

PALO VERDE NUCLEAR GENERATING STATION

UNIT 3

INSERVICE INSPECTION REPORT

SIXTH REFUELING OUTAGE

ARIZONA NUCLEAR POWER PROJECT

P.O. BOX 52034

PHOENIX, AZ. 85072

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COMMERCIAL SERVICE DATE: 1/08/88

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UNIT 3

INSERVICE INSPECTION REPORT

1.0 Introduction

This report is a summary of the examinations performed during the sixth 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 3 and was conducted during the sixth refueling outage which began in February 1997, and was completed on March 28, 1997. 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 and 2 refueling outages and the first and second outages in Period 3. All of the examination report numbers listed in Appendix A for the sixth 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. Rejectable indications that were evaluated using surface conditioning and found to be acceptable are documented in accordance with the applicable NDE procedures.



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, Lambert, MacGill, Thomas, Inc. (LMT), or MQS 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
27	9922844	RC-V240	Loose Bolting

The loose nuts were tightened. 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
BW:	Borg Warner
CS:	Containment Spray
FW:	Feedwater
HPSI:	High Pressure Safety Injection
Letdown HT Exch:	Letdown Heat Exchanger
LPSI:	Low Pressure Safety Injection
MS:	Main Steam
PSV:	Pressure Safety Valve
PSE:	Preservice Examination
PZR:	Pressurizer
RCP:	Reactor Coolant Pump
RCS:	Reactor Coolant System
Reg HT Exch:	Regenerative Heat Exchanger
SD:	Shutdown
SDCHX:	Shutdown Cooling Heat Exchanger
SG:	Steam Generator
SI:	Safety Injection

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		
52 Atmospheric Dump			Three	20	20	52-65	95-3461	95-3321		
						52-66	95-3460	95-3321		
						52-67	95-3459	95-3321		
						52-68	95-3450	95-3326		
						52-69	95-3449	95-3326		
						52-70	95-3448	95-3326		
						52-71	95-3447	95-3326		
						52-72	95-3446	95-3326		
						52-73	95-3445	95-3326		
						52-74	95-3444	95-3326		
						52-75	95-3443	95-3326		
						52-76	95-3442	95-3326		
						52-77	95-3458	95-3321		
						52-78	95-3457	95-3321		
						52-79	95-3456	95-3326		
						52-80	95-3455	95-3326		
						52-81	95-3454	95-3326		
						52-82	95-3453	95-3326		
						52-83	95-3452	95-3326		
						52-84	95-3451	95-3391		
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		

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 5.21 & 5.22	47 Main Steam SG-1		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		
			Three	9	9	53-26	95-3424	95-3325		
						53-27	95-3423	95-3325		
						53-28	95-3422	95-3325		
						53-29	95-3421	95-3325		
						53-30	95-3420	95-3325		
						53-31	95-3419	95-3325		
						53-32	95-3418	95-3325		
						53-34	95-3417	95-3325		
						53-35	95-3416	95-3325		
			One	12	12	47-1	89-3377	89-3302		
							89-3385	89-3302		Longseam weld
						47-2	89-3378	89-3302		
							89-3379	89-3302		Longseam weld
						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		
						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			
						48-1	92-3527	92-3251		
	48 Main Steam SG-1		Two	12	12	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

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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
						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		
			Three	12	12	49-1	95-3351	95-3277		
						49-2	95-3350	95-3277		
						49-4	95-3441	95-3277		
						49-8	95-3440	95-3277		
						49-12	95-3437	95-3277		
						49-16	95-3439	95-3277		
						49-20	95-3438	95-3276		
						49-24	95-3338	95-3276		
						49-25	95-3341	95-3276		
						49-28	95-3425	95-3276		
						49-29	95-3426	95-3276		
						49-30	95-3340	95-3276		
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		
			Three	12	12	50-1	95-3296	95-3270		
						50-2	95-3297	95-3270		
						50-4	95-3337	95-3270		
						50-8	95-3336	95-3271		
						50-12	95-3335	95-3271		
						50-16	95-3334	95-3271		
						50-20	95-3333	95-3271		
						50-24	95-3291	95-3267		
						50-25	95-3290	95-3267		
						50-28	95-3427	95-3267		
						50-29	95-3428	95-3267		
						50-30	95-3289	95-3267		
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		

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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
						51-6	89-3597	89-3304		
						51-7	89-3598	89-3304		
						51-8A	89-3599	89-3304		
						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
			Three	29	29	52-1	95-3378	95-3269		
								95-3319		
						52-2	95-3381	95-3319		
						52-3	95-3382	95-3319		
						52-4	95-3429	95-3319		
						52-5	95-3430	95-3319		
						52-6	95-3431	95-3319		
						52-7	95-3432	95-3319		
						52-8	95-3433	95-3319		
						52-9	95-3434	95-3319		
						52-10	95-3435	95-3319		
						52-27	95-3330	95-3320		
						52-28	95-3331	95-3320		
						52-29	95-3332	95-3320		
						52-30	95-3328	95-3320		
						52-31	95-3327	95-3320		
						52-32	95-3372	95-3320		
						52-33	95-3371	95-3320		
						52-34	95-3370	95-3320		
						52-35	95-3369	95-3320		
						52-36	95-3375	95-3322		



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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
						52-37	95-3376	95-3322		
						52-38	95-3377	95-3320		
						52-50	95-3436	95-3319		
						52-52	95-3329	95-3320		
						52-53	95-3379	95-3319		
								95-3269		
						52-54	95-3380	95-3319		
						52-55	95-3374	95-3320		
						52-56	95-3373	95-3320		
						52-57	95-3368	95-3320		
	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		
	57	Feedwater SG-2	Three	6	6	57-1	97-3340	97-3339		
						57-4	97-3337	97-3345		
						57-6	97-3290	97-3345		
						57-7	97-3288	97-3345		
						57-9	97-3289	97-3345		
						57-11	97-3341	97-3339		
	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		
						61-6	92-3510	92-3375		
			Three	9	9	61-7	95-3359	95-3372		
						61-8	95-3360	95-3272		
						61-9	95-3362	95-3272		
						61-11	95-3361	95-3272		
						61-12	95-3364	95-3272		
						61-14	95-3363	95-3272		
						61-15	95-3365	95-3272		
						61-16	95-3366	95-3272		
						61-17	95-3367	95-3272		
	66	Blowdown SG-1	One	9	9	66-1	89-3269	89-3191		



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 5.31	47 Main Steam SG-2	Two	6	6	66-2	89-3270	89-3191			
					66-3	89-3271	89-3191			
					66-5	89-3273	89-3191			
					66-6	89-3274	89-3191			
					66-7	89-3275	89-3191			
					66-8	89-3276	89-3191			
					66-9	89-3277	89-3191			
					66-25	89-3272	89-3301			
					66-10	94-3400	94-3432			
					66-11	94-3397	94-3432			
					66-12	94-3396	94-3432			
					66-13	94-3399	94-3432			
					66-14	94-3398	94-3432			
					66-15	94-3395	94-3432			
					67-7	94-3413	94-3350			
					67-8	94-3414	94-3350			
					67-9	94-3415	94-3350			
					67-10	94-3416	94-3350			
					67-11	94-3417	94-3350			
					67-12	94-3418	94-3350			
			Three	6	67-1	95-3303	95-3268			
					67-2	95-3302	95-3268			
					67-3	95-3304	95-3268			
					67-5	95-3305	95-3268			
					67-6	95-3306	95-3268			
					67-22	95-3301	95-3268			
					47-3	89-3386	89-3302			
					47-7	89-3387	89-3302			
					47-11	89-3388	89-3302			
					47-15	89-3389	89-3302			
AHE 5.31	48 Main Steam SG-1	Two	9	9	47-19	89-3380	89-3311			
					47-23	89-3381	89-3302			
					47-27	89-3382	89-3311			
					48-3	92-3319	92-3253			
					48-7	92-3320	92-3253			
					48-11	92-3496	92-3253			
					48-15	92-3315	92-3254			
					48-19	92-3316	92-3254			
					48-23	92-3317	92-3255			
					48-27	92-3314	92-3255			
					48-34	92-3322	92-3254			
					48-35	92-3530	92-3305			
					49-3	95-3349	95-3277			
					49-7	95-3348	95-3277			
					49-11	95-3346	95-3277			
AHE 5.31	49 Main Steam SG-2	Three	9	9	49-15	95-3345	95-3277			
					49-19	95-3344	95-3276			
					49-23	95-3343	95-3278			
					49-27	95-3342	95-3276			
					49-34	95-3347	95-3277			
					49-35	95-3339	95-3412			



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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
	50Main Steam SG-2	Three	7	7	50-3	95-3298	95-3270		
					50-7	95-3300	95-3271		
					50-11	95-3299	95-3271		
					50-15	95-3295	95-3271		
					50-19	95-3294	95-3271		
					50-23	95-3292	95-3267		
					50-27	95-3293	95-3267		
B 1.22	02 Closure Head	One	33%	33%	2-4	89-3614	89-3619		
						89-3615			
						89-3618			
		Two	33%	33%	2-4	94-3406			
						94-3407			
						94-3408			
		Three	34%	34%	2-4	95-3212	95-3191		
						95-3222			
						95-3225			
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	89-3619		
						89-3616			
						89-3617			
		Two	33%	33%	2-1	94-3406	94-3405		
						94-3407			
						94-3408			
		Three	34%	34%	2-1	95-3211	95-3191		
						95-3221			
						95-3224			
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			
		Three	34%	34%	5-2	97-3181			
						97-3185			
						97-3189			
					5-3	97-3182			Longitudinal
						97-3186			
						97-3190			
					5-4	94-3061			Longitudinal
						94-3065			
						94-3070			
	05 Pressurizer Shell to Top Head	One	33%	33%	5-8	89-3465			
						89-3467			
						89-3469			
		Two	33%	33%	5-8	94-3056			
						94-3062			
						94-3068			
		Three	34%	34%	5-8	97-3326			
						97-3327			
						97-3328			



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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 2.31	03 Steam Generator 1	One	1	1	3-5	5-7	97-3325			Longitudinal
							97-3329			
							97-3330			
						5-6	94-3057			Longitudinal
							94-3064			
							94-3071			
							91-3054			
							91-3184			
							91-3185			
							91-3186			
							91-3187			
		Two	1	1	3-2		94-3289			
		Three	1	1	3-18		94-3290			
							94-3291			
							97-3350			
							97-3355			
							97-3359			
	04 Steam Generator 2	One	1	1	4-2		91-3171			
							91-3172			
							94-3200			
							94-3205			
							94-3210			
							94-3215			
		Two	1	1	4-5		94-3220			
							94-3225			
							97-3352			
							97-3356			
							97-3358			
							91-3192			
B 2.32	03 Steam Generator 1	One	4	4	3-10		91-3193			
							91-3194			
							91-3195			
							91-3196			
							91-3197			
							91-3198			
		Two	1	1	3-4		94-3265			
							94-3267			
							94-3269			
							97-3040			
							97-3043			
							97-3045			
	04 Steam Generator 2	Two	5	5	4-4		94-3219			
							94-3223			
							94-3228			
						4-10	94-3217			
							94-3222			
							94-3227			
		Three	1	1	3-3		97-3040			
							97-3043			
							97-3045			
							94-3219			
							94-3223			
							94-3228			
						4-11	94-3202			
							94-3207			
							94-3212			



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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 2.40	03 Steam Generator 1					4-12	94-3203			
							94-3208			
							94-3213			
						4-13	94-3204			
							94-3209			
							94-3214			
						Three	1	1	4-3	
							97-3041			
							97-3044			
							97-3046			
	04 Steam Generator 2					One	1	1	3-6	
							91-3055			
							91-3188			
							91-3189			
						Three	1	1	3-19	
							97-3351			
							97-3354			
							97-3360			
							91-3190			
							91-3191			
						Two	1	1	4-6	
							94-3201			
							94-3206			
							94-3211			
							94-3216			
							94-3221			
							94-3226			
						Three	1	1	4-19	
							97-3353			
							97-3357			
							97-3361			
B 3.90	01 Reactor Vessel		One	2	2	1-15				B&W Report
B 3.100	01 Reactor Vessel		One	2	2	1-18				B&W Report
						1-15				B&W Report
B 3.110	05 Pressurizer		One	2	2	1-18				B&W Report
						5-11	89-3466			
							89-3468			
							89-3470			
							89-3518			
						5-9	89-3520			
							89-3542			
						Two	2	2	5-10	
							94-3059			
							94-3066			
							94-3072			
						5-13	94-3060			
							94-3067			
							94-3073			
						Three	2	2	5-12	
							97-3183			
							97-3187			
							97-3191			
						5-14	97-3184			
							97-3188			
							97-3192			
B 3.120	05 Pressurizer Inner Radius		One	2	2	5-11	89-3537			
						5-9	89-3580			
			Two	2	2	5-10	94-3074			

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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 3.130	03 Steam Generator 1		Three	2	2	5-13	94-3075			
						5-10	95-3070			
							95-3071			
			5-12				95-3072			
							97-3164			
							97-3166			
			5-14				97-3163			
							97-3165			
							97-3165			
	04 Steam Generator 2		One	1	1	3-9	91-3177			
							91-3178			
							94-3266			
			Two	1	1	3-7	94-3268			
							97-3063			
							97-3064			
			Three	1	1	3-8	97-3065			
							94-3270			
							91-3173			
B 3.140	03 Steam Generator 1 Inner Radius		One	1	1	3-9	91-3179			
			Two	1	1	3-7	94-3304			
			Three	1	1	3-8	97-3109			
	04 Steam Generator 2 Inner Radius		One	1	1	4-9	91-3175			
			Two	1	1	4-7	94-3305			
			Three	1	1	4-8	97-3110			
	02 Closure Head		One	8	8	CEDM			91-3207	
			Two	8	8	CEDM			92-3543	
			Three	9	9	CEDM			95-3468	
	01 Reactor Vessel		One	5	5	ICI			91-3207	
			Two	5	5	ICI			92-3543	
			Three	6	6	ICI			95-3468	
B 4.20	05 Pressurizer		One	3	3	HTRS			91-3207	
			Two	3	3	HTRS			92-3543	
			Three	3	3	HTRS			95-3468	
B 5.40	20 Pressurizer Surge		One	2	2	5-34	89-3544	89-3543		
						5-29	89-3463	89-3442		
	31 Pressurizer Safety							89-3608		Reject PSE/Re-exam
	29 Pressurizer Spray		Two	2	2	5-33	94-3194	94-3173		
							94-3076			
	31 Pressurizer Safety					5-31	94-3081	94-3019		IEIN 82-09
							94-3082			
			Three	2	2	5-30	97-3316			
							97-3315	97-3119		
B 5.130	20 Pressurizer Surge		Three	1	1	5-32	97-3317			
							97-3318	97-3119		
							97-3069	97-3076		
							97-3070			



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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 5.130	21 Shutdown Cooling 1	One	1	1	6-11	91-3108	91-3093		
	22 Shutdown Cooling 2	Two	1	1	7-9	94-3124	94-3141		
	23 Safety Injection 1A	One	1	1	9-10	91-3144	91-3124		
						91-3145			
	24 Safety Injection 1B	Three	1	1	11-10	95-3118	95-3062		
B 5.140	25 Safety Injection 2A	Two	1	1	13-10	94-3101	94-3039		
	26 Safety Injection 2B	Three	1	1	15-9	95-3078	95-3063		
	27 PZR Spray 1A	One	1	1	9-11		91-3134		
	28 Pressurizer Spray	Two	1	1	11-11		94-3186		
	32 Drain Line 1A	One	1	1	8-18		89-3432		
B 6.10	33 Drain Line 1B	Two	1	1	10-18		92-3247		
	34 Drain Line 2A	Three	1	1	12-18		95-3022		
	36 Letdown	Three	1	1	14-18		97-3100		
	37 Charging Line	Two	1	1	13-11	94-3077	94-3024		IEIN 82-09
	02 Closure Head Nuts	One	18	18	1 thru 18		91-3062		
B 6.30		Two	18	18	19 thru 36	92-3209	92-3211		
		Three	18	18	37 thru 54		95-3262	95-3263	
	02 Closure Head Studs	One	18	18	1 thru 18	91-3066	91-3073		
		Two	18	18	19 thru 36	92-3208	92-3210		
		Three	18	18	37 thru 54	95-3264	95-3265		
B 6.50							95-3266		
	02 Closure Head Washers	One	18	18	1 thru 18		91-3050	91-3049	Surface Exam to Verify Indication
								91-3051	
		Two	18	18	19 thru 36			92-3168	
		Three	18	18	37 thru 54			95-3261	
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	
		Three	6	6	1 thru 16	97-3279		95-3468	IEIN 80-27
	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	
		Three	6	6	1 thru 16	97-3279		95-3468	IEIN 80-27
	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	
B 6.200		Two	5	5	1 thru 16			92-3543	IEIN 80-27
						94-3287		94-3283	
		Three	6	6	1 thru 16	97-3279		95-3468	IEIN 80-27
	19 RCP 2B Flange Studs	One	5	5	1 thru 16	89-3620	89-3621	89-3622	
						89-3641	89-3643	89-3645	
								91-3207	
		Two	5	5	1 thru 16			92-3543	IEIN 80-27
						94-3288		94-3284	
		Three	6	6	1 thru 16	97-3279		95-3468	IEIN 80-27
	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	

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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 7.20			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	
			18 RCP 2A Nuts/Rings	Two	5	5	1 thru 16		94-3283	
			19 RCP 2B Nuts/Rings	Two	5	5	1 thru 16		94-3284	
			16 RCP 1A Nuts/Rings	Three	6	6	1 thru 16		97-3313	
			17 RCP 1B Nuts/Rings	Three	6	6	1 thru 16		97-3313	
			18 RCP 2A Nuts/Rings	Three	6	6	1 thru 16		97-3313	
			19 RCP 2B Nuts/Rings	Three	6	6	1 thru 16		97-3313	
			05 PZR Manway Studs	One	20	20	20 pairs		89-3606	
			and Nuts	Two	20	20	20 pairs	92-3336	92-3334	
									92-3335	PSE/Replacement
									93-3004	
									93-3006	
									94-3343	
				Three	20	20	20 pairs	95-3397	95-3396	
									94-3470	Mid Cycle
									97-3124	
			03 SG 1 Manway Studs	One	40	40	40 pairs	89-3610	89-3609	Reject
			and Nuts						89-3651	PSE Replacement
B 7.30									91-3120	Reject
									91-3121	PSE/Replacement
				Two	40	40	40 pairs		92-3310	Reject
									92-3323	PSE/Replacement
									92-3337	PSE/Replacement
									93-3002	
								94-3276	94-3278	
				Three	40	40	40 pairs		95-3256	
									94-3470	Mid Cycle
									94-3472	PSE Mid Cycle
									97-3122	
			04 SG 2 Manway	One	40	40	40 pairs	89-3610	89-3609	Reject
			Studs and Nuts						89-3651	PSE/Replacement
									91-3120	Reject
									91-3121	PSE/Replacement
				Two	40	40	40 pairs		92-3310	Reject
									92-3323	PSE/Replacement
									93-3003	Reject
									93-3005	PSE/Replacement
								94-3277	94-3279	
				Three	40	40	40 pairs		95-3257	
									94-3470	Mid Cycle
									94-3472	PSE Mid Cycle
									97-3123	
B 7.50			31 PZR PSV	One	1	1	PSV200	89-3629	89-3633	
			Stud and Nuts						91-3083	
							PSV201	89-3629	89-3633	
									91-3084	
							PSV202	89-3629	89-3633	
									91-3085	

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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
						PSV203		89-3629	89-3633	
									91-3086	
			Two	1	1	PSV200			92-3324	
								94-3275	94-3280	
						PSV201			92-3324	
								94-3275	94-3280	
						PSV202			92-3324	
								94-3275	94-3280	
						PSV203			92-3324	
								94-3275	94-3280	
			Three	2	2	PSV 200			95-3288	
									95-3275	
									95-3318	
									94-3469	Mid Cycle
									97-3265	
						PSV 201			95-3275	
									95-3318	
									94-3469	Mid Cycle
									97-3265	
						PSV 202			95-3274	
									95-3318	
									94-3469	Mid Cycle
									97-3265	
						PSV 203			95-3318	
									94-3469	Mid Cycle
									97-3265	
		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	
			Three	6	6	1 thru 16			95-3392	
		17 RCP 1B Seal Hous.	One	5	5	1 thru 16			89-3687	
			Two	5	5	1 thru 16			92-3401	
			Three	6	6	1 thru 16			95-3393	
B 7.60		18 RCP 2A Seal Hous.	One	5	5	1 thru 16			89-3662	
			Two	5	5	1 thru 16			92-3403	
			Three	6	6	1 thru 16			95-3394	
		19 RCP 2B Seal Hous.	One	5	5	1 thru 16			89-3663	
			Two	5	5	1 thru 16			92-3405	
			Three	6	6	1 thru 16			95-3395	
B 7.70		21 SD Cooling Loop 1	One	1	1	UV653			89-3370	
			Three	1	1	UV651			97-3312	
		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	
			Three	1	1	V542			97-3311	
		24 Safety Injection 1B	One	1	1	V543			89-3611	
			Two	2	2	V245			94-3429	
						UV644			94-3429	

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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
			Three	1	1	V247			97-3264	
	25	Safety Injection 2A	One	1	1	V540			89-3371	
			Two	1	1	V217			94-3166	
			Three	2	2	V215			97-3052	
									97-3310	
						UV614			97-3052	
									97-3310	
	26	Safety Injection 2B	One	1	1	V225			89-3612	
			Two	2	2	V541			94-3428	
						UV624			94-3428	
			Three	1	1	V227			97-3309	
	27	PZR Spray 1A	Two	1	1	PV100E			94-3028	
			Three	2	2	V240			97-3205	
									97-3343	
						V243			97-3205	
	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	
			Three	2	2	PSV200			95-3318	
						PSV201			95-3318	
						PSV202			95-3318	
						PSV203			95-3318	
	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	
	35	Drain Line 2B	Three	2	2	V232			95-3034	
						V332			95-3034	
	36	Letdown	Three	2	2	UV515			95-3038	
						UV516			95-3038	
	37	Charging Line	One	1	1	PDV240			89-3538	
	38	Drain Line Loop 1	One	1	1	V215			91-3154	
			Three	1	1	V216			95-3033	
	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	
			Three	2	2	V533			95-3135	
						V958			95-3135	
B 7.80	02	Closure Head	One	1	1	CEDM 92			89-3167	
			Three	1	1	CEDM 92			97-3314	
						CEDM 96			97-3314	
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			

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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 8.30	03 Steam Generator 1		Three	34%	34%	5-1	94-3042	95-3066		
							95-3073			
							95-3110			
							95-3192			
							91-3074			
	04 Steam Generator 2		One	33%	33%	3-1	91-3075			
							91-3076			
							95-3080			
							95-3081			
							95-3082			
B 9.11 & 9.12	06 RCS Piping		One	7	7	4-1	94-3255	94-3144		
							94-3257			
							94-3259			
							91-3126			
							91-3127			
							91-3141			
							91-3140			
							91-3126			
							91-3127			
							91-3176			
	06 RCS Piping		Two	6	6	16-1	94-3293	94-3253		
							94-3297			
							94-3301			
							94-3292			
							94-3296			
							94-3300			
							94-3294			
							94-3298			
							94-3302			
							94-3295			
							94-3299			
							94-3303			
							94-3111			
							94-3114			
							94-3106			
							94-3115			
							94-3107			
							94-3110			
							94-3112			
							94-3105			
							94-3108			
							94-3113			
							94-3104			
							94-3109			
							94-3199			
							94-3244			
							94-3249			
							94-3197			
							94-3243			
							94-3248			
							94-3198			

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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
							94-3246			
							94-3250			
						7-1	94-3196	94-3161		
							94-3245			
							94-3247			
			Three	9	5	3-29	97-3113	97-3062		
							97-3115			
							97-3117			
						4-29	97-3114	97-3078		
							97-3116			
							97-3118			
						16-2	97-3167	97-3102		
							97-3127			
							97-3130			
						18-2	97-3169	97-3101		
							97-3129			
							97-3132			
						19-2	97-3168	97-3101		
							97-3128			
							97-3131			
	20	Pressurizer Surge	One	1	1	20-1	89-3545	89-3543		
			Three	2	2	10	97-3071	97-3076		
						11	97-3072	97-3076		
	21	Shutdown Cooling 1	One	2	2	21-18	91-3109	91-3093		
						21-20	91-3110	91-3093		
			Two	2	2	21-14	92-3223	92-3222		
						21-15	92-3224	92-3222		
			Three	2	2	21-3	95-3112	95-3053		
						21-4	95-3113	95-3053		
	22	Shutdown Cooling 2	One	2	2	22-11	91-3104	91-3095		
						22-23	91-3105	91-3095		
			Two	2	2	22-17	92-3435	92-3420		
						22-1	94-3125	94-3141		
			Three	3	3	22-4	95-3020	95-3021		
						22-5	95-3019	95-3021		
						22-6	95-3018	95-3021		
	23	Safety Injection 1A	One	3	3	23-1	91-3142	91-3124		
							91-3143			
						23-2	91-3136	91-3124		
						23-4	91-3137	91-3124		
			Three	2	2	23-24	95-3069	95-3059		
						23-26	95-3111	95-3052		
	24	Safety Injection 1B	Two	3	3	24-14	92-3230	92-3228		
						24-16	92-3231	92-3228		
						24-19	92-3232	92-3228		
			Three	2	2	24-1	95-3119	95-3062		
						24-2	95-3120	95-3064		
	25	Safety Injection 2A	One	2	2	25-26	89-3424	89-3374		
						25-29	89-3423	89-3374		
			Two	3	3	25-1	94-3102	94-3039		
						25-7	94-3157	94-3156		
						25-8	94-3158	94-3156		



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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 9.21 & 9.22	26 Safety Injection 2B		Three	1	1	25-10	97-3295	97-3134		
			One	2	2	26-9	89-3395	89-3372		
						26-11	89-3396	89-3372		
			Two	1	1	26-12	92-3427	92-3426		
			Three	2	2	26-1	95-3076	95-3063		
	29 Combined PZR Spray					26-2	95-3077	95-3063		
			One	2	2	29-10	89-3461	89-3416		
						29-11	89-3462	89-3416		
			Two	1	1	29-1	94-3020	94-3018		
			Three	2	2	002	97-3179	97-3098		
	31 PZR Safeties					007	97-3180	97-3098		
			One	1	1	31-1	89-3464	89-3441		
			Two	2	2	31-9	94-3021	94-3019		
						31-10	94-3022	94-3019		
			Three	2	2	005	97-3177	97-3119		
	36 Letdown Line					013	97-3178	97-3119		
			Two	1	1	36-75	94-3103	94-3136		
			One	3	3	27-42		91-3134		
						27-43		91-3134		
						27-44		91-3134		
	27 PZR Spray 1A		Two	3	3	27-8		94-3038		
						27-10		94-3038		
						27-16		94-3038		
			Three	4	4	27-18		97-3280		
						27-20		97-3280		
	28 PZR Spray 1B					27-38		97-3268		
						27-39		97-3267		
			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		
						28-20		94-3017		
			Three	3	3	28-41		97-3068		
	30 Aux PZR Spray					28-42		97-3068		
						28-45		97-3068		
			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		
	32 Drain Line 1A		One	2	2	32-1		89-3432		
						32-2		89-3432		

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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
33	Drain Line 1B	Two	2	2	33-1		92-3246		
					33-5		92-3246		
34	Drain Line 2A	Three	2	2	34-1		95-3022		
					34-2		95-3022		
35	Drain Line 2B	Three	2	2	35-4		95-3032		
					35-5		95-3032		
36	Letdown	One	4	4	36-8		89-3439		
					36-9		89-3439		
					36-28		89-3659		
					36-35		89-3659		
					36-25		94-3136		
		Two	6	6	36-26		94-3136		
					36-43		94-3100		
					36-44		94-3100		
					36-45		94-3100		
					36-80		94-3099		
		Three	8	8	36-1		97-3100		
					36-2		97-3100		
					36-3		97-3100		
					36-6		97-3100		
					36-7		97-3100		
					36-63		97-3035		
					36-64		97-3035		
					36-67		97-3035		
					37-41		89-3536		
37	Charging	One	5	5	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		
		Three	6	6	37-34		94-3024		
					37-8		97-3275		
					37-9		97-3275		
					37-18B		97-3275		
					37-19		97-3275		
					37-53		97-3275		
					37-54		97-3275		
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		
		Three	4	4	39-25		95-3054		



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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 9.31	40 HPSI Loop 2	One	3	3	39-28			95-3054		
					39-29			95-3054		
					39-33A			95-3055		
					40-1			91-3038		
					40-2			91-3038		
					40-3			91-3038		
					40-6			92-3382		
					40-7			92-3382		
					40-21			95-3061		
					40-23			95-3061		
	06 RCS Piping	One	1	1	9-8	91-3170		91-3150		
					13-8	94-3078		94-3055		
		Two	1	1		94-3079				
						94-3080				
						97-3080		97-3077		
		Three	3	2	11-8	97-3104				
						97-3106				
					15-8	97-3079	97-3077			
						97-3105				
						97-3107				
B 9.32	06 RCS Piping	One	1	1	8-17			89-3452		
		Two	1	1	13-9			94-3055		
		Three	1	1	14-17			97-3149		
	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		
	32 Drain Line Loop 1A	One	1	1	32-6			89-3455		
	33 Drain Line Loop 1B	Two	1	1	33-6			92-3246		
					33-8			92-3246		
					33-9			92-3246		
B 9.40	34 Drain Line Loop 2A	Two	1	1	34-6			92-3170		
					34-8			92-3174		
					34-9			92-3169		
	35Dmin Line 2B	Three	1	1	35-6			95-3032		
	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		
	24 Safety Injection 1B	Three	1	1	SI-223-H6			N/A		Support Deleted No Lugs
	25 Safety Injection 2A	Three	1	1	SI-160-H5			95-3056		
	26 Safety Injection 2B	One	1	1	SI-179-H10			89-3372		
B 10.10	36 Letdown	One	1	1	RC-91-H5			89-3659		
		Two	1	1	RC-91-H6			94-3099		
	22BW Gate Valve	Three	1	1	UV-654	97-3121				
	31 Dresser PSV	Three	1	1	PSV-200	97-3370				S/N BS08614
B 12.50	22BW Gate Valve	Three	1	1	UV-654			97-3157		
	31 Dresser PSV	Three	1	1	PSV-200			97-3263		S/N BS08614
B 13.10	01 Reactor Vessel	One	33%	33%	Acc Areas			89-3682		
		Two	33%	33%	Acc Areas			89-3681		
		Three	34%	34%	Acc Areas			92-3321		
B 14.10	02 Upper Housing	One	2	2	9-84	89-3653		95-3273		

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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 15.10 thru B 15.70	Welds	Two	2	2	9-88	89-3654			
					9-78	94-3402			
					9-89	94-3401			
		Three	3	3	9-71	95-3313			
					9-79	95-3314			
					9-82	95-3315			
	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			
		Three	3	3	10-71	95-3310			
					10-79	95-3311			
	n/a Systems Leakage Test	One	N/A	N/A	Press Bound	10-82	95-3312		
							89-3691		CEB 89-6
							89-3692		
		Two	N/A	N/A	Press Bound		91-3207		
							92-3543		
							92-3544		
							93-3001		
							94-3003		
							94-3454		
		Three	N/A	N/A	Press Bound		94-3455		Nozzle Repair Mid Cycle
							94-3471		
							95-3468		
							95-3017		
							97-3001		
							97-3373		
BFLYWH	16 RCP 1A Flywheel	One	4	4	N/A	91-3056			
						91-3057			
	17 RCP 1B Flywheel					91-3138			
	18 RCP 2A Flywheel					91-3058			
	19 RCP 2B Flywheel	Two	4	4	N/A	91-3059			
						91-3060			
						91-3061			
	16 RCP 1A Flywheel					94-3001			
	17 RCP 1B Flywheel					94-3002			
	18 RCP 2A Flywheel					94-3273			
						94-3274			
	19 RCP 2B Flywheel					94-3271			
						94-3272			
	16RCP 1A Flywheel	Three	4	4	N/A	97-3362			
						97-3363			
	17RCP 1B Flywheel					97-3364			
						97-3365			
	18RCP 2A Flywheel				N/A	95-3401			
						95-3403			
	19RCP 2B Flywheel					95-3402			
						95-3404			
BIWF	03 Steam Generator 1	One	1	1	3-40			89-3451	
	04 Steam Generator 2	Two	1	1	4-40			94-3195	

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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
	05Pressurizer 16 RCP 1A	Three	1	1	5-40			97-3135	
		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	
		Three	4	4	16-19			95-3027	
					16-20			95-3027	
					16-21			95-3027	
	17 RCP 1B	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	
		Three	4	4	17-19			95-3028	
					17-20			95-3028	
					17-21			95-3028	
					17-22			95-3028	
	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	
		Three	4	4	18-19			95-3029	
					18-20			95-3029	
	19 RCP 2B	One	4	4	19-12			89-3458	
					19-13			89-3458	
					19-14			89-3458	
					19-15			89-3458	
		Two	2	2	19-12			92-3406	
	20 PZR Surge				19-13			92-3406	
					19-14			92-3406	
					19-15			92-3406	
		Three	4	4	19-19			95-3030	
					19-20			95-3030	
					19-21			95-3030	
					19-22			95-3030	
		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
					RC-28-H842			89-3436	BUL 88-11
					RC-28-H843			89-3437	BUL 88-11
					RC-28-H844			89-3438	BUL 88-11

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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		
	21 Shutdown Cooling 1	One	Two	2	2	RC-28-H842			92-3484			
						RC-28-H844			92-3485			
			Three	3	3	RC-28-H003			95-3035			
						RC-28-H004			95-3036			
						RC-28-H843			95-3037			
				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			
						SI-240-H823			92-3189			
						SI-240-H824			92-3188			
						SI-240-H12			92-3187			
						SI-240-H2			92-3186			
			Three	8	8	RC-240-H1			95-3043			
						RC-240-H3			95-3044			
						RC-240-H4			95-3045			
						RC-240-H5			95-3046			
						RC-240-H6			95-3047			
						RC-240-H7			95-3048			
						RC-240-H8			95-3049			
						RC-240-H9			95-3050			
						SI-240-H4			97-3376		PSE	
						SI-240-H9			97-3375		PSE	
						RC-51-H3			97-3378		PSE	
			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	
							RC-68-H6				91-3004	
				Two	5	5	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	
				Three	4	4	RC-68-H1				95-3023	
							RC-68-H2				95-3024	
							RC-68-H3				95-3025	
							RC-68-H4				95-3026	
							RC-193-H23				97-3261	PSE
							RC-68-H3				97-3374	PSE
			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					
	Three	3	3	SI-207-H1			95-3181					
				SI-207-H2			95-3414	Support Deleted				
				SI-207-H3			95-3415					

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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
24	Safety Injection 1B	One	2	2	SI-223-H3 SI-223-H4 SI-223-H1				89-3324 89-3454 92-3227 92-3367	PSE
									92-3229	
									95-3041	
									95-3041	
		Three	4	4	SI-223-H2 SI-223-H5 SI-223-H6 SI-223-H7 SI-223-H8				95-3041 95-3041 95-3041 95-3042	Support Deleted Support Deleted Support Deleted
		One	2	2	SI-156-H7 SI-156-H9 SI-160-H1 SI-160-H2 SI-160-H3				89-3337 89-3338 94-3167 94-3168 94-3169	Support Deleted Support Deleted Support Deleted
		Three	2	2	SI-160-H5 SI-160-H4 SI-179-H9 SI-179-H10 SI-179-H11				95-3114 97-3051 89-3664 89-3323 89-3343	Support Deleted
26	Safety Injection 2B	One	3	3	SI-175-H21 SI-175-H22 SI-175-H23 SI-179-H7 SI-179-H8				92-3473 92-3366 92-3471 92-3472 95-3040	PSE Support Deleted
		Two	3	3	RC-62-H26 RC-62-H27 RC-62-H28 RC-62-H29 RC-62-H30 RC-62-H31 RC-62-H32 RC-62-H33 RC-62-H34				91-3132 89-3397 89-3398 89-3399 89-3400 89-3401 89-3402 89-3403 89-3404	PSE
		Three	2	2	RC-62-H34 RC-16-H15 RC-16-H5 RC-16-H6 RC-16-H7 RC-16-H8 RC-62-H35 RC-62-H36 RC-62-H37 RC-62-H38				92-3533 94-3033 94-3029 94-3030 94-3031 94-3032 94-3034 94-3035 94-3036 94-3037	Support Deleted
27	PZR Spray 1A	One	9	9	RC-62-H20 RC-62-H21 RC-62-H22 RC-62-H23 RC-62-H24 RC-62-H25 RC-62-H38				97-3002 97-3003 97-3004 97-3005 97-3006 97-3007 97-3277	PSE
		Two	9	9	RC-62-H20 RC-62-H21 RC-62-H22 RC-62-H23 RC-62-H24 RC-62-H25 RC-62-H38				97-3002 97-3003 97-3004 97-3005 97-3006 97-3007 97-3277	PSE
		Three	8	8	RC-62-H20 RC-62-H21 RC-62-H22 RC-62-H23 RC-62-H24 RC-62-H25 RC-62-H38				97-3002 97-3003 97-3004 97-3005 97-3006 97-3007 97-3277	PSE



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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					
	28	PZR Spray 1B	One	9	9	RC-62-H39			97-3008						
						RC-62-H40			97-3027						
						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						
						RC-17-H46			89-3679						
						Two	8	8	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						
			Three	11	11	RC-17-H24			95-3413						
						RC-17-H25			97-3009						
						RC-17-H26			97-3010						
						RC-17-H27			97-3011						
						RC-17-H28			97-3012						
						RC-17-H29			97-3013						
						RC-17-H30			97-3014						
						RC-17-H31			97-3015						
						RC-17-H32			97-3016						
						RC-17-H33			97-3017						
						RC-17-H46			97-3278						
						RC-17-H47			97-3018						
						RC-17-H48			97-3019						
						29	PZR Combined Spray	One	2		2	RC-18-H16			89-3413
												RC-18-H18			89-3414
							30	Aux PZR Spray	Two		1	1	RC-18-H17		
			Three	2	2				CH-521-HA				95-3316		
				32	Drain Line 1A	One	2	2	CH-521-HB				95-3317		
									RC-60-HA				89-3434		
									RC-60-HB				89-3435		
									RC-60-HB				92-3534		
				33	Drain Line 1B	Two	0	0	RC-58-HA				92-3245		
						Two	2	2	RC-58-HB				92-3244		
				34	Drain Line 2A	Two	2	2	RC-96-HA				92-3172		
									RC-96-HB				92-3173		
				35	Drain Line 2B	Three	2	2	RC-89-HE				95-3031		
									RC-89-HF				95-3051		
				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						
RC-91-HB									89-3445						



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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
						RC-91-HD			89-3446	
						RC-91-HE			89-3447	
						RC-91-HY			89-3448	
						RC-91-HZ			89-3449	
			Two	10	10	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	
						RC-91-HQ			94-3092	
						RC-91-HR			94-3444	
						RC-91-HS			94-3445	
						RC-91-HT			94-3446	
			Three	11	11	CH-1-HA			97-3036	
						RC-91-HAB			97-3020	
						RC-91-HAC			97-3021	
						RC-91-HAD			97-3024	
						RC-91-HAM			97-3023	
						RC-91-HAN			97-3025	
						RC-91-HF			97-3022	
						RC-91-HJ			97-3026	
						RC-91-HU			97-3037	
						RC-91-HV			97-3038	
						RC-91-HW			97-3039	
	37 Charging		One	14	14	CH-5-H2			89-3554	
						CH-5-H3			89-3555	
						CH-5-H25			89-3556	
						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	



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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
						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
			Three	15	15	CH-5-H4			97-3207	
						CH-5-H6			97-3208	Support Deleted
						CH-5-H7			97-3209	
						CH-5-H8			97-3210	
						CH-5-H9			97-3211	
						CH-5-H10			97-3212	Support Deleted
						CH-5-H11			97-3028	
						CH-5-H12			97-3029	
						CH-5-H14			97-3030	
						CH-5-H15			97-3031	Support Deleted
						CH-5-H33			97-3213	
						CH-5-H38			97-3032	
						CH-5-H39			97-3300	
						CH-5-H40			97-3214	Support Deleted
						CH-5-H41			97-3215	Support Deleted
38	Drain Line Loop 1		Two	0	0	RC-70-HA			92-3261	PSE
									94-3344	Support Deleted
			Three	2	2	RC-70-HA			97-3259	Support Deleted
						RC-70-HB			97-3260	
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	
			Three	5	5	SI-248-H21			95-3098	
						SI-248-H22			95-3097	
						SI-248-H23			95-3094	
						SI-248-H24			95-3095	
						SI-248-H25			95-3096	
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	
			Three	2	2	SI-199-H22			95-3099	
						SI-199-H23			95-3086	
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			



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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
						41-4	91-3068			50% of Weld
							91-3069			(0 to 180 deg.)
							91-3070			
	42	Steam Generator2	Three	1	1	42-3	97-3322			50% of Weld
							97-3323			(180 to 360 drg.)
							97-3324			
						42-4	97-3331			50% of Weld
							97-3332			(180 to 360 deg.)
							97-3333			
	68	Reg HT Exchanger	One	1	1	68-7	91-3072			
			Two	1	1	68-5	94-3340			
			Three	1	1	68-3	97-3299			
	69	Letdown HT Exch.	One	50%	50%	69-1	89-3590			0 to 180deg.
			Three	50%	50%	69-1	97-3302			180 to 360 deg.
	84	SDCHX 1	Two	50%	50%	74-123	92-3199			180 to 360 deg.
							92-3200			(outlet side)
							92-3201			
	87	SDCHX 2	Three	50%	50%	75-78	95-3198			(outlet side)
							95-3201			
							95-3204			
C1.20	41	Steam Generator 1	One	50%	50%	41-5	91-3063			0 to 180 deg.
							91-3064			
							91-3065			
	42	Steam Generator 2	Three	50%	50%	42-5	97-3319			180 to 360 deg.
							97-3320			
							97-3321			
	68	Reg HT Exchanger	One	1	1	68-6	91-3071			
			Three	1	1	68-4	97-3298			
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			0 to 180 deg.
							94-3256			
							94-3258			
			Three	50%	50%	42-11	97-3347			
							97-3348			
							97-3349			
	68	Reg HT Exchanger	Two	2	2	68-1	94-3342			
						68-2	94-3341			
			Three	2	2	68-8	97-3296			
						68-9	97-3297			
	69	Letdown HT Exch.	One	50%	50%	69-2	89-3591			0 to 180 deg.
			Three	50%	50%	69-2	97-3303			180 to 360 deg.
	84	SDCHX 1	Two	50%	50%	74-124	92-3202			180 to 360 deg.
							92-3203			
							92-3204			
	87	SDCHX 2	Three	50%	50%	75-79	95-3197			outlet nozzle side
							95-3200			
							95-3203			
C 2.21 & 2.22	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			

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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
						41-10	94-3425 94-3420 94-3422 94-3424 94-3426	94-3433		Inner Radius
			Three	0	0	41-9	95-3074 95-3106 95-3108			Inner Radius Inner Radius Inner Radius
						41-10	95-3075 95-3107 95-3109			Inner Radius Inner Radius Inner Radius
	42 Steam Generator 2		One	1	1	42-63	91-3164	91-3169		
			Three	3	3	42-7	97-3305	97-3154		
							97-3201 97-3202			
						42-8	97-3304	97-3154		
							97-3200 97-3203			
						42-6	97-3334	97-3125		
							97-3335 97-3336			
	84 SDCHX 1		Two	1	1	74-122	92-3141	92-3138		
							92-3142 92-3143 92-3140			
	87SDCHX 2		Three	1	1	75-76	95-3199	95-3172		Inner Radius No inner Radius
							95-3202 95-3205			
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		
			Three	1	1	68-10		97-3276		
						68-11		97-3276		
C 3.20	43 Main Steam SG 1		One	1	1	SG-36-H17		89-3288		
			Two	1	1	SG-36-H12		94-3044		
			Three	4	4	SG-36-H13		97-3150		
						SG-36-H14		97-3150		
						SG-36-H15		97-3150		
						SG-36-H16		97-3150		
	44 Main Steam SG 1		Two	3	3	SG-33-H14		94-3051		
						SG-33-H15		94-3052		
						SG-33-H16		94-3052		
			Three	2	2	SG-33-H12		97-3151		
						SG-33-H13		97-3151		
	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		



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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
	46 Main Steam	SG 2	Three	1	1	SG-42-H17		97-3152		
			Two	2	2	SG-45-H12		94-3139		
						SG-45-H13		94-3083		
			Three	3	3	SG-45-H14		97-3133		
						SG-45-H15		97-3133		
						SG-45-H16		97-3133		
	54 Feedwater	SG 1	Three	1	1	SG-2-H1		97-3195		
	55 Feedwater	SG 2	One	1	1	SG-5-H9		91-3027		Code Limitation
			Three	1	1	SG-5-H1		97-3196		
	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-H17		91-3052		
						SG-53-H1		91-3159		
						SG-39-H28		91-3204		Program Exp.
			Two	1	1	SG-39-H1		94-3358		
			Three	1	1	SG-39-H28		97-3273		
	65 Blowdown	SG 2	One	2	2	SG-48-H20		91-3067		Reject
								91-3205		PSE/Re-exam
						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		
			Three	2	2	SG-48-H1		97-3033		
						SG-52-H5		97-3093		Code Limitation
	71 LPSI A	Discharge	One	1	1	SI-87-H11		89-3005		
	76 CS A	Suction	One	1	1	SI-9-H4		89-3007		
	77CS A	Discharge	Three	1	1	SI-79-H7		95-3219		
	80CS B	Discharge	Three	1	1	SI-119-H5		95-3189		
	82SDCHX A		Three	1	1	SI-78-H4		95-3398		
	83 SDCHX A		Two	2	2	SI-87-H4		92-3136		
						SI-90-H1		92-3137		
			Three	2	2	SI-70-H1		95-3260		
						SI-70-H6		95-3260		
	86SDCHX B		Three	2	2	SI-72-H1		95-3405		
						SI-72-H12		95-3213		
	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		

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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
C 3.30						SI-70-H8		92-3274		
						SI-194-H6		95-3259		
						SI-202-H17		95-3084		
						SI-174-H13		92-3381		
						SI-369-H1		89-3420		Reject
								89-3658		PSE/Re-exam
								89-3678		PSE/Re-exam
						84-5		92-3275		
						85-5		95-3400		
						72-3A		89-3003		
						72-3B		89-3003		
						72-3C		92-3155		
						73-3A		92-3454		
						73-3B		95-3168		
						73-3C		95-3168		
						80-3A		89-3009		
						80-3B		89-3009		
						80-3C		92-3152		
						81-3C		92-3417		
						81-3A		95-3195		
						81-3B		95-3195		
						UV170	89-3393			
						UV180	89-3394			
						UV171	95-3407			
						UV181	95-3406			
						UV132	92-3328			
						UV174	92-3329			
						UV174	97-3120			PSE
						UV137	95-3409			
						UV177	95-3408			
C 5.11 & 5.12						58-1	89-3521	89-3456		Vol/BUL 79-13
						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		
						58-1	97-3308	97-3126		
						58-12	97-3057	97-3048		
						58-13	97-3058	97-3048		
						58-16	97-3059	97-3048		
						58-16A	97-3056	97-3048		
						59-1	89-3522	89-3516		Vol/BUL 79-13
						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		



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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
C 5.21 & 5.22	43 MS SG 1 @ 90		Three	1(5)	1(5)	59-25	94-3148	94-3134		
						59-1	97-3306	97-3194		
						59-3	97-3307	97-3272		
						59-12	97-3170	97-3103		
						59-13	97-3054	97-3042		
						59-16	97-3053	97-3042		
						59-16A	97-3055	97-3042		
						43-1	89-3316	89-3288		
						43-2	89-3360	89-3288		
						43-22	89-3361	89-3288		
	44 MS SG 1 @ 270		Three	2	2	43-24	97-3159	97-3153		
						43-25	97-3158	97-3153		
						44-26	89-3362	89-3289		
						44-28	89-3363	89-3289		
						44-30	89-3367	89-3289		
						44-5	94-3160	94-3159		
						44-1	97-3198	97-3266		
						44-2	97-3197	97-3266		
	45 MS SG 2 @ 270		Two	2	2	45-1	94-3118	94-3140		
						45-2	94-3119	94-3140		
						45-22	97-3160	97-3193		
						45-24	97-3161	97-3193		
						45-25	97-3162	97-3193		
	46 MS SG 2 @ 90		One	2	2	46-25	89-3368	89-3291		
						46-27	89-3369	89-3291		
						46-1	94-3117	94-3139		
						46-2	94-3116	94-3139		
						46-28	97-3199	97-3156		
	54 Feedwater SG 1		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		
						54-11A	94-3123	94-3120		
						54-59	94-3154	94-3128		
						54-60	94-3155	94-3128		
	55 Feedwater SG 2		Three	6	6	41-38	97-3096	97-3050		
						41-39	97-3097	97-3050		
						54-51	97-3281	97-3195		
						54-52	97-3282	97-3195		
						54-1	97-3074	97-3050		
						54-15	97-3073	97-3050		
						42-38	91-3036	91-3013		
						55-11	91-3041	91-3167		
						55-12	91-3040	91-3014		



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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
						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		
						55-38	94-3152	94-3143		
						55-39	94-3151	94-3143		
						55-41	94-3153	94-3143		
						42-39	94-3434	94-3142		
			Three	5	5	42-38	97-3095	97-3049		
						42-39	97-3094	97-3049		
						55-43	97-3284	97-3155		
						55-53	97-3285	97-3155		
						55-54	97-3283	97-3155		
						55-59	97-3286	97-3155		
						55-60	97-3287	97-3155		
	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		
			Three	2	2	58-33	97-3066	97-3047		
						58-34	97-3067	97-3047		
	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		
			Three	1	1	42-33	97-3301	97-3194		
	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		
			Three	2	2	62-12	97-3292	97-3270		
						62-13	97-3293	97-3270		
	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		
			Three	2	2	63-28	97-3294	97-3274		
						63-29	N/A	97-3271		
						63-30	97-3291	97-3271		
	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		
			Three	4	4	64-11	97-3171	97-3075		
						64-22	97-3173	97-3075		
						64-52	97-3176	97-3099		
						64-53	97-3175	97-3099		
	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		

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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
C 6.20	47,48,49,50 Dresser PSV 89 BW Gate Valves 86 BW Gate Valves		Two	3	3	65-28	91-3031	91-3043		
						65-49	94-3308	94-3130		
						65-51	94-3307	94-3130		
			Three	4	4	65-52	94-3306	94-3130		
						65-1	97-3060	97-3033		
						65-2	97-3061	97-3033		
						65-13	97-3172	97-3093		
						65-29	97-3174	97-3093		
			Three	1	1	PSV		97-3346		4 PSV's Examined
								97-3204		
						UV656		97-3269		16"
						V464		97-3262		6"
C 7.10 C 7.30 C 7.50 C 7.70	n/a All Pressure One Retaining Components		All	All		Press Bound			See Remarks	91-3211, 91-3212 91-3215, 92-3001 92-3002, 92-3013 92-3014, 92-3016
			Two	All	All	Press Bound			See Remarks	94-3451*, 94-3452* 94-3453*, *relief request 9 94-3460, 94-3471 95-3007, 95-3009 95-3012, 95-3014 95-3001, 95-3017
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		
						SG-36-H11		94-3043		Reject
		Two	2	2				94-3351		Accept
						SG-36-H12		94-3045		Support Deleted
		Three	4	4		SG-36-H11		95-3117		Re-exam
						SG-36-H13		97-3136		Support Deleted
						SG-36-H14		97-3137		Support Deleted
						SG-36-H15		97-3138		Support Deleted
	44 MS SG 1	One	2	2		SG-36-H16		97-3139		
						SG-33-H17		89-3297		
		Two	5	5		SG-33-H18		89-3298		
						SG-33-H14		94-3049		Support Deleted
						SG-33-H15		94-3048		Support Deleted
						SG-33-H16		94-3050		
						SG-33-H881		94-3047		
						SG-33-H882		94-3046		
		Three	3	3		SG-33-H11		97-3140		
						SG-33-H12		97-3141		Support Deleted
	45 MS SG 2	One	3	3		SG-33-H13		97-3142		Support Deleted
						SG-42-H13		91-3181		PSE
						SG-42-H14		89-3292		

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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
						SG-42-H15			89-3293	
									91-3091	
						SG-42-H16			89-3366	
									91-3090	
			Two	3	3	SG-42-H11			94-3084	
						SG-42-H12			94-3085	Support Deleted
						SG-42-H13			94-3086	Support Deleted
			Three	3	3	SG-42-H17			97-3145	
						SG-42-H890			97-3143	
						SG-42-H891			97-3144	
	46 MS	SG 2	One	2	3	SG-45-H14			91-3182	PSE
						SG-45-H17			89-3299	
						SG-45-H18			89-3300	
			Two	5	5	SG-45-H11			94-3087	
						SG-45-H12			94-3088	Support Deleted
						SG-45-H13			94-3089	Support Deleted
						SG-45-H887			94-3251	
						SG-45-H888			94-3252	
			Three	3	3	SG-45-H14			97-3146	Support Deleted
						SG-45-H15			97-3147	Support Deleted
						SG-45-H16			97-3148	
	47 MS	SG 1	One	1	1	SG-206-H1			89-3306	
	48 MS	SG 1	Two	1	1	SG-207-H1			92-3330	
	49MS	SG 2	Three	1	1	SG-208-H1			95-3387	
	50MS	SG 2	Three	1	1	SG-209-H1			95-3386	
	51 ADV	SG 1	One	1	1	SG-59-H6			89-3646	
			Two	1	1	SG-70-H6			92-3542	
	52ADV	SG 2	Three	2	2	SG-103-H6			95-3464	
						SG-84-H6			95-3463	
	53 Steam to Aux FW		One	4	4	SG-81-H1			89-3169	
						SG-81-H2			89-3588	
						SG-83-H1			89-3170	
						SG-83-H2			89-3171	
			Two	2	2	SG-81-H4			92-3332	
						SG-83-H4			92-3333	
			Three	2	2	SG-81-H3			95-3388	
						SG-83-H3			95-3410	
	54 Feedwater	SG 1	One	6	6	SG-2-H12			91-3003	
						SG-2-H13			91-3044	
						SG-2-H14			91-3046	
						SG-2-H15			91-3047	
						SG-2-H4			91-3045	
						SG-2-H5			91-3048	
			Two	7	7	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	
			Three	6	6	SG-2-H1			97-3238	



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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
						SG-2-H2			97-3239	
						SG-2-H3			97-3240	
						SG-2-H6			97-3241	
						SG-2-H8			97-3242	
						SG-2-H807			97-3237	
	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	
			Two	7	7	SG-5-H9			91-3025	
						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	
			Three	4	4	SG-5-H809			94-3004	
						SG-5-H8			95-3100	Re-exam
						SG-5-H1			97-3234	
						SG-5-H2			97-3235	
						SG-5-H3			97-3236	
						SG-5-H808			97-3233	
	56	Feedwater SG 1	Two	1	1	SG-202-H1			92-3331	
	57	Feedwater SG 2	Three	1	1	SG-205-H2			97-3369	
	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	
			Three	8	8	SG-8-H12			97-3226	
						SG-8-H13			97-3227	
						SG-8-H14			97-3228	
						SG-8-H15			97-3229	
						SG-8-H16			97-3230	
						SG-8-H18			97-3231	

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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
59 Aux FW SG 2	One		6	6	SG-8-H19				97-3232	Support Deleted
					AF-4-H1				97-3225	
					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	
	Three		10	10	SG-11-H2				97-3216	
					SG-11-H3				97-3217	
					SG-11-H4				97-3218	
					SG-11-H5				97-3219	
					SG-11-H6				97-3220	
					SG-11-H7				97-3221	
					SG-11-H17				97-3222	
					SG-11-H20				97-3223	
60 Downcomer SG 1	One		1	1	SG-11-H902				97-3224	
					SG-11-H904				97-3379	
	Three		2	2	SG-200-H9				89-3172	
					SG-200-H13				97-3371	
61 Downcomer SG 2	Two		2	2	SG-200-H14				97-3372	
					SG-203-H13				92-3524	
	Three		1	1	SG-203-H14				92-3525	
					SG-203-H8				95-3285	
62 Aux FW SG 1	One		1	1	AF-4-H3				89-3187	
	Two		1	1	AF-18-H1				94-3313	
	Three		2	2	AF-18-H2				97-3367	
					AF-18-H3				97-3366	
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	
	Three		1	1	AF-6-H4				97-3368	
64 Blowdown SG 1	One		11	11	SG-39-H10				91-3155	
					SG-39-H11				91-3111	
					SG-39-H12				91-3112	
					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	
	Two		12	12	SG-53-H2				91-3148	
					SG-39-H1				94-3359	



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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
						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	
			Three	12	12	SG-39-H10			95-3465	PSE
						SG-39-H7			97-3243	Support Deleted
						SG-39-H8			97-3244	Support Deleted
						SG-39-H9			97-3245	
						SG-39-H18			97-3246	
						SG-39-H19			97-3247	Support Deleted
						SG-39-H20			97-3248	Support Deleted
						SG-39-H21			97-3249	Support Deleted
						SG-39-H22			97-3250	
						SG-39-H23			97-3251	Support Deleted
						SG-39-H24			97-3252	
						SG-39-H25			97-3253	
						SG-39-H28			97-3254	Support Deleted
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	
			Three	13	13	SG-48-H11			95-3466	PSE
						SG-48-H1			97-3034	Support Deleted
						SG-48-H5			97-3084	
						SG-48-H6			97-3085	Support Deleted
						SG-48-H7			97-3086	Support Deleted
						SG-48-H8			97-3087	Support Deleted

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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
						SG-48-H9			97-3088	Support Deleted
						SG-48-H10			97-3089	
						SG-48-H11			97-3090	
						SG-48-H27			97-3091	
						SG-48-H28			97-3092	
						SG-52-H5			97-3081	Support Deleted Support Deleted
						SG-52-H6			97-3082	
						SG-52-H7			97-3083	
68 Reg HT Exchanger			Two	1	1	68-10			94-3091	
			Three	1	1	68-10			97-3344	
						68-11			97-3344	
									97-3206	
70 LPSI A Suction			One	1	1	SI-67-H4			89-3001	
			Three	4	4	SI-241-H20			95-3159	
						SI-241-H22			95-3158	
						SI-307-H16			95-3149	
						SI-307-H17			95-3157	
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	
73 LPSI Pump B			Two	1	1	SI-308-H14			92-3451	
			Three	4	4	SI-194-H1			95-3146	
						SI-308-H12			95-3148	
						SI-308-H13			95-3147	
						SI-34-H4			95-3152	
74 LPSI Pump B			Three	6	6	SI-129-H1			95-3161	
						SI-129-H2			95-3160	
						SI-129-H3			95-3151	
						SI-129-H4			95-3153	
						SI-129-H5			95-3150	
						SI-129-H6			95-3145	
75 LPSI Pump B			Two	1	1	73-3A			92-3453	
			Three	2	2	73-3B			95-3207	
						73-3C			95-3206	
76 CS Pump A Suction			One	1	1	SI-9-H4			89-3010	
			Two	0	0	SI-67-H1			94-3412	PSE
			Three	4	4	SI-67-H1			95-3165	Reject
									95-3383	Accept
						SI-67-H2			95-3137	
						SI-67-H3			95-3164	Reject
									95-3384	Accept
						SI-78-H3			95-3136	
						SI-67-H1			97-3256	
						SI-67-H3			97-3257	
77 CS Pump A Disch.			One	4	4	SI-79-H1			89-3015	



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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
						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	
			Three	3	3	SI-79-H7			95-3140	
						SI-79-H8			95-3139	
						SI-79-H9			95-3138	
	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
									89-3685	Re-exam
			Two	2	2	SI-33-H3			92-3537	
						SI-33-H4			92-3413	
			Three	3	3	SI-123-H1			95-3155	
						SI-34-H5			95-3156	
						SI-34-H6			95-3154	
	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	
			Three	3	3	SI-119-H5			95-3144	
						SI-119-H6			95-3141	
						SI-147-H1			95-3142	
	81 CS Pump B		Two	1	1	81-3C			92-3418	
			Three	2	2	81-3A			95-3208	
						81-3B			95-3230	
	82 Shutdown Cooling A	One		2	2	SI-78-H5			89-3114	
						SI-79-H10			89-3115	
			Three	1	1	SI-78-H4			95-3143	
	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	
			Three	12	12	SI-70-H1			95-3411	
						SI-70-H2			95-3251	
						SI-70-H3			95-3250	
						SI-70-H6			95-3252	
						SI-70-H7			95-3102	
						SI-87-H5			95-3462	
						SI-87-H6			95-3116	



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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
						SI-87-H7			95-3163	Reject
									95-3385	Accept
						SI-87-H8			95-3248	
						SI-90-H4			95-3249	
						SI-82-H1			95-3101	
						SI-89-H5			95-3162	
						SI-87-H7			97-3255	
	85	Shutdown Cooling B One		3	3	SI-119-H10			89-3569	
						SI-123-H6			89-3570	Reject
									89-3683	PSE/Re-exam
			Two	6	6	SI-123-H7			89-3571	
						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	
			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	
						SI-72-H6			92-3516	
			Three	16	16	SI-129-H9			95-3246	
						SI-129-H13			95-3247	
						SI-134-H1			95-3280	
						SI-134-H2			95-3281	
						SI-134-H3			95-3282	
						SI-134-H4			95-3286	
						SI-134-H5			95-3241	
						SI-134-H6			95-3242	
						SI-134-H7			95-3239	
						SI-134-H8			95-3245	
						SI-72-H1			95-3390	
						SI-72-H2			95-3389	
									95-3467	PSE
						SI-72-H3			95-3244	
						SI-72-H4			95-3279	
						SI-72-H12			95-3243	
						SI-147-H2			95-3240	
	88	Safety Injection	One	8	8	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	



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
						SI-73-H2			89-3139	
						SI-73-H3			89-3140	
			Three	6	6	SI-72-H15			91-3092	PSE
						SI-72-H16			95-3237	
						SI-72-H17			95-3238	
						SI-72-H18			95-3233	
						SI-72-H19			95-3234	
						SI-72-H20			95-3236	
89	Safety	Injection	One	4	4	SI-194-H12			95-3235	
						SI-194-H13			89-3141	
						SI-194-H14			89-3142	
						SI-194-H23			89-3143	
			Three	1	1	SI-173-H1			89-3144	
90	Safety	Injection	Two	2	2	SI-134-H9			95-3287	
						SI-134-H10			92-3491	
91	Safety	Injection	One	7	7	SI-70-H9			92-3492	
						SI-70-H10			89-3145	
						SI-70-H11			89-3146	
						SI-70-H12			89-3147	
						SI-70-H13			89-3148	
						SI-70-H15			89-3149	
						SI-70-H16			89-3150	
			Two	2	2	SI-71-H2			89-3151	
						SI-71-H3			92-3151	
			Three	1	1	SI-70-H14			92-3150	
92	Safety	Injection	One	5	5	SI-239-H3			95-3284	
						SI-241-H12			89-3152	
						SI-241-H14			89-3157	
						SI-241-H15			89-3153	
						SI-241-H21			89-3154	
									89-3158	Reject
			Two	5	5	SI-239-H1			89-3676	PSE/Re-exam
						SI-239-H2			92-3192	
						SI-241-H9			92-3193	
									92-3179	
									92-3263	PSE
									94-3353	PSE
						SI-241-H11			92-3178	
						SI-241-H16			92-3180	
			Three	2	2	SI-2-H1			95-3103	
						SI-2-H5			95-3166	
93	Safety	Injection	Two	2	2	SI-89-H10			92-3177	
						SI-89-H13			92-3176	
			Three	2	2	SI-89-H11			95-3104	
						SI-89-H12			95-3105	
94	Safety	Injection	One	3	3	SI-89-H7			89-3023	
						SI-89-H8			89-3024	
						SI-89-H9			89-3025	
			Two	7	7	SI-241-H6			92-3272	
						SI-241-H7			92-3258	Reject
									92-3262	Re-exam

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
95 Safety Injection			Three	5	5	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	
						SI-241-H2			95-3177	
						SI-241-H3			95-3178	
						SI-241-H4			95-3179	
						SI-241-H5			95-3180	
						SI-89-H6			95-3253	Reject
			One	6	6				95-3324	Re-exam
						SI-89-H6			97-3258	
						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			Three	2	2	SI-194-H2			95-3227	
			One	3	3	SI-194-H6			95-3283	
						SI-202-H7			89-3340	
						SI-202-H8			89-3339	
			Two	8	8	SI-202-H9			89-3341	
						SI-202-H2			92-3267	
						SI-202-H3			92-3266	
									92-3357	PSE
			Three	7	7	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	
						SI-202-H1			95-3092	
						SI-202-H12			95-3088	
						SI-202-H13			95-3090	Support Deleted
						SI-202-H14			95-3089	Support Deleted
						SI-202-H16			95-3091	
						SI-202-H17			95-3087	



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
97 LPSI 1B			One	10	10	SI-202-H18			95-3093	
						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	
			Two	7	7	SI-220-H22			89-3342	
						SI-220-H1			92-3259	Reject
									92-3265	Re-exam
						SI-220-H7			92-3360	PSE
						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
			Three	10	10	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-220-H3			95-3126	
						SI-220-H5			95-3129	
						SI-220-H6			95-3128	Support Deleted
						SI-220-H7			95-3127	
						SI-220-H23			95-3115	
			One	2	2	SI-220-H24			95-3125	
						SI-220-H25			95-3123	Support Deleted
						SI-220-H26			95-3122	Support Deleted
						SI-220-H27			95-3124	
						SI-220-H29			95-3121	
						SI-220-H1			97-3377	PSE
			Two	4	4	SI-155-H5			89-3334	
						SI-155-H6			89-3327	
						SI-155-H1			92-3469	Support Deleted
						SI-155-H2			92-3481	
						SI-155-H3			92-3483	
						SI-155-H4			92-3482	
						SI-155-H6			92-3364	PSE
						SI-155-H7			92-3522	
			Two	5	5	SI-174-H7			92-3478	
						SI-174-H8			92-3480	
									92-3365	PSE
						SI-174-H9			92-3479	
						SI-174-H10			92-3470	
						SI-174-H13			92-3477	
			Three	5	5	SI-174-H4			95-3131	
98 LPSI 2A			One	2	2					
99 LPSI 2B			Two	5	5					



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			
FR 5.11 & 5.12	100 LPSI A Suction	One	2	2	SI-174-H5				95-3132	Support Deleted			
					SI-174-H6				95-3134				
					SI-174-H11				95-3133				
					SI-174-H12				95-3130				
					SI-241-H19				89-3346				
		101LPSI B Suction	Two	1	1	SI-369-H1					89-3440		
						84-5					92-3356		
			Three	8	8	SI-194-H16					95-3184		
						SI-194-H18					95-3182		
						SI-194-H22					95-3183		
	SI-194-H25								95-3185				
	SI-194-H26								95-3186				
	SI-368-H1								95-3187				
	SI-368-H2								95-3188				
	85-5								95-3323				
	70 LPSI Pump A & B & Suction 73	One	3	3	70-58	89-3016	89-3004						
					70-69	89-3017	89-3004						
					70-104	89-3018	89-3004						
					Two	4	4	70-44	92-3225	92-3157			
								70-46	92-3226	92-3157			
		Three	3	3	70-61	92-3220	92-3190						
					70-103	92-3219	92-3157						
					71-53	95-3232	95-3167						
					71-69	95-3308	95-3167						
					71-110	95-3231	95-3167						
	71 LPSI Pump A & B & Discharge 74	One	3	3	72-5	89-3019	89-3005						
					72-6	89-3020	89-3005						
					72-8	89-3021	89-3005						
					Two	3	3	72-18	92-3166	92-3197			
								74-45	92-3167	92-3198			
		Three	2	2	74-46	92-3165	92-3196						
					73-8	95-3210	95-3169						
					73-30	95-3209	95-3169						
					76 CS Pump A & B & Suction 79	One	2	2	80-10	89-3027	89-3007		
									80-16	89-3022	89-3007		
	Two	2	2	81-12		92-3503	92-3419						
				81-15		92-3502	92-3419						
	Three	2	2	81-1		95-3309	95-3194						
				81-8	95-3196	95-3194							
	77 CS Pump A & B & Discharge 80	One	3	3	82-1	89-3029	89-3008						
					82-1A	89-3028	89-3008						
					82-2A	89-3030	89-3008						
					Two	4	4	82-15	92-3216	92-3147			
								82-16	92-3218	92-3146			
		Three	4	4	82-31	92-3217	92-3145						
					83-1A	92-3410	92-3412						
					83-2	95-3176	95-3085						
					83-3	95-3173	95-3085						
					83-16	95-3174	95-3085						
	82 SDCHX Inlet A & B	One	2	2	83-30	95-3175	95-3085						
					72-48	89-3120	89-3112						



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
& 85		Two	4	4	72-61	89-3121	89-3112		
					72-52	92-3327	92-3294		
					73-36	92-3499	92-3459		
					73-37	92-3500	92-3459		
					73-63	92-3501	92-3459		
					73-54	95-3358	95-3190		
83 SDCHX Outlet A&B		Three	1	1	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		
		Three	9	9	75-11	95-3254	95-3218		
					75-14	95-3255	95-3217		
					75-60	95-3352	95-3213		
					75-61	95-3355	95-3213		
					75-62	95-3354	95-3218		
					75-87	95-3357	95-3213		
					83-40	95-3356	95-3213		
					83-41	95-3353	95-3213		
					75-2	97-3342	97-3338		
					74-44	89-3161	89-3131		
88 Safety Injection & East & West Wraps		One	2	2	76-2	89-3160	89-3131		
					77-8	92-3206	92-3158		
91		Two	2	2	77-10D	92-3215	92-3158		
					79-1	95-3223	95-3258		
89 SD Cooling Suction & East & West Wraps		Three	1	1	70-2	89-3163	89-3132		
					70-16	89-3164	89-3156		
92		One	5	5	70-17	89-3165	89-3156		
					70-80	89-3162	89-3132		
					70-85	89-3159	89-3156		
					71-79	92-3411	92-3425		
		Two	1	1	71-88	95-3226	95-3229		
					71-91	95-3307	95-3216		
90 Safety Injection & East & West Wraps		Two	4	4	83-55	92-3407	92-3424		
					83-56	92-3408	92-3424		
93					83-59	92-3409	92-3423		
					82-64	94-3435	94-3447		
94 Safety Injection & Train A & B		One	2	2	82-47	89-3031	89-3026		
					82-48	89-3032	89-3026		
95		Three	2	2	71-34	95-3215	95-3228		
					71-36	95-3214	95-3228		
100 LPSI Suction & Inside Containment		One	1	1	70-134	89-3460	89-3419		
					70-116	92-3205	92-3309		
101		Two	2	2	71-136	92-3422	92-3526		
					71-112	95-3170	95-3057		
		Three	4	4	71-113	95-3171	95-3058		



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
FR 5.21 & 5.22	88 LPSI Header to & Loop- West Wrap 91 90 Safety Injection & East & West Wrap 93 96 LPSI Header to 97 Primary Loops 98 99	One	1	1	71-124	95-3083	95-3058			
					85-3	95-3399	95-3400			
					78-16	89-3166	89-3128			
		Two	1	1	84-9	92-3221	92-3175			
		One	2	2	78-45	89-3422	89-3418			
					78-47	89-3421	89-3418			
					77-22	92-3291	92-3292			
		Two	3	3	77-27	92-3290	92-3292			
77-28D	92-3289				92-3292					
76-25	95-3079				95-3057					
FR 5.31	82 SD Cooling A 83 SDCHX A&B & 86 91 Safety Injection	One	1	1	72-49B		89-3112			
					76-27	95-3067	95-3057			
					76-47	95-3068	95-3060			
		Three	1	1	75-13	95-3220	95-3193			
		One	1	1	74-102		89-3131			



APPENDIX B

INSERVICE INSPECTION
CODE LIMITATIONS

REFUELING OUTAGE NUMBER SIX

CODE LIMITATION

<u>ASME ITEM</u>	<u>ZONE/COMPONENT</u>	<u>ITEM ID</u>	<u>REPORT #</u>
C3.20	65 BLOWDOWN	SG-52-H5	97-3093

LIMITATION

Due to structural steel interference magnetic particle field can only be obtained in one direction for approximately 25% of weld length. 75% of weld examined in two directions.

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
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 1 and 2 examinations and all Period 3 examinations completed through March 28, 1997.



APS

NIS-1 BACK

OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

7. EXAM DATES 2/22/97 TO 3/28/97
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.

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 4-16-97 SIGNED: ARIZONA PUBLIC SERVICE COMPANY
BY R. L. 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 HSB I & I CO. OF HARTFORD, CONNECTICUT HAVE INSPECTED THE COMPONENTS DESCRIBED IN THIS OWNERS REPORT DURING THE PERIOD 2-22-97 TO 3-28-97, 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 NS 9685 "N" 1" Az 264

NATIONAL BOARD, STATE, PROVINCE

DATE 4-22-97

