	One	33%	33%	3-1	91-3074 91-3075 91-3076			
	04 Steam Generator 2	Two	33%	33%	4-1	94-3255 94-3257 94-3259	94-3144		
B 9.11 & 9.12	06 RCS Piping	One	7	7	1-27 1-30 3-30 4-30 6-7 7-7 17-2	91-3126 91-3127 91-3141 91-3140 91-3126 91-3127 91-3176	91-3122 91-3122 91-3135 91-3133 91-3122 91-3122 91-3150		
		Two	6	6	16-1	94-3293 94-3297 94-3301	94-3253		
					9-1	94-3292 94-3296 94-3300	94-3253		
					17-1	94-3294 94-3298 94-3302	94-3253		
					11-1	94-3295 94-3299 94-3303	94-3253		
					18-1	94-3111 94-3114 94-3106	94-3055		
					13-1	94-3115 94-3107 94-3110	94-3055		
					19-1	94-3112 94-3105 94-3108	94-3055		
					15-1	94-3113 94-3104 94-3109	94-3055		
					3-28	94-3199 94-3244 94-3249	94-3161		
					6-1	94-3197 94-3243 94-3248	94-3161		
					4-28	94-3198 94-3246 94-3250	94-3161		
					7-1	94-3196 94-3245 94-3247	94-3161		
	20 Pressurizer Surge	One	1	1	20-1	89-3545	89-3543		
	21 Shutdown Cooling 1	One	2	2	21-18 21-20	91-3109 91-3110	91-3093 91-3093		

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
B 9.21 & 9.22	22 Shutdown Cooling 2	Two	2	2	21-14	92-3223	92-3222		
					21-15	92-3224	92-3222		
		One	2	2	22-11	91-3104	91-3095		
					22-23	91-3105	91-3095		
	23 Safety Injection 1A	Two	2	2	22-17	92-3435	92-3420		
					22-1	94-3125	94-3141		
		One	3	3	23-1	91-3142	91-3124		
						91-3143			
	24 Safety Injection 1B				23-2	91-3136	91-3124		
					23-4	91-3137	91-3124		
		Two	3	3	24-14	92-3230	92-3228		
					24-16	92-3231	92-3228		
	25 Safety Injection 2A				24-19	92-3232	92-3228		
		One	2	2	25-26	89-3424	89-3374		
					25-29	89-3423	89-3374		
		Two	3	3	25-1	94-3102	94-3039		
	26 Safety Injection 2B				25-7	94-3157	94-3156		
					25-8	94-3158	94-3156		
		One	2	2	26-9	89-3395	89-3372		
					26-11	89-3396	89-3372		
	29 Combined PZR Spray	Two	1	1	26-12	92-3427	92-3426		
		One	2	2	29-10	89-3461	89-3416		
					29-11	89-3462	89-3416		
		Two	1	1	29-1	94-3020	94-3018		
	31 PZR Safeties	One	1	1	31-1	89-3464	89-3441		
		Two	2	2	31-9	94-3021	94-3019		
					31-10	94-3022	94-3019		
		Two	1	1	36-75	94-3103	94-3136		
	36 Letdown Line 27 PZR Spray 1A	One	3	3	27-42		91-3134		
					27-43		91-3134		
					27-44		91-3134		
		Two	3	3	27-8		94-3038		
	28 PZR Spray 1B				27-10		94-3038		
					27-16		94-3038		
		One	4	4	28-31		89-3415		
					28-32		89-3415		
					28-39		89-3429		
					28-40		89-3429		
		Two	3	3	28-9		94-3017		
					28-11		94-3017		
	30 Aux PZR Spray				28-20		94-3017		
		One	2	2	30-1	89-3425	89-3417		Vol/BUL 88-08
					30-2	89-3425	89-3417		Vol/BUL 88-08
					30-4		89-3417		
					30-7		89-3417		
					30-8		89-3459		
		Two	2	2	30-1		92-3421		
					30-2		92-3421		
					30-5		92-3421		
					30-7		92-3421		
					30-6		94-3026		

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
	32 Drain Line 1A	One	2	2	32-1		89-3432		
					32-2		89-3432		
	33 Drain Line 1B	Two	2	2	33-1		92-3246		
					33-5		92-3246		
	36 Letdown	One	4	4	36-8		89-3439		
					36-9		89-3439		
					36-28		89-3659		
					36-35		89-3659		
		Two	6	6	36-25		94-3136		
					36-26		94-3136		
					36-43		94-3100		
					36-44		94-3100		
					36-45		94-3100		
					36-80		94-3099		
	37 Charging	One	5	5	37-41		89-3536		
					37-42		89-3536		
					37-43		89-3536		
					37-44		89-3536		
					37-45		89-3552		
					37-47		89-3552		
		Two	6	6	37-28		94-3025		
					37-29		94-3025		
					37-30		94-3025		
					37-32		94-3025		
					37-33		94-3024		
					37-34		94-3024		
	38 Drain Line Loop 1	Two	1	1	38-1		92-3455		
					38-3		92-3455		
					38-7		92-3455		
					38-1		94-3409		
	39 HPSI Loop 1	One	2	2	39-1		89-3373		
					39-5		89-3373		
		Two	3	3	39-12		92-3238		
					39-13		92-3238		
					39-24		92-3238		
	40 HPSI Loop 2	One	3	3	40-1		91-3038		
					40-2		91-3038		
					40-3		91-3038		
		Two	2	2	40-6		92-3382		
					40-7		92-3382		
B 9.31	06 RCS Piping	One	1	1	9-8	91-3170	91-3150		
		Two	1	1	13-8	94-3078	94-3055		
						94-3079			
						94-3080			
B 9.32	06 RCS Piping	One	1	1	8-17		89-3452		
		Two	1	1	13-9		94-3055		
	22 Shutdown Cooling 2	One	1	1	22-7A		91-3039		
	36 Letdown Line	Two	2	2	36-41		94-3100		
					36-76		94-3136		
B 9.40	32 Drain Line Loop 1A	One	1	1	32-6		89-3455		
	33 Drain Line Loop 1B	Two	1	1	33-6		92-3246		

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
B 10.10	34 Drain Line Loop 2A	Two	1	1	33-8		92-3246		
					33-9		92-3246		
					34-6		92-3170		
					34-8		92-3174		
					34-9		92-3169		
	38 Drain Line Loop 1	One	1	1	38-5		91-3160		
		Two	0	0	38-4		92-3455		
	22 SD Cooling Loop 2	Two	1	1	SI-193-H23		92-3420		
	26 Safety Injection 2B	One	1	1	SI-179-H10		89-3372		
	36 Letdown	One	1	1	RC-91-H5		89-3659		
B 13.10	01 Reactor Vessel	Two	1	1	RC-91-H6		94-3099		
		One	33%	33%	Acc Areas			89-3682	
								89-3681	
B 14.10	02 Upper Housing Welds	Two	33%	33%	Acc Areas			92-3321	
		One	2	2	9-84	89-3653			
					9-88	89-3654			
		Two	2	2	9-78	94-3402			
					9-89	94-3401			
	Tube Housing Lower Welds	One	2	2	10-84	89-3655			
					10-88	89-3656			
		Two	2	2	10-78	94-3404			
					10-89	94-3403			
B 15.10 thru B 15.70	n/a Systems Leakage Test	One	N/A	N/A	Press Bound			89-3691	CEB 89-6
								89-3692	
								91-3207	
								92-3543	
								92-3544	
		Two	N/A	N/A	Press Bound			93-3001	Nozzle Repair
								94-3003	
								94-3454	
								94-3455	
BFLYWH	16 RCP 1A Flywheel	One	4	4	N/A	91-3056			
						91-3057			
						91-3138			
						91-3058			
						91-3059			
	17 RCP 1B Flywheel				N/A	91-3060			
						91-3061			
	18 RCP 2A Flywheel	Two	4	4	N/A	94-3001			
					N/A	94-3002			
					N/A	94-3273			
	19 RCP 2B Flywheel					94-3274			
					N/A	94-3271			
						94-3272			

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
BIWF	03 Steam Generator 1	One	1	1	3-40			89-3451	
		Two	1	1	4-40			94-3195	
	16 RCP 1A	One	2	2	16-17			89-3688	
					16-18			89-3688	
		Two	4	4	16-12			92-3400	
					16-13			92-3400	
					16-14			92-3400	
					16-15			92-3400	
		One	2	2	17-17			89-3690	
					17-18			89-3689	
		Two	4	4	17-12			92-3402	
					17-13			92-3402	
					17-14			92-3402	
					17-15			92-3402	
	18 RCP 2A	One	4	4	18-12			89-3457	
					18-13			89-3457	
					18-14			89-3457	
					18-15			89-3457	
		Two	2	2	18-12			92-3404	
					18-13			92-3404	
					18-14			92-3404	
					18-15			92-3404	
		One	4	4	19-12			89-3458	
					19-13			89-3458	
	19 RCP 2B				19-14			89-3458	
					19-15			89-3458	
		Two	2	2	19-12			92-3406	
					19-13			92-3406	
					19-14			92-3406	
					19-15			92-3406	
		One	2	2	RC-28-H1			89-3426	
					RC-28-H2			89-3427	
					RC-28-H3			89-3428	BUL 88-11
					RC-28-H4			89-3453	BUL 88-11
	20 PZR Surge				RC-28-H842			89-3436	BUL 88-11
					RC-28-H843			89-3437	BUL 88-11
					RC-28-H844			89-3438	BUL 88-11
		Two	2	2	RC-28-H842			92-3484	
					RC-28-H844			92-3485	
	21 Shutdown Cooling 1	One	7	7	SI-240-H10			89-3322	
					SI-240-H11			89-3345	
					SI-240-H13			89-3344	
					RC-51-H821			91-3151	
					RC-51-H1			91-3180	
					RC-51-H2			91-3153	
					RC-51-H3			91-3152	
		Two	7	7	RC-51-H822			92-3183	
					RC-51-H4			92-3185	
					RC-51-H5			92-3184	
	21 Shutdown Cooling 1				SI-240-H823			92-3189	
					SI-240-H824			92-3188	

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
BIWF					SI-240-H12			92-3187	
					SI-240-H2			92-3186	
	22 Shutdown Cooling 2	One	4	4	RC-68-H2			89-3665	PSE/Replacement
					SI-193-H17			91-3002	
					SI-193-H19			91-3001	
					RC-68-H5			91-3016	
		Two	5	5	RC-68-H6			91-3004	
					SI-193-H20			92-3487	
					SI-193-H23			92-3490	
					SI-193-H25			92-3489	
					SI-193-H8			92-3486	
					SI-193-H9			92-3488	
	23 Safety Injection 1A	One	1	1	SI-207-H5			91-3123	
		Two	2	2	SI-207-H7			94-3162	
					SI-207-H11			94-3163	
	24 Safety Injection 1B	One	2	2	SI-223-H3			89-3324	
					SI-223-H4			89-3454	
		Two	2	2	SI-223-H1			92-3227	
								92-3367	PSE
					SI-223-H2			92-3229	
	25 Safety Injection 2A	One	2	2	SI-156-H7			89-3337	
					SI-156-H9			89-3338	
		Two	3	3	SI-160-H1			94-3167	
					SI-160-H2			94-3168	Support Deleted
					SI-160-H3			94-3169	Support Deleted
	26 Safety Injection 2B	One	3	3	SI-179-H9			89-3664	
					SI-179-H10			89-3323	
					SI-179-H11			89-3343	
		Two	3	3	SI-175-H21			92-3473	
								92-3366	PSE
					SI-175-H22			92-3471	
					SI-175-H23			92-3472	
	27 PZR Spray 1A	One	9	9	RC-62-H26			91-3132	
					RC-62-H27			89-3397	
					RC-62-H28			89-3398	
					RC-62-H29			89-3399	
					RC-62-H30			89-3400	
					RC-62-H31			89-3401	
					RC-62-H32			89-3402	
					RC-62-H33			89-3403	
					RC-62-H34			89-3404	
		Two	9	9	RC-62-H34			92-3533	PSE
					RC-16-H15			94-3033	
					RC-16-H5			94-3029	
					RC-16-H6			94-3030	
					RC-16-H7			94-3031	
					RC-16-H8			94-3032	Support Deleted
					RC-62-H35			94-3034	
					RC-62-H36			94-3035	
					RC-62-H37			94-3036	
					RC-62-H38			94-3037	

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
BIWF	28 PZR Spray 1B	One	9	9	RC-17-H24			89-3431	
					RC-17-H34			89-3405	
					RC-17-H35			89-3406	
					RC-17-H36			89-3407	
					RC-17-H38			89-3408	
					RC-17-H39			89-3409	
					RC-17-H40			89-3410	
					RC-17-H41			89-3411	
					RC-17-H42			89-3412	
		Two	8	8	RC-17-H46			89-3679	PSE/Replacement
					RC-17-H43			94-3009	
					RC-17-H44			94-3010	
					RC-17-H45			94-3011	
					RC-17-H46			94-3012	
					RC-18-H9			94-3013	
					RC-18-H10			94-3014	
					RC-18-H11			94-3015	
					RC-18-H12			94-3016	
	29 PZR Combined Spray	One	2	2	RC-18-H16			89-3413	
					RC-18-H18			89-3414	
		Two	1	1	RC-18-H17			94-3008	
	32 Drain Line 1A	One	2	2	RC-60-HA			89-3434	
					RC-60-HB			89-3435	
		Two	0	0	RC-60-HB			92-3534	PSE
	33 Drain Line 1B	Two	2	2	RC-58-HA			92-3245	
					RC-58-HB			92-3244	
	34 Drain Line 2A	Two	2	2	RC-96-HA			92-3172	
					RC-96-HB			92-3173	
	36 Letdown	One	9	9	RC-91-H1			89-3660	
					RC-91-H5			89-3661	
					RC-91-HAA			89-3443	
					RC-91-HAK			89-3444	
		Two	10	10	RC-91-HB			89-3445	
					RC-91-HD			89-3446	
					RC-91-HE			89-3447	
					RC-91-HY			89-3448	
					RC-91-HZ			89-3449	
					RC-91-HB			92-3535	PSE
					RC-91-HE			92-3536	PSE
					RC-91-H2			94-3098	
					RC-91-H6			94-3097	
					RC-91-HAJ			94-3096	
					RC-91-HAP			94-3095	
					RC-91-HAQ			94-3094	
					RC-91-HP			94-3093	
	37 Charging	One	14	14	CH-5-H2			89-3554	
					CH-5-H3			89-3555	
					CH-5-H25			89-3556	



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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
BIWF					CH-5-H26			89-3557	
					CH-5-H27			89-3558	
					CH-5-H28			89-3559	
					CH-5-H30			89-3539	
					CH-5-H34			89-3560	
					CH-5-H35			89-3540	
					CH-5-H36			89-3561	
					CH-5-H42			89-3562	
					CH-5-H43			89-3563	
					CH-5-H44			89-3564	
					CH-5-HAA			89-3553	
		Two	14	14	CH-5-H22			92-3368	PSE
					CH-5-H32			92-3369	PSE
					CH-5-H13			94-3230	
					CH-5-H16			94-3231	Support Deleted
					CH-5-H17			94-3232	
					CH-5-H18			94-3233	
					CH-5-H19			94-3234	
					CH-5-H20			94-3235	
					CH-5-H21			94-3236	
					CH-5-H22			94-3237	
					CH-5-H23			94-3238	Support Deleted
					CH-5-H24			94-3239	Support Deleted
					CH-5-H32			94-3240	
					CH-5-H37			94-3170	
					CH-5-H45			94-3241	Support Deleted
					CH-5-H46			94-3242	Support Deleted
	38 Drain Line Loop 1	Two	0	0	RC-70-HA			92-3261	PSE
								94-3344	Support Deleted
	39 HPSI Supply Loop 1	One	4	4	SI-248-H26			89-3326	
					SI-248-H27			89-3335	
					SI-248-H28			89-3325	
					SI-248-H30			89-3333	
		Two	5	5	SI-248-H17			92-3242	
					SI-248-H18			92-3257	
					SI-248-H19			92-3241	
					SI-248-H20			92-3240	
					SI-248-H29			92-3239	
	40 HPSI Supply Loop 2	One	3	3	SI-199-H13			91-3128	
					SI-199-H14			91-3129	
					SI-199-H21			91-3130	
		Two	4	4	SI-199-H15			92-3476	
					SI-199-H16			92-3475	
					SI-199-H17			92-3495	
					SI-199-H18			92-3474	
	C 1.10	41 Steam Generator 1	One	1	1	41-3	91-3097		50% of Weld
91-3098								(0 to 180 deg.)	
91-3099									
41-4						91-3068		50% of Weld	
						91-3069		(0 to 180 deg.)	
						91-3070			

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
	68 Reg HT Exchanger	One	1	1	68-7	91-3072			
		Two	1	1	68-5	94-3340			
	69 Letdown HT Exch.	One	50%	50%	69-1	89-3590			0 to 360 deg.
	84 SDCHX 1	Two	50%	50%	74-123	92-3199			180 to 0 deg.
						92-3200			
						92-3201			
C1.20	41 Steam Generator 1	One	50%	50%	41-5	91-3063			0 to 180 deg.
						91-3064			
						91-3065			
	68 Reg HT Exchanger	One	1	1	68-6	91-3071			
C 1.30	41 Steam Generator 1	One	50%	50%	41-1	91-3161			0 to 180 deg.
						91-3162			
	42 Steam Generator 2	Two	50%	50%	42-1	94-3254			
						94-3256			
						94-3258			
	68 Reg HT Exchanger	Two	2	2	68-1	94-3342			
					68-2	94-3341			
	69 Letdown HT Exch.	One	50%	50%	69-2	89-3591			
	84 SDCHX 1	Two	50%	50%	74-124	92-3202			180 to 0 deg.
						92-3203			
						92-3204			
C 2.21	41 Steam Generator 1	One	1	1	41-62	91-3163	91-3168		
		Two	2	2	41-9	94-3419	94-3433		
						94-3421			
						94-3423			
					41-10	94-3420	94-3433		
						94-3422			
						94-3424			
	42 Steam Generator 2	One	1	1	42-63	91-3164	91-3169		
	84 SDCHX 1	Two	1	1	74-122	92-3141	92-3138		
						92-3142			
						92-3143			
C 2.22	84 SDCHX 1	Two	1	1	74-122	92-3140			
	41 Steam Generator 1	Two	2	2	41-9	94-3425			
					41-10	94-3426			
C 3.10	41 Steam Generator 1	One	1	1	41-36		91-3146		
	42 Steam Generator 2	Two	1	1	42-37		94-3354		
	68 Reg HT Exchanger	Two	1	1	68-10		94-3090		
C 3.20	43 Main Steam SG 1	One	1	1	SG-36-H17		89-3288		
		Two	1	1	SG-36-H12		94-3044		
	44 Main Steam SG 1	Two	3	3	SG-33-H14		94-3051		
					SG-33-H15		94-3052		
					SG-33-H16		94-3052		
	45 Main Steam SG 2	One	3	3	SG-42-H14		89-3287		Reject
							89-3607		PSE/Re-exam
					SG-42-H15		89-3290		
							91-3053		
					SG-42-H16		89-3290		
							91-3053		
		Two	1	1	SG-42-H12		94-3140		
	46 Main Steam SG 2	Two	2	2	SG-45-H12		94-3139		
					SG-45-H13		94-3083		

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
	55 Feedwater SG 2	One	1	1	SG-5-H9		91-3027		Code Limitation
	62 Aux FW SG 1	Two	1	1	AF-18-H1		94-3335		
	64 Blowdown SG 1	One	3	3	SG-39-H15		91-3052		
					SG-39-H16		91-3052		
					SG-53-H1		91-3159		
					SG-39-H28		91-3204		Program Exp.
		Two	1	1	SG-39-H1		94-3358		
	65 Blowdown SG 2	One	2	2	SG-48-H20		91-3067		Reject PSE/Re-exam
							91-3205		
					SG-52-H1		91-3042		
					SG-52-H5		91-3202		Program Exp.
					SG-48-H14		91-3203		Program Exp.
					SG-48-H16		91-3201		Program Exp.
					SG-48-H26		91-3201		Program Exp.
		Two	3	3	SG-48-H20		92-3326		Re-exam
					SG-48-H14		94-3145		
					SG-48-H16		94-3145		
					SG-48-H26		94-3145		
	71 LPSI A Discharge	One	1	1	SI-87-H11		89-3005		
	76 CS A Suction	One	1	1	SI-9-H4		89-3007		
	83 SDCHX A	Two	2	2	SI-87-H4		92-3136		
					SI-90-H1		92-3137		
	88 East Wrap	One	1	1	SI-72-H13		89-3129		
	89 East Wrap	One	1	1	SI-194-H14		89-3130		
	91 West Wrap	One	4	4	SI-70-H9		89-3131		
					SI-70-H11		89-3131		
					SI-70-H12		89-3131		
					SI-70-H16		89-3131		
	92 West Wrap	One	1	1	SI-241-H21		89-3156		
		Two	2	2	SI-239-H1		92-3191		
					SI-241-H16		92-3181		
	93 West Wrap	Two	1	1	SI-89-H13		92-3182		
	94 SI A & 88'	Two	2	2	SI-70-H5		92-3273		
					SI-70-H8		92-3274		
	99 SI LPSI 2B	Two	1	1	SI-174-H13		92-3381		
	100 SI LPSI A	One	1	1	SI-369-H1		89-3420		Reject PSE/Re-exam PSE/Re-exam
							89-3658		
							89-3678		
		Two	1	1	84-5		92-3275		
C 3.30	72 LPSI Pump Loop 1	One	2	2	72-3A		89-3003		
					72-3B		89-3003		
		Two	1	1	72-3C		92-3155		
		Two	1	1	73-3A		92-3454		
	75 LPSI Pump Loop 2	Two	1	1	80-3A		89-3009		
	78 CS Pump Loop 1	One	2	2	80-3B		89-3009		
		Two	1	1	80-3C		92-3152		
	81 CS Pump Loop 2	Two	1	1	81-3C		92-3417		
C 4.40	47 MS SG 1 @ 270	One	20	20	UV170	89-3393			
	48 MS SG 1 @ 90	One	20	20	UV180	89-3394			
	56 Feedwater SG-1	Two	20	20	UV132	92-3328			
			20	20	UV174	92-3329			

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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 FW SG 1	One	1	1	58-1	89-3521	89-3456		Vol/BUL 79-13		
		Two	2(5)	2(5)	58-12	92-3386	92-3277				
					58-13	92-3387	92-3277				
					58-16	92-3388	92-3276				
					58-16A	92-3389	92-3276				
					58-1	94-3126	94-3053				
					58-24	94-3149	94-3171				
					58-25	94-3150	94-3171				
		59 Aux FW SG 2	One	1	1	59-1	89-3522	89-3516			Vol/BUL 79-13
			Two	3(5)	3(5)	59-12	92-3390	92-3279			
					59-13	92-3391	92-3279				
					59-16	92-3392	92-3279				
					59-16A	92-3393	92-3278				
					59-1	94-3127	94-3054				
					59-18	94-3146	94-3134				
					59-24	94-3147	94-3134				
					59-25	94-3148	94-3134				
	C 5.21 & 5.22		43 MS SG 1 @ 90	One	3	3	43-1	89-3316	89-3288		
						43-2	89-3360	89-3288			
						43-22	89-3361	89-3288			
44 MS SG 1 @ 270		One	3	3	44-26	89-3362	89-3289				
					44-28	89-3363	89-3289				
					44-30	89-3367	89-3289				
45 MS SG 2 @ 270		Two	1	1	44-5	94-3160	94-3159				
		Two	2	2	45-1	94-3118	94-3140				
					45-2	94-3119	94-3140				
46 MS SG 2 @ 90		One	2	2	46-25	89-3368	89-3291				
					46-27	89-3369	89-3291				
		Two	2	2	46-1	94-3117	94-3139				
54 Feedwater SG 1					46-2	94-3116	94-3139				
		One	5	5	54-25A	91-3006	91-3007				
					54-27	91-3005	91-3007				
					54-41	91-3033	91-3032				
					54-49	91-3034	91-3032				
					54-50	91-3035	91-3032				
		Two	5	5	54-9	94-3121	94-3120				
					54-1	94-3436	94-3007				
					54-2	n/a	94-3007	Extra Exam			
					54-15	94-3437	94-3007				
					54-16	n/a	94-3007	Extra Exam			
					54-10	94-3122	94-3120				
55 Feedwater SG 2					54-11A	94-3123	94-3120				
					54-59	94-3154	94-3128				
					54-60	94-3155	94-3128				
		One	5	5	42-38	91-3036	91-3013				
					55-11	91-3041	91-3167				
					55-12	91-3040	91-3014				
					55-15	91-3037	91-3013				
					55-26	91-3015	91-3014				
		Two	5	5	55-1	94-3438	94-3142				
					55-15	94-3439	94-3142				

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
					55-38	94-3152	94-3143		
					55-39	94-3151	94-3143		
					55-41	94-3153	94-3143		
					42-39	94-3434	94-3142		
	58 Aux & FW SG 1	One	3	3	41-33	91-3106	91-3166		
						91-3107			
					58-19	89-3317	89-3259		
					58-20	89-3318	89-3259		
	59 Aux & FW SG 2	One	2	2	59-33	89-3319	89-3260		
					59-34	89-3320	89-3260		
		Two	2	2	59-16C	94-3264	94-3006		
						94-3137			
					59-20	94-3138	94-3006		
	62 Aux & FW SG 1	One	1	1	62-24	89-3267	89-3186		
		Two	2	2	62-6	94-3337	94-3335		
					62-5	94-3336	94-3335		
	63 Aux & FW SG 2	One	1	1	63-4	89-3268	89-3188		
		Two	2	2	63-20	94-3338	94-3334		
					63-23	94-3339	94-3334		
	64 Blowdown SG 1	One	2	2	64-1	91-3156	91-3165		
					64-2	91-3157	91-3165		
		Two	4	4	64-9	94-3309	94-3172		
					64-16	94-3310	94-3172		
					64-29	94-3311	94-3263		
					64-30	94-3312	94-3263		
	65 Blowdown SG 2	One	4	4	65-22	91-3028	91-3043		
					65-24	91-3029	91-3043		
					65-27	91-3030	91-3043		
					65-28	91-3031	91-3043		
		Two	3	3	65-49	94-3308	94-3130		
					65-51	94-3307	94-3130		
					65-52	94-3306	94-3130		
C7.10	n/a All Pressure	One	All	All	Press Bound			See Remarks	91-3211, 91-3212
C7.30	Retaining Components								91-3215, 92-3001
C7.50									92-3002, 92-3013
C7.70									92-3014, 92-3016
		Two	All	All	Press Bound			See Remarks	94-3451*, 94-3452*
									94-3453*, *relief
									request 9 & 10
CIWF	41 Steam Generator 1	One	2	2	41-36		91-3147		
					41-37		91-3147		
	42 Steam Generator 2	Two	2	2	42-36		94-3430		
					42-37		94-3431		
	43 Main Steam SG 1	One	3	3	SG-36-H17		89-3296		
					SG-36-H884		89-3295		
					SG-36-H885		89-3294		
		Two	2	2	SG-36-H11		94-3043		reject
							94-3351		accept
					SG-36-H12		94-3045		Support Deleted
CIWF	44 MS SG 1	One	2	2	SG-33-H17		89-3297		
					SG-33-H18		89-3298		

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
CIWF		Two	5	5	SG-33-H14			94-3049	Support Deleted
					SG-33-H15			94-3048	Support Deleted
45 MS SG 2	One	3	3		SG-33-H16			94-3050	
					SG-33-H881			94-3047	
					SG-33-H882			94-3046	
					SG-42-H13			91-3181	PSE
					SG-42-H14			89-3292	
					SG-42-H15			89-3293	
								91-3091	
					SG-42-H16			89-3366	
								91-3090	
								94-3084	
46 MS SG 2	One	2	3		SG-42-H11			94-3085	Support Deleted
					SG-42-H12			94-3086	Support Deleted
					SG-42-H13			91-3182	PSE
					SG-45-H14			89-3299	
					SG-45-H17			89-3300	
					SG-45-H18			94-3087	
					SG-45-H11			94-3088	Support Deleted
					SG-45-H12			94-3089	Support Deleted
					SG-45-H13			94-3251	
					SG-45-H887			94-3252	
47 MS SG 1	One	1	1		SG-206-H1			89-3306	
48 MS SG 1	Two	1	1		SG-207-H1			92-3330	
51 ADV SG 1	One	1	1		SG-59-H6			89-3646	
53 Steam to Aux FW	One	4	4		SG-70-H6			92-3542	
					SG-81-H1			89-3169	
					SG-81-H2			89-3588	
					SG-83-H1			89-3170	
					SG-83-H2			89-3171	
					SG-81-H4			92-3332	
					SG-83-H4			92-3333	
					SG-2-H12			91-3003	
					SG-2-H13			91-3044	
					SG-2-H14			91-3046	
54 Feedwater SG 1	One	6	6		SG-2-H15			91-3047	
					SG-2-H4			91-3045	
					SG-2-H5			91-3048	
					SG-13-H802			94-3356	
					SG-13-H1			94-3357	
					SG-2-H803			94-3355	
					SG-2-H806			94-3005	
					SG-2-H9			94-3260	
					SG-2-H10			94-3261	
					SG-2-H11			94-3262	
55 Feedwater SG 2	One	8	8		SG-14-H1			91-3009	
					SG-14-H804			91-3010	
					SG-5-H10			91-3024	
					SG-5-H11			91-3026	
					SG-5-H12			91-3008	
					SG-5-H805			91-3011	
					SG-5-H809			91-3012	

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
CIWF					SG-5-H9			91-3025	
		Two	7	7	SG-5-H4			94-3187	
					SG-5-H5			94-3188	
					SG-5-H6			94-3189	
					SG-5-H7			94-3190	
					SG-5-H8			94-3191	Reject
								94-3450	Accept
					SG-5-H13			94-3192	
					SG-5-H14			94-3193	
					SG-5-H809			94-3004	
56 Feedwater SG 1	Two	1	1		SG-202-H1			92-3331	
58 Aux FW SG 1	One	7	7		SG-8-H2			91-3077	
					SG-8-H20			91-3080	Reject
								91-3206	PSE/Re-exam
					SG-8-H3			91-3078	
					SG-8-H4			91-3079	
					SG-8-H5			91-3131	
					SG-8-H901			91-3081	
					SG-8-H903			91-3082	
	Two	7	7		SG-8-H20			92-3325	Re-exam
					SG-8-H6			94-3174	
					SG-8-H7			94-3352	
					SG-8-H8			94-3175	
					SG-8-H9			94-3176	
					SG-8-H10			94-3177	
					SG-8-H11			94-3178	
					SG-8-H17			94-3179	
59 Aux FW SG 2	One	6	6		AF-6-H1			89-3261	
					SG-11-H8			89-3262	
					SG-11-H9			89-3263	
					SG-11-H10			89-3264	
					SG-11-H11			89-3265	
					SG-11-H12			89-3266	
	Two	6	6		SG-11-H13			94-3180	
					SG-11-H14			94-3181	
					SG-11-H15			94-3182	
					SG-11-H16			94-3183	
					SG-11-H18			94-3184	
					SG-11-H19			94-3185	
60 Downcomer SG 1	One	1	1		SG-200-H9			89-3172	
61 Downcomer SG 2	Two	2	2		SG-203-H13			92-3524	
					SG-203-H14			92-3525	
62 Aux FW SG 1	One	1	1		AF-4-H3			89-3187	
	Two	1	1		AF-18-H1			94-3313	
63 Aux FW SG 2	One	2	2		AF-6-H2			89-3189	
					AF-16-H1			89-3190	
	Two	2	2		AF-6-H3			94-3314	
					AF-6-H5			94-3315	
64 Blowdown SG 1	One	11	11		SG-39-H10			91-3155	
					SG-39-H11			91-3111	
					SG-39-H12			91-3112	

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
CIWF					SG-39-H13			91-3113	
					SG-39-H14			91-3114	
					SG-39-H15			91-3115	
					SG-39-H16			91-3116	
					SG-39-H17			91-3117	
					SG-39-H26			91-3118	
					SG-53-H1			91-3149	
					SG-53-H2			91-3148	
		Two	12	12	SG-39-H1			94-3359	
					SG-39-H2			94-3360	
					SG-39-H3			94-3361	
					SG-39-H4			94-3362	
					SG-39-H5			94-3363	
					SG-39-H6			94-3364	
					SG-39-H27			94-3365	
					SG-53-H3			94-3366	
					SG-53-H4			94-3367	
					SG-53-H5			94-3368	
					SG-53-H6			94-3369	
					SG-53-H7			94-3370	
	65 Blowdown SG 2	One	10	10	SG-48-H2			91-3021	
					SG-48-H3			91-3020	
					SG-48-H4			91-3023	
					SG-48-H19			91-3087	
					SG-48-H20			91-3088	
					SG-48-H21			91-3089	
					SG-52-H1			91-3017	
					SG-52-H2			91-3018	
					SG-52-H3			91-3019	
					SG-52-H4			91-3022	
		Two	11	11	SG-48-H13			94-3371	
					SG-48-H14			94-3372	
					SG-48-H15			94-3373	
					SG-48-H16			94-3374	
					SG-48-H17			94-3375	
					SG-48-H18			94-3376	
					SG-48-H22			94-3377	
					SG-48-H23			94-3378	
					SG-48-H24			94-3379	
					SG-48-H25			94-3380	
					SG-48-H26			94-3381	
	68 Reg HT Exchanger	Two	1	1	68-10			94-3091	
70 LPSI A Suction	One	1	1	SI-67-H4			89-3001		
71 LPSI A Discharge	One	1	1	SI-87-H11			89-3006		
	Two	5	5	SI-78-H1			92-3163		
				SI-78-H2			92-3162		
				SI-87-H1			92-3160		
				SI-87-H2			92-3161		
				SI-87-H3			92-3164		
72 LPSI Pump A	One	2	2	72-3A			89-3002		
				72-3B			89-3002		
	Two	1	1	72-3C			92-3156		

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
CIWF	73 LPSI Pump B	Two	1	1	SI-308-H14			92-3451	
	75 LPSI Pump B	Two	1	1	73-3A			92-3453	
	76 CS Pump A Suction	One	1	1	SI-9-H4			89-3010	
		Two	0	0	SI-67-H1			94-3412	PSE
	77 CS Pump A Disch.	One	4	4	SI-79-H1			89-3015	
					SI-79-H2			89-3011	
					SI-79-H3			89-3012	
					SI-79-H4			89-3013	
		Two	3	3	SI-79-H5			92-3149	
					SI-79-H6			92-3148	
					SI-82-H2			92-3154	
	78 CS Pump A	One	2	2	80-3A			89-3014	
					80-3B			89-3014	
		Two	1	1	80-3C			92-3153	
	79 CS Pump B Suction	One	3	3	SI-34-H1			89-3565	
					SI-34-H2			89-3566	
					SI-34-H3			89-3585	Boric Acid
		Two	2	2	SI-33-H3			92-3537	Re-exam
					SI-33-H4			92-3413	
	80 CS Pump B Disch.	One	3	3	SI-119-H7			89-3603	
					SI-119-H8			89-3567	
					SI-119-H9			89-3568	
		Two	4	4	SI-119-H1			92-3416	
					SI-119-H2			92-3415	
					SI-119-H3			92-3414	
					SI-119-H4			92-3452	
	81 CS Pump B	Two	1	1	81-3C			92-3418	
	82 Shutdown Cooling A	One	2	2	SI-78-H5			89-3114	
					SI-79-H10			89-3115	
	83 Shutdown Cooling A	One	4	4	SI-87-H9			89-3116	
					SI-89-H1			89-3117	
					SI-89-H2			89-3118	
					SI-89-H3			89-3119	
		Two	3	3	SI-87-H4			92-3135	
					SI-90-H1			92-3133	
					SI-90-H2			92-3134	
	85 Shutdown Cooling B	One	3	3	SI-119-H10			89-3569	
					SI-123-H6			89-3570	Reject
								89-3683	PSE/Re-exam
					SI-123-H7			89-3571	
		Two	6	6	SI-119-H11			92-3513	
					SI-119-H13			92-3458	
					SI-119-H14			92-3523	
					SI-123-H2			92-3457	
					SI-123-H5			92-3456	
					SI-123-H8			92-3514	
	86 Shutdown Cooling B	One	3	3	SI-129-H10			89-3572	
					SI-129-H11			89-3573	
					SI-129-H12			89-3574	

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
CIWF	86 Shutdown Cooling B Two		7	7	SI-129-H7			92-3520	
					SI-129-H8			92-3521	
					SI-135-H1			92-3517	
					SI-135-H2			92-3518	
					SI-135-H3			92-3519	
					SI-72-H3			92-3539	PSE
					SI-72-H5			92-3515	
	88 Safety Injection	One	8	8	SI-72-H6			92-3516	
					SI-72-H11			89-3133	
					SI-72-H13			89-3134	
					SI-72-H14			89-3135	
					SI-72-H21			89-3136	
					SI-72-H22			89-3137	
					SI-73-H1			89-3138	
					SI-73-H2			89-3139	
					SI-73-H3			89-3140	
					SI-72-H15			91-3092	PSE/Load Pin
	89 Safety Injection	One	4	4	SI-194-H12			89-3141	
					SI-194-H13			89-3142	
					SI-194-H14			89-3143	
					SI-194-H23			89-3144	
	90 Safety Injection	Two	2	2	SI-134-H9			92-3491	
					SI-134-H10			92-3492	
	91 Safety Injection	One	7	7	SI-70-H9			89-3145	
					SI-70-H10			89-3146	
					SI-70-H11			89-3147	
					SI-70-H12			89-3148	
					SI-70-H13			89-3149	
					SI-70-H15			89-3150	
					SI-70-H16			89-3151	
		Two	2	2	SI-71-H2			92-3151	
					SI-71-H3			92-3150	
	92 Safety Injection	One	5	5	SI-239-H3			89-3152	
					SI-241-H12			89-3157	
					SI-241-H14			89-3153	
					SI-241-H15			89-3154	
					SI-241-H21			89-3158	Reject
		Two	5	5				89-3676	PSE/Re-exam
					SI-239-H1			92-3192	
					SI-239-H2			92-3193	
	93 Safety Injection	Two	2	2	SI-241-H9			92-3179	
								92-3263	PSE
								94-3353	PSE
					SI-241-H11			92-3178	
					SI-241-H16			92-3180	
					SI-89-H10			92-3177	
	94 Safety Injection	One	3	3	SI-89-H13			92-3176	
					SI-89-H7			89-3023	
					SI-89-H8			89-3024	
					SI-89-H9			89-3025	

APPENDIX A

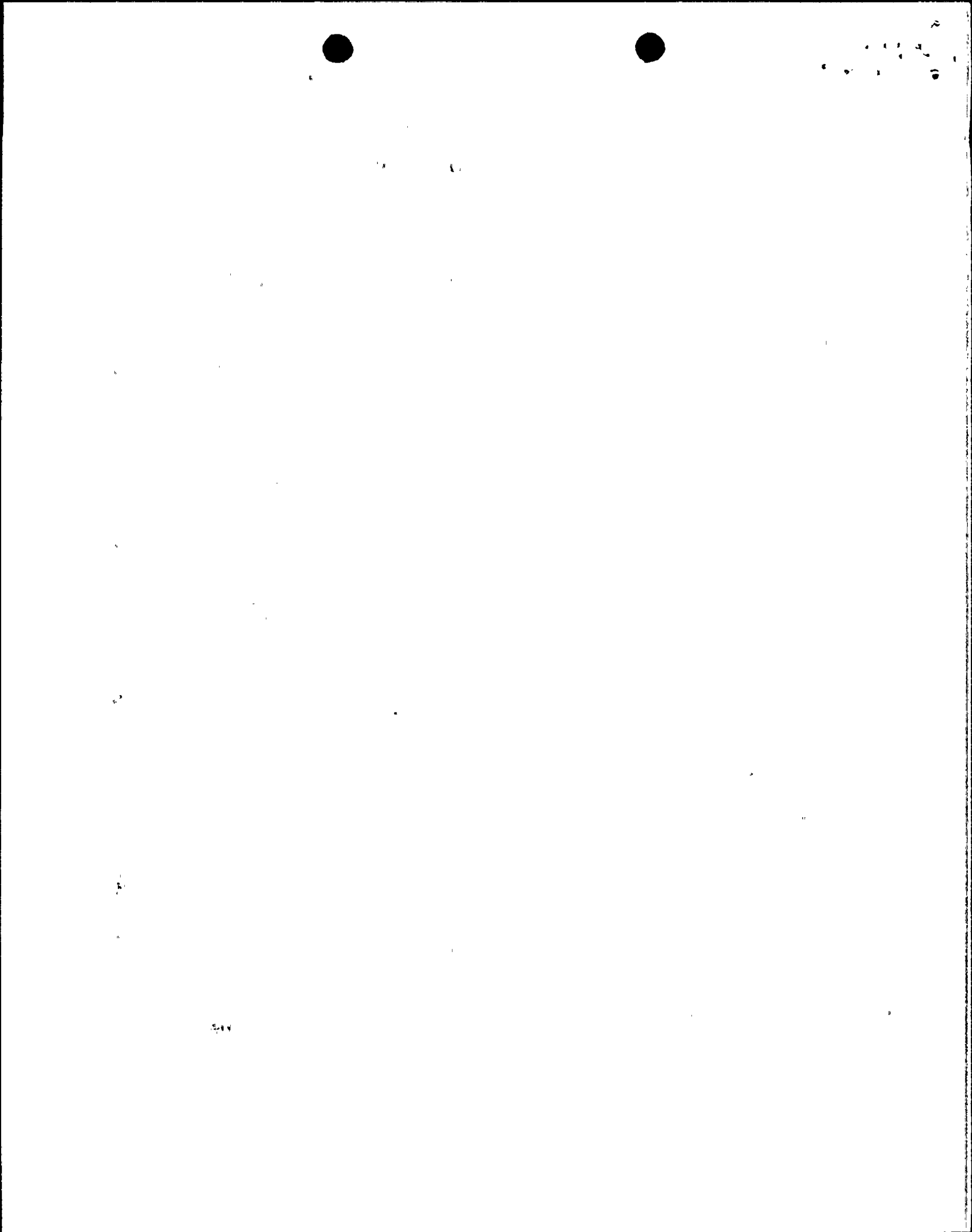
INSERVICE INSPECTION SUMMARY REPORT

ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
CIWF		Two	7	7	SI-241-H6			92-3272	
					SI-241-H7			92-3258	Reject
								92-3262	Re-exam
					SI-241-H8			92-3281	
					SI-241-H17			92-3282	
					SI-70-H4			92-3280	
					SI-70-H5			92-3271	
					SI-70-H8			92-3270	
95 Safety Injection	One	6	6		SI-72-H8			89-3575	
					SI-72-H10			89-3576	
					SI-134-H11			89-3577	
					SI-134-H12			89-3586	Reject
								89-3684	PSE/Re-exam
					SI-194-H3			89-3578	
					SI-194-H5			89-3579	
	Two	10	10		SI-194-H4			92-3461	
					SI-194-H7			92-3462	
					SI-194-H8			92-3463	
					SI-194-H9			92-3493	Reject
								92-3538	Re-exam
					SI-194-H10			92-3464	
					SI-194-H11			92-3468	
					SI-194-H15			92-3465	
					SI-194-H21			92-3460	
					SI-72-H7			92-3467	
					SI-72-H9			92-3466	
96 LPSI 1A	One	3	3		SI-202-H7			89-3340	
					SI-202-H8			89-3339	
					SI-202-H9			89-3341	
	Two	8	8		SI-202-H2			92-3267	
					SI-202-H3			92-3266	
								92-3357	PSE
					SI-202-H4			92-3283	
					SI-202-H5			92-3195	
					SI-202-H6			92-3194	
					SI-202-H10			92-3269	
					SI-202-H11			92-3268	
					SI-202-H12			92-3358	PSE
					SI-202-H15			92-3293	
97 LPSI 1B	One	10	10		SI-220-H8			89-3330	
					SI-220-H9			89-3336	
					SI-220-H10			89-3347	
					SI-220-H11			89-3329	
					SI-220-H12			89-3328	
					SI-220-H13			89-3331	
					SI-220-H14			89-3321	
					SI-220-H15			89-3332	
					SI-220-H19			89-3450	
					SI-220-H22			89-3342	
	Two	7	7		SI-220-H1			92-3259	Reject
								92-3265	Re-exam
					SI-220-H7			92-3360	PSE

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
CTWF	98 LPSI 2A	One	2	2	SI-220-H12			92-3361	PSE
					SI-220-H16			92-3284	
					SI-220-H17			92-3288	
					SI-220-H18			92-3287	
					SI-220-H20			92-3260	Reject
								92-3264	Re-exam
		Two	4	4	SI-220-H21			92-3286	
					SI-220-H24			92-3362	PSE
					SI-220-H27			92-3359	PSE
					SI-220-H28			92-3285	
					SI-220-H29			92-3363	PSE
					SI-155-H5			89-3334	
	99 LPSI 2B	Two	4	4	SI-155-H6			89-3327	
					SI-155-H1			92-3469	
					SI-155-H2			92-3481	
					SI-155-H3			92-3483	
					SI-155-H4			92-3482	
					SI-155-H6			92-3364	PSE
		Two	5	5	SI-155-H7			92-3522	
					SI-174-H7			92-3478	
					SI-174-H8			92-3480	
								92-3365	PSE
					SI-174-H9			92-3479	
					SI-174-H10			92-3470	
FR 5.11 & 5.12	100 LPSI A Suction	One	2	2	SI-174-H13			92-3477	
					SI-241-H19			89-3346	
					SI-369-H1			89-3440	
		Two	1	1	84-5			92-3356	
					70-58	89-3016	89-3004		
					70-69	89-3017	89-3004		
	70 LPSI A Suction	Two	4	4	70-104	89-3018	89-3004		
					70-44	92-3225	92-3157		
					70-46	92-3226	92-3157		
		One	3	3	70-61	92-3220	92-3190		
					70-103	92-3219	92-3157		
					72-5	89-3019	89-3005		
	71 LPSI A Discharge	Two	3	3	72-6	89-3020	89-3005		
					72-8	89-3021	89-3005		
					72-18	92-3166	92-3197		
		One	2	2	74-45	92-3167	92-3198		
					74-46	92-3165	92-3196		
					80-10	89-3027	89-3007		
	76 CS Pump A & B & Suction	Two	2	2	80-16	89-3022	89-3007		
					81-12	92-3503	92-3419		
					81-15	92-3502	92-3419		
		One	3	3	82-1	89-3029	89-3008		
					82-1A	89-3028	89-3008		
					82-2A	89-3030	89-3008		
	77 CS Pump A & B & Discharge	Two	4	4	82-15	92-3216	92-3147		
					82-16	92-3218	92-3146		
		One	3	3	82-31	92-3217	92-3145		



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
	82 SDCHX Inlet A & B	One	2	2	83-1A 72-48	92-3410 89-3120	92-3412 89-3112		
	&				72-61	89-3121	89-3112		
	85	Two	4	4	72-52	92-3327	92-3294		
					73-36	92-3499	92-3459		
					73-37	92-3500	92-3459		
					73-63	92-3501	92-3459		
	83 SDCHX Outlet A&B	One	6	6	74-19	89-3126	89-3111		
	&				74-21	89-3127	89-3111		
	86				74-74	89-3122	89-3111		
					74-87	89-3123	89-3113		
					74-100	89-3124	89-3111		
					74-105	89-3125	89-3111		
		Two	3	3	74-1	92-3212	92-3159		
						92-3213			
					74-3	92-3214	92-3144		
					74-117	92-3207	92-3139		
	88 Safety Injection	One	2	2	74-44	89-3161	89-3131		
	& East & West Wraps				76-2	89-3160	89-3131		
	91	Two	2	2	77-8	92-3206	92-3158		
					77-10D	92-3215	92-3158		
	89 SD Cooling Suction	One	5	5	70-2	89-3163	89-3132		
	& East & West Wraps				70-16	89-3164	89-3156		
	92				70-17	89-3165	89-3156		
					70-80	89-3162	89-3132		
					70-85	89-3159	89-3156		
		Two	1	1	71-79	92-3411	92-3425		
	90 Safety Injection	Two	4	4	83-55	92-3407	92-3424		
	& East & West Wraps				83-56	92-3408	92-3424		
	93				83-59	92-3409	92-3423		
					82-64	94-3435	94-3447		
	94 Safety Injection	One	2	2	82-47	89-3031	89-3026		
	& Train A & B				82-48	89-3032	89-3026		
	95								
	100 LPSI Suction	One	1	1	70-134	89-3460	89-3419		
	& Inside Containment	Two	2	2	70-116	92-3205	92-3309		
	101				71-136	92-3422	92-3526		
FR 5.21 & 5.22	88 LPSI Header to	One	1	1	78-16	89-3166	89-3128		
	& Loop- West Wrap								
	91								
	90 Safety Injection	Two	1	1	84-9	92-3221	92-3175		
	& East & West Wrap								
	93								
	97 LPSI Header to	One	2	2	78-45	89-3422	89-3418		
	& Primary Loops				78-47	89-3421	89-3418		
	98	Two	3	3	77-22	92-3291	92-3292		
					77-27	92-3290	92-3292		
					77-28D	92-3289	92-3292		
FR 5.31	82 SD Cooling A	One	1	1	72-49B		89-3112		
	91 Safety Injection	One	1	1	74-102		89-3131		

APPENDIX B

INSERVICE INSPECTION
CODE LIMITATIONS

"NO CODE LIMITATIONS WERE
IDENTIFIED"

APPENDIX C

FORM

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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
2. PLANT PALO VERDE NUCLEAR GENERATING STATION
ADDRESS 5801 SOUTH WINTERSBURG ROAD, TONOPAH, ARIZONA 85354
3. UNIT NUMBER: 3
4. OWNERS CERTIFICATE OF AUTHORIZATION - NONE-
5. COMMERCIAL SERVICE DATE: January 08, 1988
6. COMPONENTS INSPECTED: .

**COMPONENT OR
APPURTENANCE****MANUFACTURER,
OR INSTALLER****SERIAL
NUMBER****STATE OR
PROVINCE****NATIONAL
BOARD NO**

The items examined are listed in Appendix A. This report is a compilation of Period one examinations and all Period 2 examinations completed through June 16, 1994.

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APS

NIS-1 BACK

OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

7. EXAM DATES 11/30/93 TO 06/16/94
8. INSPECTION INTERVAL FROM 01/08/88 TO 01/10/98
9. ABSTRACT OF EXAMINATIONS. INCLUDE A LIST OF EXAMINATIONS AND A STATEMENT CONCERNING STATUS OF WORK REQUIRED FOR CURRENT INTERVAL

The items examined are listed in Appendix A.

10. ABSTRACT OF CONDITIONS NOTED

The items noted with abnormal conditions were loosened bolting, damaged threads, and cracked structural steel welds.

11. ABSTRACT OF CORRECTIVE MEASURES RECOMMENDED AND TAKEN

The corrective measures taken are listed in Section 7.0. Additionally, several repairs and replacements have been performed since the last summary report due to routine and corrective maintenance. The work was performed in accordance with ASME Section XI and APS Work Control procedures. The documentation for these repairs and replacements are maintained on file at Palo Verde Nuclear Generating Station.

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 8-24-94 SIGNED: ARIZONA PUBLIC SERVICE COMPANY

BY *R. B. [Signature]*

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 11-30-93 TO 6-16-94, 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 *R. B. [Signature]*

COMMISSIONS NB 9685 "N"-1 Az. 264
NATIONAL BOARD, STATE, PROVINCE

DATE 8-25-94

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