

PALO VERDE NUCLEAR GENERATING STATION

UNIT 3

INSERVICE INSPECTION REPORT

SEVENTH REFUELING OUTAGE

ARIZONA NUCLEAR POWER PROJECT

P.O. BOX 52034

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INVESTIGATION
OF THE
DEPARTMENT OF JUSTICE



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UNIT 3

INSERVICE INSPECTION REPORT

1.0 Introduction

This report is a summary of the examinations performed during the seventh Inservice Inspection (ISI) at Palo Verde Nuclear Generating Station-Unit 3. This report also includes all applicable examinations conducted since the last summary report. The summary concludes the Interval 1 examinations including ten year pressure test. This was the third ISI for Interval 1-Period 3 and was conducted during the seventh refueling outage which began in September 1998, and was completed on October 23, 1998. 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, 2, and 3 refueling outages. All of the examination report numbers listed in Appendix A for the seventh refueling, and applicable examinations performed since the last summary report, are numbered in bold print. Examinations performed in Interval 2 as a result of Interval 1 Request for Reliefs will be reported in Interval 2.

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. No rejectable indications were detected.

The ten year reactor vessel examinations were conducted by Wesdyne International. Results of the examination revealed no code rejectable indications. The Wesdyne report is maintained on file at PVNGS.

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
	ET	Eddy Current
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), WesDyne, Anatec, 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 were as follows:

ZONE	ITEM ID	DISCREPANCY
3	Manway Stud	Replaced Stud
49	UV171 Bonnet Studs	Replaced Studs

The studs were replaced due to damage caused during removal. 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 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 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

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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		

APPENDIX A

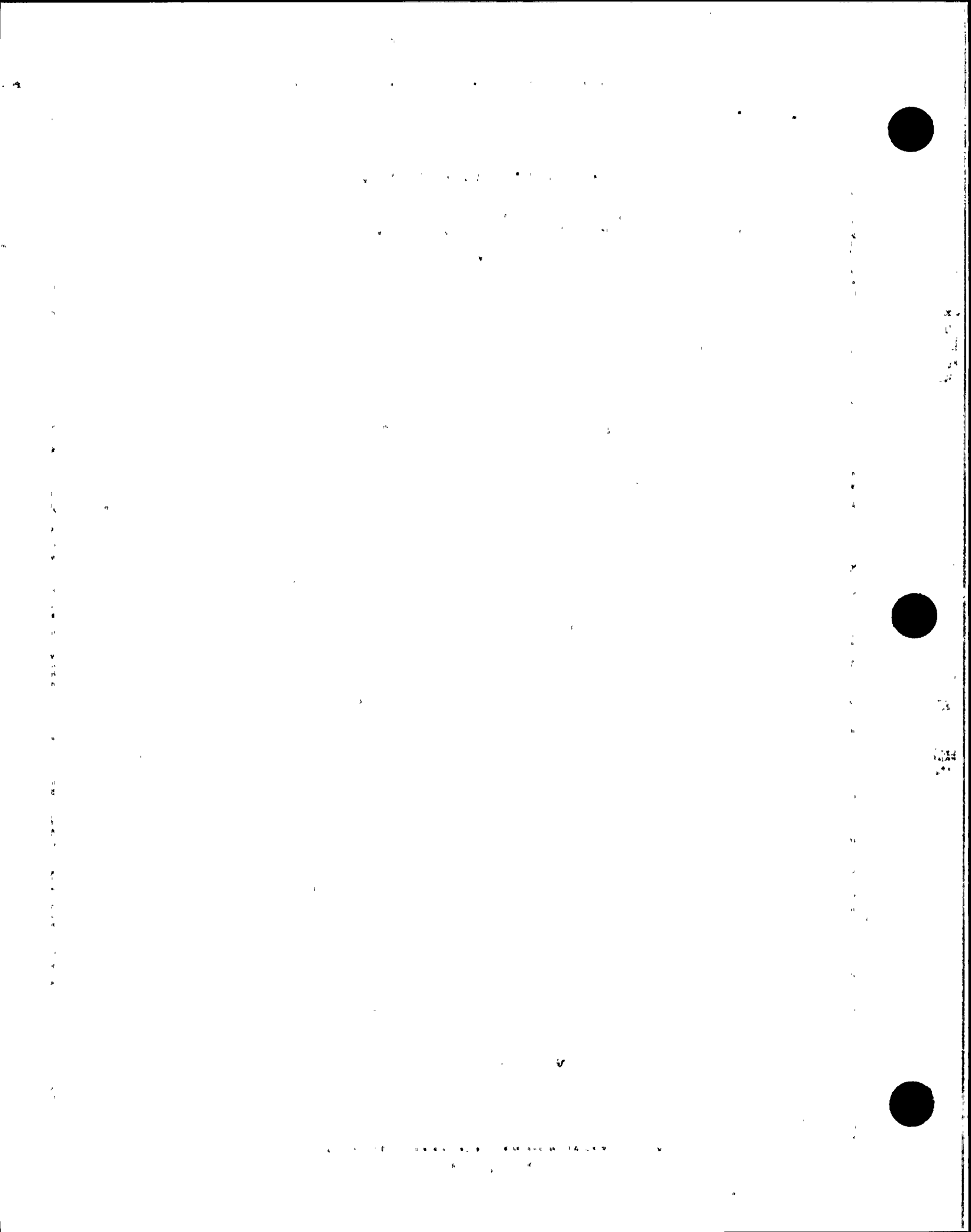
INSERVICE INSPECTION SUMMARY REPORT

ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
						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		
			Two	5	5	60-17	89-3285	89-3168		
						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	67 Blowdown 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		
			Three	6	6	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		
						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		
	48 Main Steam SG-1	49 Main Steam SG-2	One	7	7	47-3	89-3386	89-3302		
						47-7	89-3387	89-3302		
						47-11	89-3388	89-3302		
						47-15	89-3389	89-3302		
						47-19	89-3380	89-3311		
						47-23	89-3381	89-3302		
						47-27	89-3382	89-3311		
			Two	9	9	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		
			Three	9	9	49-3	95-3349	95-3277		
						49-7	95-3348	95-3277		
						49-11	95-3346	95-3277		
						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 50-7 50-11 50-15 50-19 50-23 50-27	95-3298 95-3300 95-3299 95-3295 95-3294 95-3292 95-3293	95-3270 95-3271 95-3271 95-3271 95-3271 95-3267 95-3267		
B 1.11	01	Reactor Vessel	Three	3	3	1-2 1-6 1-10				WesDyne Report WesDyne Report WesDyne Report
B 1.12	01	Reactor Vessel	Three	9	9	1-3 1-4 1-5 1-7 1-8 1-9 1-11 1-12 1-13				WesDyne Report WesDyne Report WesDyne Report WesDyne Report WesDyne Report WesDyne Report WesDyne Report WesDyne Report WesDyne Report WesDyne Report WesDyne Report
B 1.22	01	Reactor Vessel	Three	1	1	1-1				WesDyne Report
	02	Closure Head	One	33%	33%	2-4	89-3614 89-3615 89-3618	89-3619		Relief Request 13
			Two	33%	33%	2-4	94-3406 94-3407 94-3408			
			Three	34%	34%	2-4	95-3212 95-3222 95-3225	95-3191		
B 1.30	01	Reactor Vessel	One	50%	50%	1-14				B&W Report
			Three	100%	100%	1-14				WesDyne 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		
			Three	34%	34%	2-1	95-3211 95-3221 95-3224	95-3191		
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 97-3186			Longitudinal

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APPENDIX A

INSERVICE INSPECTION SUMMARY REPORT

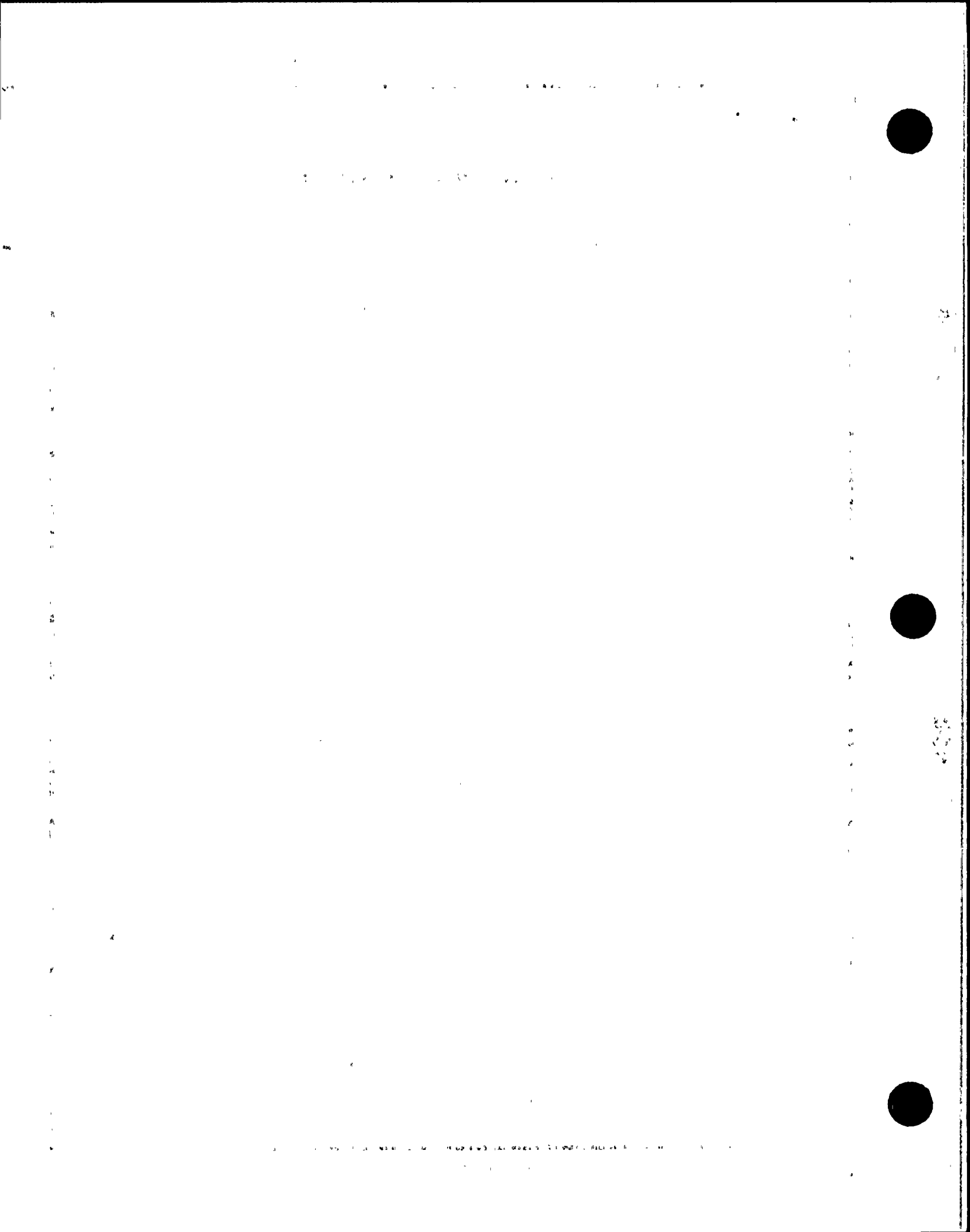
ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
B 2.31	05 Pressurizer Shell to Top Head	One	33%	33%	5-4	97-3190				Longitudinal
					94-3061					
					94-3065					
					94-3070					
					89-3465					
		89-3467								
		89-3469								
		Two	33%	33%	5-8	94-3056				
		94-3062								
		94-3068								
		Three	34%	34%	5-8	97-3326				
		97-3327								
		97-3328								
		98-3165								
		98-3166								
	98-3167									
	5-7	97-3325								
		97-3329								
		97-3330								
		5-6	94-3057							
		94-3064								
	03 Steam Generator 1	One	1	1	3-5	94-3071				
					91-3054					
					91-3184					
					91-3185					
					91-3186					
		91-3187								
		Two	1	1	3-2	94-3289				
		94-3290								
		94-3291								
Three		1	1	3-18	97-3350					
97-3355										
97-3359										
04 Steam Generator 2		One	1	1	4-2	91-3171				
					91-3172					
		Two	1	1	4-5	94-3200				
	94-3205									
	94-3210									
94-3215										
94-3220										
94-3225										
Three	1	1	4-18	97-3352						
B 2.32	03 Steam Generator 1	One	2	2	3-10	97-3356				
					3-11	97-3358				
					91-3192					
					91-3193					
					91-3194					
					3-12	91-3195				
					91-3196					
					3-13	91-3197				
					91-3198					



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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks			
B 2.40	04 Steam Generator 2		Two	1	1	3-4	94-3265						
							94-3267						
							94-3269						
			Three	3	3	3-3	97-3040						
							97-3043						
							97-3045						
						3-10	98-3086						
							98-3088						
							98-3090						
						3-11	98-3087						
							98-3089						
							98-3091						
				Two	5	5	4-4	94-3219					
								94-3223					
								94-3228					
							4-10	94-3217					
								94-3222					
								94-3227					
								4-11	94-3202				
									94-3207				
									94-3212				
								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						
		03 Steam Generator 1	One	1	1	3-6	91-3055						
	91-3188												
	91-3189												
	91-3190												
	91-3191												
	Three						1	1	3-19	97-3351			
										97-3354			
										97-3360			
		04 Steam Generator 2	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			
							1-18				B&W Report		
			Three	4	4	1-16				WesDyne Report			



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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
B 3.100	01 Reactor Vessel		One	2	2	1-17				WesDyne Report
						1-19				WesDyne Report
						1-20				WesDyne Report
			Three	4	4	1-15				B&W Report
						1-18				B&W Report
						1-16				WesDyne Report
B 3.110	05 Pressurizer		One	2	2	1-17				WesDyne Report
						1-19				WesDyne Report
						1-20				WesDyne Report
						5-11	89-3466			WesDyne Report
							89-3468			
							89-3470			
			Two	2	2	5-9	89-3518			
							89-3520			
							89-3542			
						5-10	94-3059			
							94-3066			
							94-3072			
			Three	2	2	5-13	94-3060			
							94-3067			
							94-3073			
						5-12	97-3183			
							97-3187			
							97-3191			
B 3.120	05 Pressurizer Inner Radius		One	2	2	5-11	89-3537			
						5-9	89-3580			
						5-10	94-3074			
			Two	2	2	5-13	94-3075			
						5-10	95-3070			
							95-3071			
			Three	2	2		95-3072			
						5-12	97-3164			
							97-3166			
						5-14	97-3163			
							97-3165			
						3-9	91-3177			
B 3.130	03 Steam Generator 1		One	1	1		91-3178			
						3-7	94-3266			
			Two	1	1		94-3268			
							94-3270			
			Three	1	1	3-8	97-3063			
							97-3064			
	04 Steam Generator 2		One	1	1	4-9	97-3065			
							91-3173			
			Two	1	1	4-7	91-3174			
							94-3218			
			Three	1	1		94-3224			
						4-8	94-3229			
							97-3108			



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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
							97-3111			
							97-3112			
B 3.140	03	Steam Generator 1	One	1	1	3-9	91-3179			
		Inner Radiu	Two	1	1	3-7	94-3304			
			Three	1	1	3-8	97-3109			
	04	Steam Generator 2	One	1	1	4-9	91-3175			
		Inner Radius	Two	1	1	4-7	94-3305			
			Three	1	1	4-8	97-3110			
B 4.12	02	Closure Head	One	8	8	CEDM			91-3207	
			Two	8	8	CEDM			92-3543	
			Three	9	9	CEDM			95-3468	
B 4.13	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			89-3692	
									91-3207	
			Two	3	3	HTRS			92-3543	
									92-3544	
									94-3454	
			Three	3	3	HTRS			95-3468	
									97-3373	
									98-3256	
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			
	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		
						5-32	97-3317			
							97-3318	97-3119		
B 5.130	20	Pressurizer Surge	Three	1	1	6-10	97-3069	97-3076		
							97-3070			
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		
	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		
B 5.140	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		
	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
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		
			Three	18	18	37 thru 54		95-3262	95-3263	



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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
B 6.30	02	Closure Head Studs	One	18	18	1 thru 18	91-3066	91-3073		
			Two	18	18	19 thru 36	92-3208	92-3210		
			Three	18	18	37 thru 54	95-3264	95-3265		
								95-3266		
B 6.40	01	Reactor Vessel	Three	54	54	1 thru 54				WesDyne Report
B 6.50	02	Closure Head Washers	One	18	18	1 thru 18		91-3050	91-3049	Surface Exam to
									91-3051	Verify Indication
			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
									97-3373	
									98-3256	
	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
									97-3373	
									98-3256	
	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	
			Three	6	6	1 thru 16	97-3279		95-3468	IEIN 80-27
									97-3373	
									98-3256	
	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
									97-3373	
									98-3256	
B 6.190	16,17,18,19,	Flange	Three	4	0	1 thru 16				Relief Request 14
B 6.200	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	
	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	

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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
B 7.20		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 2BNuts/Rings	Three	6	6	1 thru 16			97-3313	
		05 PZR Manway Studs and Nuts	One	20	20	20 pairs			89-3606	
			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	
B 7.30	03 SG 1 Manway Studs and Nuts	One	40	40	40 pairs			98-3162	98-3161	
								89-3610	89-3609	Reject
									89-3651	PSE Replacement
									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	
	04 SG 2 Manway Studs and Nuts	One	40	40	40 pairs				95-3256	
									94-3470	Mid Cycle
									94-3472	PSE Mid Cycle
									97-3122	
								98-3158	98-3157	
		Two	40	40	40 pairs				98-3143	PSE
								89-3610	89-3609	Reject
									89-3651	PSE/Replacement
									91-3120	Reject
									91-3121	PSE/Replacement
	31 PZR PSV Stud and Nuts	One	1	1	PSV200				92-3310	Reject
									92-3323	PSE/Replacement
									93-3003	Reject
									93-3005	PSE/Replacement
								94-3277	94-3279	
B 7.50		Two	40	40	40 pairs				95-3257	
									94-3470	Mid Cycle
									94-3472	PSE Mid Cycle
									97-3123	
								98-3160	98-3159	
		Two	1	1	PSV200			89-3629	89-3633	
									91-3083	
								89-3629	89-3633	
									91-3084	
								89-3629	89-3633	
		Two	1	1	PSV200				91-3085	
								89-3629	89-3633	
									91-3086	
									92-3324	



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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
B 7.60			Three	2	2	PSV 200		94-3275	94-3280	Mid Cycle
									92-3324	
								94-3275	94-3280	
									92-3324	
								94-3275	94-3280	
									92-3324	
								94-3275	94-3280	
									95-3288	
									95-3275	
									95-3318	
									94-3469	
									97-3265	
								98-3164	98-3163	
									95-3275	
									95-3318	
									94-3469	
									97-3265	
								98-3164	98-3163	
									95-3274	
									95-3318	
									94-3469	
									97-3265	
								98-3164	98-3163	
									95-3318	
									94-3469	
									97-3265	
								98-3164	98-3163	
									89-3650	
									89-3657	
									89-3686	
									92-3399	
									95-3392	
									89-3687	
									92-3401	
									95-3393	
									89-3662	
									92-3403	
									95-3394	
									89-3663	
									92-3405	
									95-3395	
B 7.70			One	1	1	UV653			89-3370	
									97-3312	
									91-3094	
									94-3427	
									91-3158	
									94-3164	
									94-3165	
									97-3311	
									89-3611	
									94-3429	



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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
						UV644			94-3429	
			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	Reject
									97-3343	Accept/PSE
									98-3175	Re-exam
						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		Relief Request 14
							89-3582			
							89-3583			



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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		Two	33%	33%	5-1	94-3040	94-3023				
							94-3041					
							94-3042					
			Three	34%	34%	5-1	95-3073	95-3066				
							95-3110					
							95-3192					
			One	33%	33%	3-1	91-3074	98-3071				
							91-3075					
							91-3076					
			Three	34%	34%	3-1	95-3080	95-3065				
	04 Steam Generator 2						95-3081					
							95-3082					
			Two	33%	33%	4-1	94-3255	94-3144				
							94-3257					
							94-3259					
			B 9.11 & 9.12	06 RCS Piping	One	7	7	1-27	91-3126	91-3122		
								1-30	91-3127	91-3122		
								3-30	91-3141	91-3135		
								4-30	91-3140	91-3133		
								6-7	91-3126	91-3122		
7-7	91-3127	91-3122										
17-2	91-3176	91-3150										
Two	6	6						16-1	94-3293	94-3253		
									94-3297			
									94-3301			
					9-1	94-3292	94-3253					
						94-3296						
						94-3300						
					17-1	94-3294	94-3253					
						94-3298						
						94-3302						
					11-1	94-3295	94-3253					
						94-3299						
						94-3303						
					18-1	94-3111	94-3055					
						94-3114						
						94-3106						
					13-1	94-3115	94-3055					
						94-3107						
						94-3110						
					19-1	94-3112	94-3055					
						94-3105						
						94-3108						
					15-1	94-3113	94-3055					
						94-3104						
						94-3109						
					3-28	94-3199	94-3161					
						94-3244						
						94-3249						
					6-1	94-3197	94-3161					
						94-3243						
						94-3248						



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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
						4-28	94-3198	94-3161		
							94-3246			
							94-3250			
						7-1	94-3196	94-3161		
							94-3245			
							94-3247			
			Three	9	9	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			
						1-28	*	98-3253		*WesDyne Report
						1-29	*	98-3253		*WesDyne Report
						1-31	*	98-3253		*WesDyne Report
						1-32	*	98-3253		*WesDyne Report
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		
						23-6	98-3084	98-3081		IN 97-19
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		

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 9.21 & 9.22	25	Safety Injection 2A	Three	2	2	24-1	95-3119	95-3062		
						24-2	95-3120	95-3064		
						24-6	98-3085	98-3080		IN 97-19
			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		
			Three	1	1	25-10	97-3295	97-3134		
						25-6	98-3083	98-3079		IN 97-19
	26	Safety Injection 2B	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		
						26-2	95-3077	95-3063		
						26-6	98-3082	98-3078		IN 97-19
			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		
						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		
	36	Letdown Line 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		
						27-38		97-3268		
						27-39		97-3267		
	28	PZR Spray 1B	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		
						28-42		97-3068		
						28-45		97-3068		
	30	Aux PZR Spray	One	2	2	30-1	89-3425	89-3417		Vol/BUL 88-08
							98-3174	98-3169		IN 97-19
						30-2	89-3425	89-3417		Vol/BUL 88-08
							98-3173	98-3169		IN 97-19

APPENDIX A

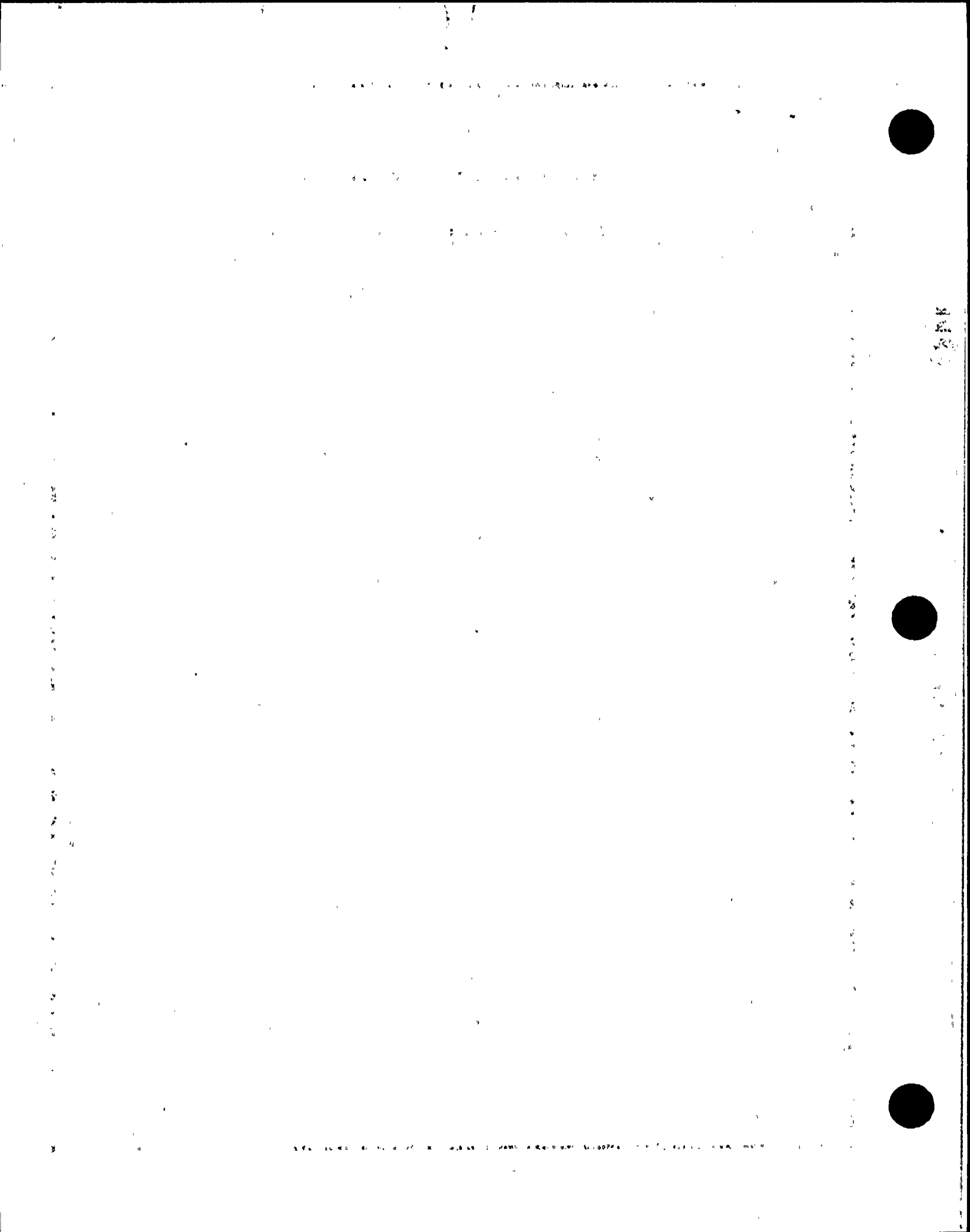
INSERVICE INSPECTION SUMMARY REPORT

ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
						30-4		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		
	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		
			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		
			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	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		
			Three	6	6	37-8		97-3275		
						37-9		97-3275		
						37-18B		97-3275		
						37-19		97-3275		
						37-53		97-3275		

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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	06 RCS Piping					37-54		97-3275		
						37-34	98-3172	98-3140		IN 97-19
						13-11	98-3170	98-3140		IN 97-19
							98-3171			
						38-1		92-3455		
						38-3		92-3455		
						38-7		92-3455		
						38-1		94-3409		
						39-1		89-3373		
						39-5		89-3373		
						39-12		92-3238		
						39-13		92-3238		
						39-24		92-3238		
						39-25		95-3054		
						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		
						9-8	91-3170	91-3150		
						13-8	94-3078	94-3055		
							94-3079			
							94-3080			
						11-8	97-3080	97-3077		
							97-3104			
							97-3106			
						15-8	97-3079	97-3077		
							97-3105			
							97-3107			
						6-8	98-3153	98-3142		
							98-3154			
							98-3155			
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		
B 9.40	22 Shutdown Cooling 2	36 Letdown Line	One	1	1	22-7A		91-3039		
			Two	2	2	36-41		94-3100		
						36-76		94-3136		
B 9.40	32 Drain Line Loop 1A	33 Drain Line Loop 1B	One	1	1	32-6		89-3455		
			Two	1	1	33-6		92-3246		
						33-8		92-3246		
B 9.40	34 Drain Line Loop 2A					33-9		92-3246		
			Two	1	1	34-6		92-3170		
						34-8		92-3174		
B 9.40	35 Drain Line 2B					34-9		92-3169		
			Three	1	1	35-6		95-3032		



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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 10.10	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		
	25 Safety Injection 2A	Three	1	1	SI-160-H5		95-3056		
	26 Safety Injection 2B	One	1	1	SI-179-H10		89-3372		
	36 Letdown	One	1	1	RC-91-H5		89-3659		
		Two	1	1	RC-91-H6		94-3099		
B 12.20	16,17,18,19 RCP	Three	1	*	Pump Casing				*WesDyne Report Code Limited Relief Request 14
B 12.40	22BW Gate Valve	Three	1	1	UV-654	97-3121			
	31 Dresser PSV	Three	1	1	PSV-200	97-3370			S/N BS08614
	29BW Check Valve	Three	1	1	V-244	98-3252			
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
	24BW Check Valve	Three	1	1	V-245			98-3255	
B 13.10	01 Reactor Vessel	One	33%	33%	Acc Areas			89-3682	
								89-3681	
		Two	33%	33%	Acc Areas			92-3321	
		Three	34%	34%	Acc Areas			95-3273	
		Three	100%	100%	Acc Areas				WesDyne Report
B 13.31	01 Reactor Vessel	Three	100%	100%	Acc Welds				WesDyne Report
B 13.32	01 Core Support	Three	100%	100%	Acc Areas				WesDyne Report
B 14.10	02 Upper Housing Welds	One	2	2	9-84	89-3653			
					9-88	89-3654			
		Two	2	2	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	One	2	2	10-84	89-3655			
	Lower Welds				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			
					10-82	95-3312			
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	
		Two	N/A	N/A	Press Bound			92-3543	
								92-3544	
								93-3001	
								94-3003	
								94-3454	
		Three	N/A	N/A	Press Bound			94-3455	Nozzle Repair
								94-3471	Mid Cycle
								95-3468	
								95-3017	
								97-3001	
								97-3373	



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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 15.11 thru B 15.71	n/a	System Hydro Test	Three	N/A	N/A	Press Bound			98-3256	
									98-3038	
									98-3052	
									98-3053	
									98-3056	
									98-3057	
									98-3066	
									98-3068	
									98-3069	
									98-3256	
									98-3257	
BFLYWH	16 RCP 1A Flywheel	17 RCP 1B Flywheel	One	4	4	N/A			91-3056	
									91-3057	
									91-3138	
									91-3058	
									91-3059	
									91-3060	
									91-3061	
									94-3001	
									94-3002	
									94-3273	
									94-3274	
									94-3271	
									94-3272	
									97-3362	
									97-3363	
									97-3364	
									97-3365	
									95-3401	
									95-3403	
									95-3402	
									95-3404	
BIWF	01 Reactor Vessel	03 Steam Generator 1	Three	4	4	40,41,42,43			98-3254	
									89-3451	
									94-3195	
									97-3135	
									89-3688	
									89-3688	
									92-3400	
									92-3400	
									92-3400	
									92-3400	
									95-3027	
									95-3027	
									95-3027	
									95-3027	
									89-3690	
									89-3689	
									92-3402	
									92-3402	
									92-3402	
									92-3402	
BIWF	04 Steam Generator 2	05 Pressurizer	One	2	2	17-17			89-3690	
									89-3689	
									92-3402	
									92-3402	
									92-3402	
									92-3402	
									92-3402	
									92-3402	
									92-3402	
									92-3402	
BIWF	16 RCP 1A	17 RCP 1B	One	2	2	17-18			89-3689	
									92-3402	
									92-3402	
									92-3402	
									92-3402	
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									92-3402	
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									92-3402	
									92-3402	

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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
18 RCP 2A			Three	4	4	17-15			92-3402	
						17-19			95-3028	
						17-20			95-3028	
			One	4	4	17-21			95-3028	
						17-22			95-3028	
						18-12			89-3457	
						18-13			89-3457	
						18-14			89-3457	
						18-15			89-3457	
			Two	0	0	18-12			92-3404	
						18-13			92-3404	
						18-14			92-3404	
			Three	6	6	18-15			92-3404	
						18-19			95-3029	
						18-20			95-3029	
						18-21			95-3029	
						18-22			95-3029	
						18-17			98-3202	
19 RCP 2B			One	4	4	18-18			98-3203	
						19-12			89-3458	
						19-13			89-3458	
			Two	0	0	19-14			89-3458	
						19-15			89-3458	
						19-12			92-3406	
						19-13			92-3406	
						19-14			92-3406	
						19-15			92-3406	
			Three	6	6	19-19			95-3030	
						19-20			95-3030	
						19-21			95-3030	
						19-22			95-3030	
						19-17			98-3204	
						19-18			98-3205	
20 PZR Surge			One	2	2	RC-28-H1			89-3426	
						RC-28-H2			89-3427	
						RC-28-H3			89-3428	BUL 88-11
			Two	2	2	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
						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	
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	

THE UNITED STATES OF AMERICA

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

WASHINGTON, D. C. 20250

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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
			Two	7	7	RC-51-H3			91-3152	
						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	
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	
		Three		4	4	SI-223-H5			95-3041	Support Deleted
						SI-223-H6			95-3041	Support Deleted
						SI-223-H7			95-3041	Support Deleted
						SI-223-H8			95-3042	
25	Safety Injection 2A	One		2	2	SI-156-H7			89-3337	
						SI-156-H9			89-3338	

THE UNITED STATES OF AMERICA

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APPENDIX A

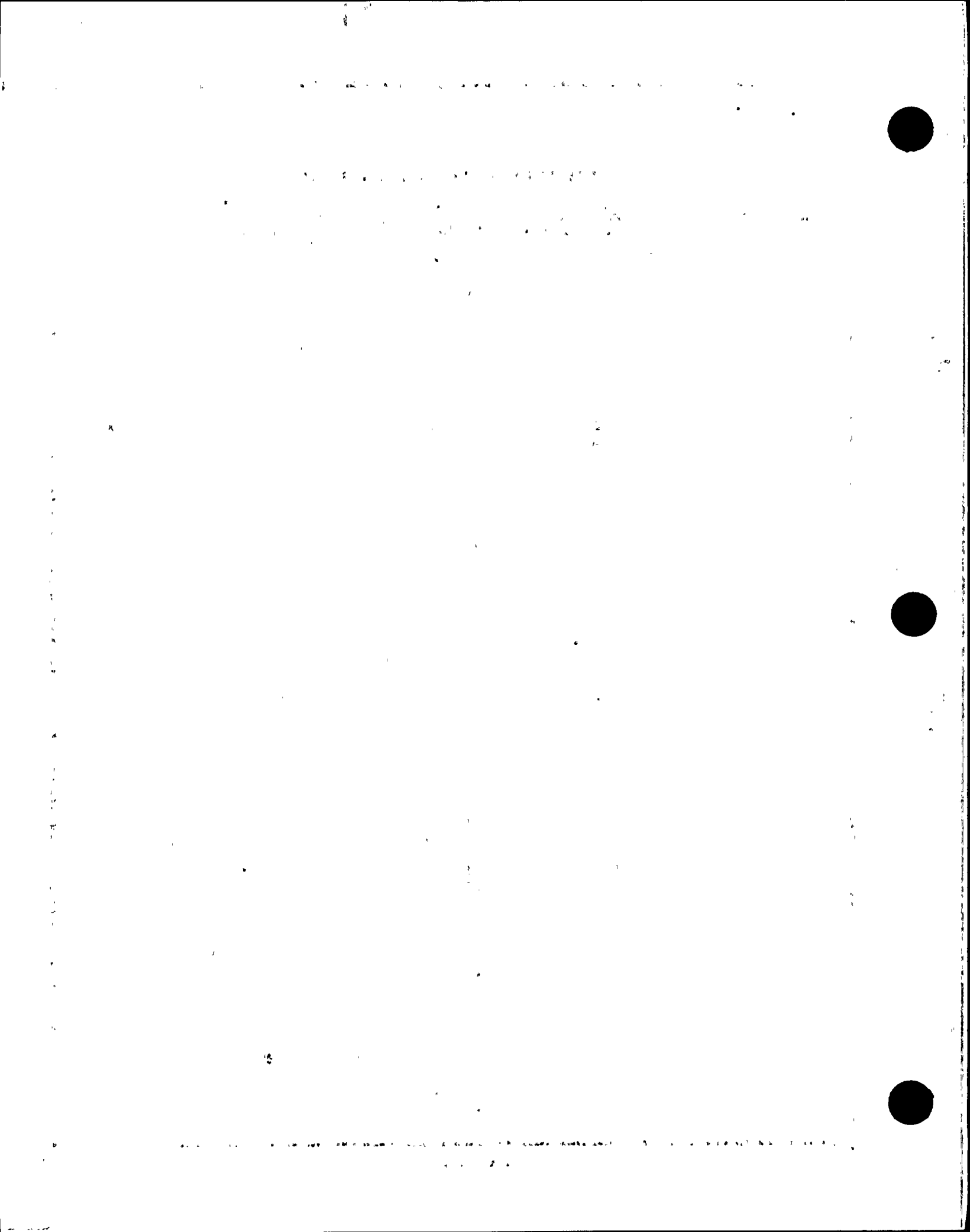
INSERVICE INSPECTION SUMMARY REPORT

ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
26	Safety Injection 2B		Two	3	3	SI-160-H1			94-3167	
						SI-160-H2			94-3168	Support Deleted
						SI-160-H3			94-3169	Support Deleted
			Three	2	2	SI-160-H5			95-3114	Support Deleted
						SI-160-H4			97-3051	
			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	
			Three	2	2	SI-179-H7			95-3040	Support Deleted
						SI-179-H8			95-3039	
			One	9	9	RC-62-H26			91-3132	
27	PZR Spray 1A					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	
									98-3073	Re-exam
						RC-16-H8			94-3032	Support Deleted
28	PZR Spray 1B					RC-62-H35			94-3034	
						RC-62-H36			94-3035	
									98-3072	Re-exam
						RC-62-H37			94-3036	
						RC-62-H38			94-3037	
			Three	8	8	RC-62-H20			97-3002	
						RC-62-H21			97-3003	
						RC-62-H22			97-3004	
						RC-62-H23			97-3005	
						RC-62-H24			97-3006	
						RC-62-H25			97-3007	
						RC-62-H38			97-3277	PSE
						RC-62-H39			97-3008	
						RC-62-H40			97-3027	
			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	

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INSERVICE INSPECTION SUMMARY REPORT

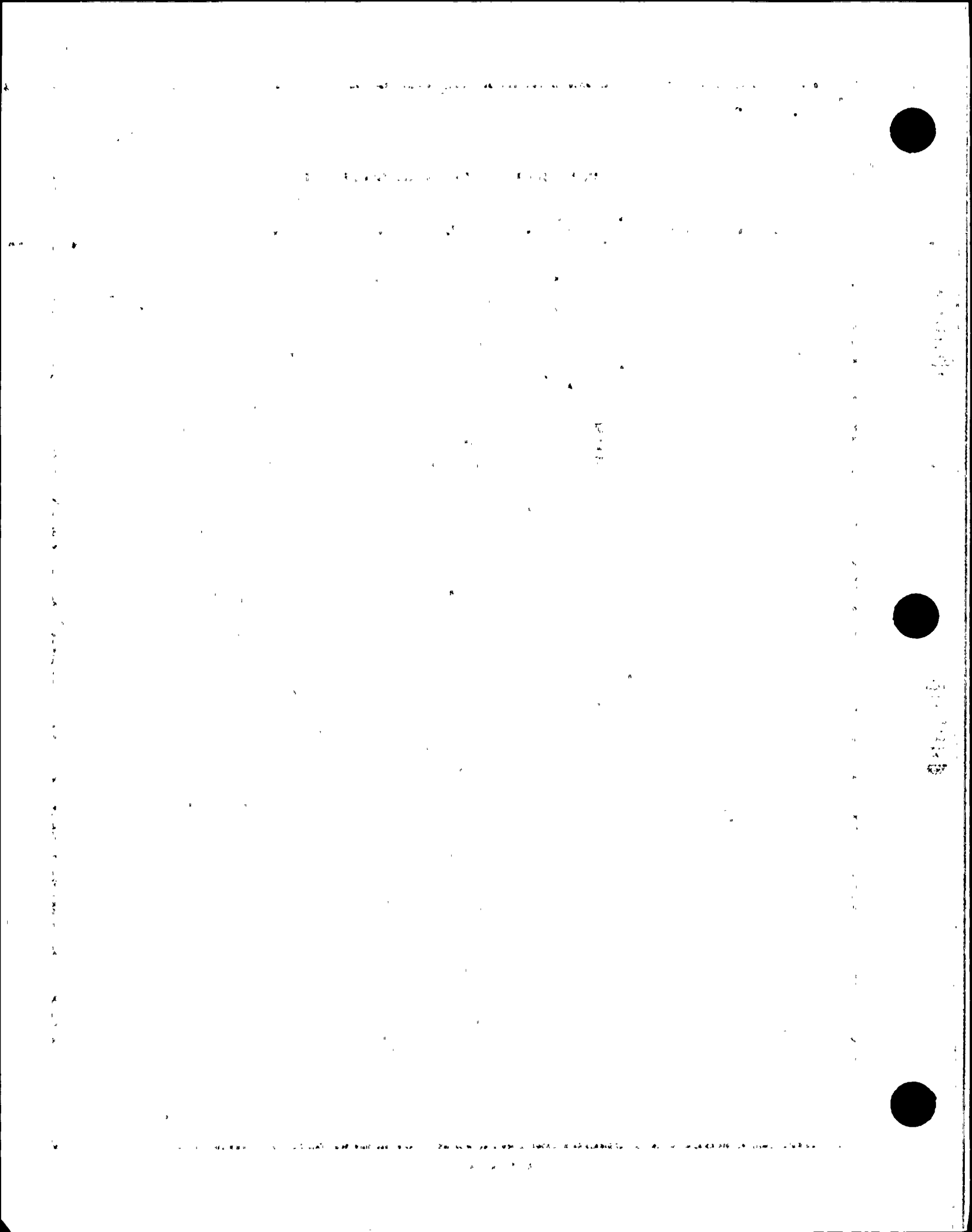
ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
						RC-17-H41			89-3411	
						RC-17-H42			89-3412	
						RC-17-H46			89-3679	PSE/Replacement
			Two	8	8	RC-17-H43			94-3009	
						RC-17-H44			94-3010	
						RC-17-H45			94-3011	
						RC-17-H46			94-3012	
						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	PSE
						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	PSE
						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	
			Two	1	1	RC-18-H17			94-3008	
		30Aux PZR Spray	Three	2	2	CH-521-HA			95-3316	
						CH-521-HB			95-3317	
		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	
		35Drain Line 2B	Three	2	2	RC-89-HE			95-3031	
						RC-89-HF			95-3051	Support Deleted
		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	
						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	



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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
37 Charging			Three	11	11	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	
						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	
			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	
						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	



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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
						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			
						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 deg.)
							97-3324			
						42-4	97-3331			50% of Weld
							97-3332			(180 to 360 deg.)
							97-3333			



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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
C1.20	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			
	87SDCHX 2		Three	50%	50%	75-78	95-3198			(outlet side)
							95-3201			
							95-3204			
C1.30	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			
	41 Steam Generator 1		One	50%	50%	41-1	91-3161			0 to 180 deg.
							91-3162			
							94-3254			0 to 180 deg.
	42 Steam Generator 2		Two	50%	50%	42-1	94-3256			
							94-3258			
							97-3347			
C2.21 & 2.22	68 Reg HT Exchanger		Two	2	2	68-1	94-3342			
							68-2			
							94-3341			
	69 Letdown HT Exch.		One	50%	50%	69-2	97-3296			
							68-8			
							97-3297			
	84 SDCHX 1		Two	50%	50%	74-124	97-3297			
							89-3591			0 to 180 deg.
							97-3303			180 to 360 deg.
	87SDCHX 2		Three	50%	50%	75-79	92-3202			180 to 360 deg.
							92-3203			
							92-3204			
C2.21 & 2.22	41 Steam Generator 1		One	1	1	41-62	95-3197			outlet nozzle side
							95-3200			
							95-3203			
	41 Steam Generator 1		Two	2	2	41-9	91-3163	91-3168		
							94-3419	94-3433		
							94-3421			
	41 Steam Generator 1		Two	2	2	41-9	94-3423			
							94-3425			
							94-3420	94-3433		Inner Radius
	41 Steam Generator 1		Two	2	2	41-9	94-3422			
							94-3424			
							94-3426			Inner Radius
	41 Steam Generator 1		Three	0	0	41-9	95-3074			Inner Radius
							95-3106			Inner Radius
							95-3108			Inner Radius



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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
						41-10	95-3075			Inner Radius
							95-3107			Inner Radius
							95-3109			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			
								98-3156		Inner Radius
						42-8	97-3304	97-3154		
							97-3200			
							97-3203			
								98-3156		Inner Radius
						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			
	87	SDCHX 2	Three	1	1	75-76	95-3199	95-3172		Inner Radius
							95-3202			No inner Radius
							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/Rc-exam
						SG-42-H15		89-3290		
								91-3053		
						SG-42-H16		89-3290		
								91-3053		
			Two	1	1	SG-42-H12		94-3140		
			Three	1	1	SG-42-H17		97-3152		
	46	Main Steam SG 2	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		



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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
						SG-45-H14		98-3075		Re-exam
54	Feedwater	SG 1	Three	1	1	SG-2-H1		97-3195		
55	Feedwater	SG 2	One	1	1	SG-5-H9		91-3027		Relief Request 14
			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	3	3	SG-39-H28		97-3273		
						SG-39-H22		98-3141		
						SG-53-H5		98-3076		
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	3	3	SG-48-H1		97-3033		
						SG-52-H5		97-3093		Relief Request 14
						SG-48-H17		98-3077		
71	LPSI A	Discharge	One	1	1	SI-87-H11		89-3005		
76	CS A	Suction	One	1	1	SI-9-H4		89-3007		
77	CS A	Discharge	Three	1	1	SI-79-H7		95-3219		
80	CS B	Discharge	Three	1	1	SI-119-H5		95-3189		
82	SDCHX	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		
86	SDCHX	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		
						SI-70-H8		92-3274		
95	SI B & 88'		Three	1	1	SI-194-H6		95-3259		



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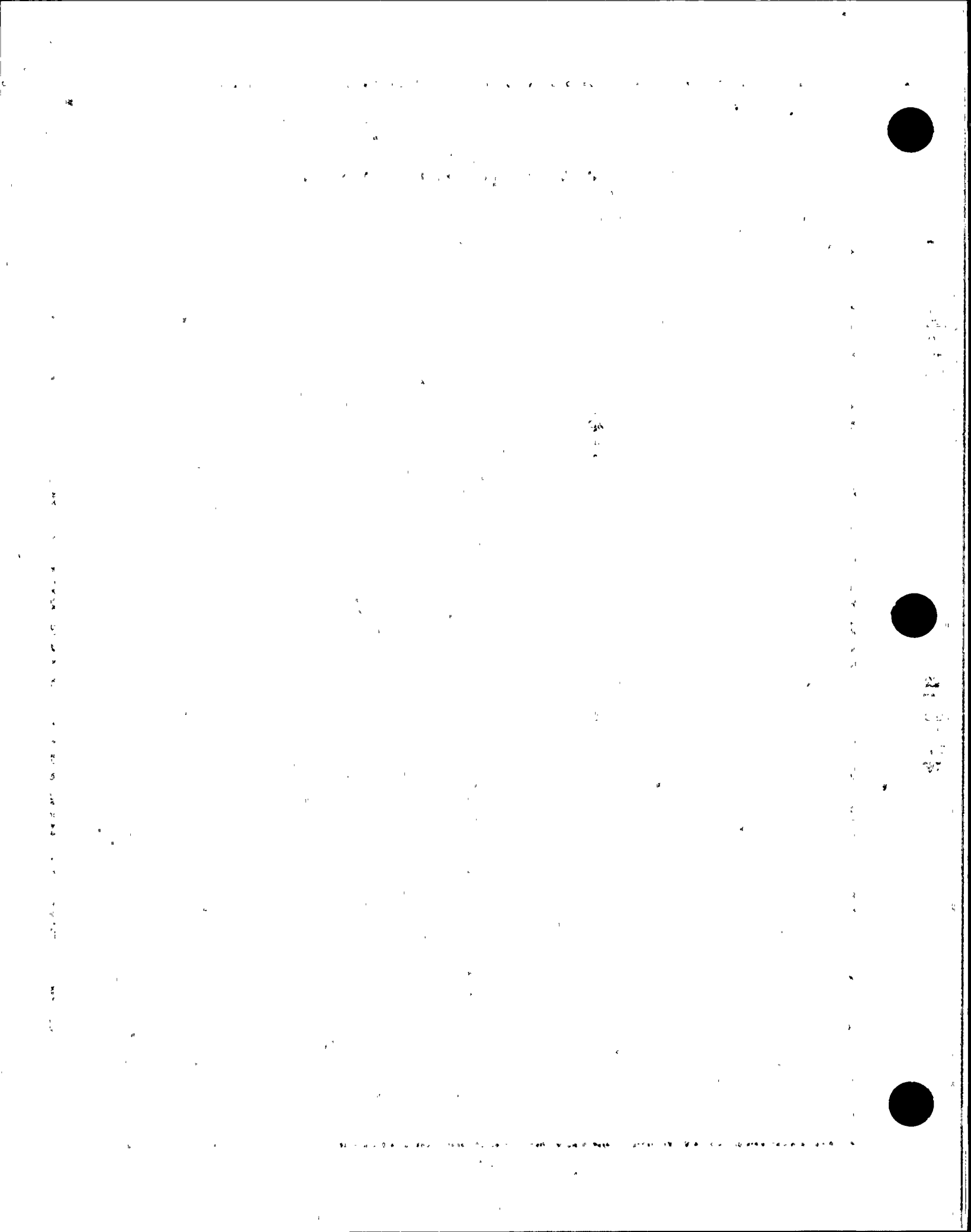
ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
C 3.30	96SI LPSI 1A		Three	2	2	SI-202-H17		95-3084		
						SI-202-H5		98-3168		
	99 SI LPSI 2B		Two	1	1	SI-174-H13		92-3381		
						SI-369-H1		89-3420		
	100 SI LPSI A		One	1				89-3658		Reject
								89-3678		PSE/Rc-exam
			Two	1	1	84-5		92-3275		PSE/Rc-exam
						85-5		95-3400		
	72 LPSI Pump Loop 1		One	2	2	72-3A		89-3003		
						72-3B		89-3003		
			Two	1	1	72-3C		92-3155		
						73-3A		92-3454		
	75 LPSI Pump Loop 2		Two	1	1	73-3B		95-3168		
						73-3C		95-3168		
	78 CS Pump Loop 1		One	2	2	80-3A		89-3009		
						80-3B		89-3009		
			Two	1	1	80-3C		92-3152		
						81-3C		92-3417		
	81 CS Pump Loop 2		Two	1	1	81-3A		95-3195		
						81-3B		95-3195		
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			
	49MS SG 2 @ 270		Three	20	20	UV171	95-3407			
						UV171	98-3176			PSE
	50MS SG 2 @ 90		Three	20	20	UV181	95-3406			
	56 Feedwater SG-1		Two	20	20	UV132	92-3328			
						UV174	92-3329			
			Three	0	0	UV174	97-3120			PSE
						UV137	95-3409			
	57FW SG 2		Three	20	20	UV177	95-3408			
C 5.11 & 5.12	58 Aux FW SG 1		One	1	1	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 Aux FW SG 2					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		
			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		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		
			Two	1	1	44-5	94-3160	94-3159		
						44-1	97-3198	97-3266		
						44-2	97-3197	97-3266		
			Two	2	2	45-1	94-3118	94-3140		
						45-2	94-3119	94-3140		
	45 MS SG 2 @ 270		Three	3	3	45-22	97-3160	97-3193		
						45-24	97-3161	97-3193		
						45-25	97-3162	97-3193		
			One	2	2	46-25	89-3368	89-3291		
						46-27	89-3369	89-3291		
			Two	2	2	46-1	94-3117	94-3139		
						46-2	94-3116	94-3139		
						46-28	97-3199	97-3156		
	54 Feedwater SG 1		Three	1	1	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
	55 Feedwater SG 2					54-10	94-3122	94-3120		
						54-11A	94-3123	94-3120		
						54-59	94-3154	94-3128		
						54-60	94-3155	94-3128		
			Three	6	6	41-38	97-3096	97-3050		
						41-39	97-3097	97-3050		
						54-51	97-3281	97-3195		
								98-3074		Re-exam
						54-52	97-3282	97-3195		
								98-3074		Re-exam
			One	5	5	54-1	97-3074	97-3050		
						54-15	97-3073	97-3050		
						42-38	91-3036	91-3013		



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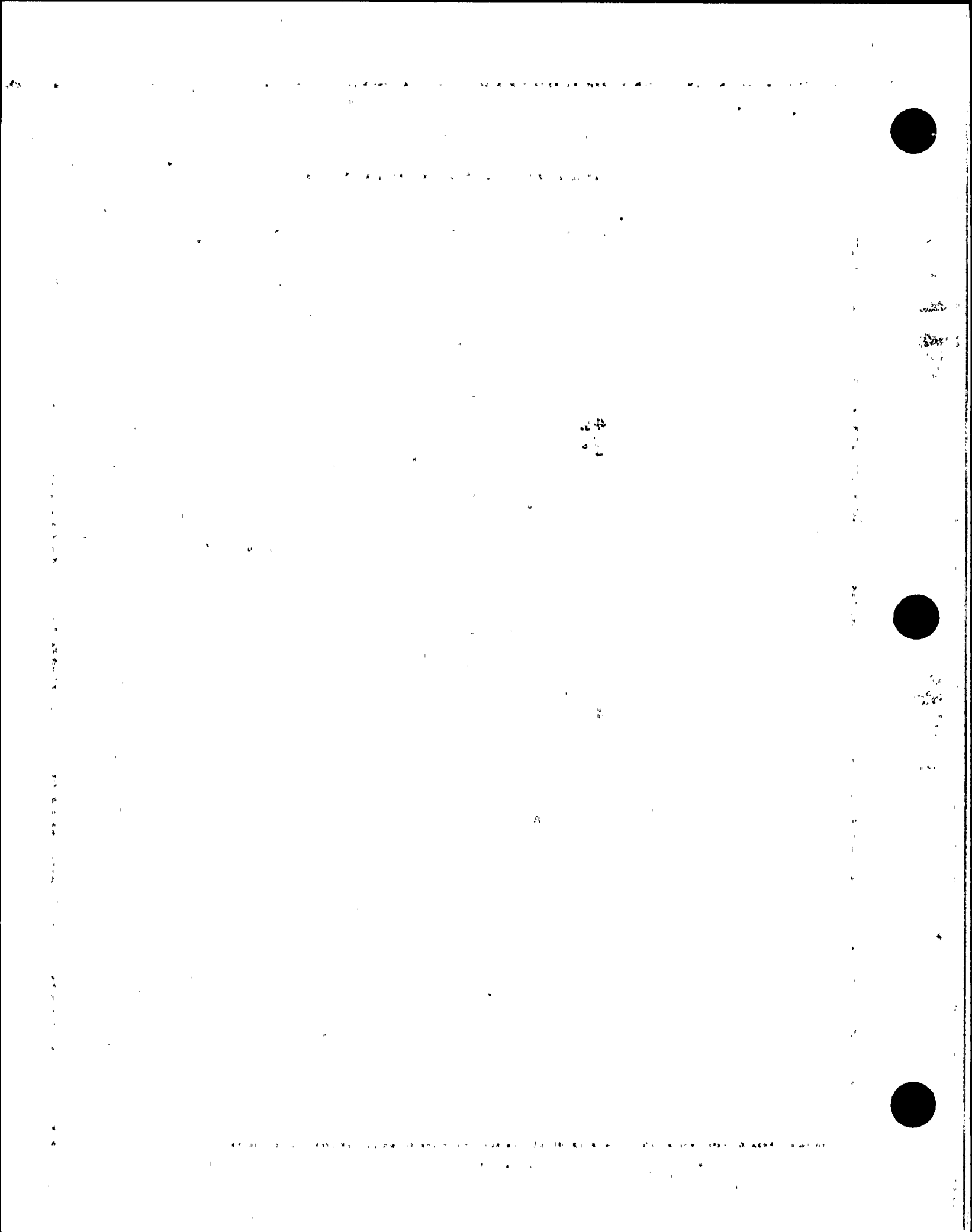
ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
						55-11	91-3041	91-3167		
						55-12	91-3040	91-3014		
						55-15	91-3037	91-3013		
						55-26	91-3015	91-3014		
			Two	5	5	55-1	94-3438	94-3142		
						55-15	94-3439	94-3142		
						55-38	94-3152	94-3143		
						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		
								98-3152		Re-exam
						55-59	97-3286	97-3155		
								98-3152		Re-exam
						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		



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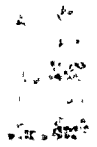
ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
C 6.20	65 Blowdown SG 2		One	4	4	64-53	97-3175	97-3099		
						65-22	91-3028	91-3043		
						65-24	91-3029	91-3043		
						65-27	91-3030	91-3043		
			Two	3	3	65-28	91-3031	91-3043		
						65-49	94-3308	94-3130		
						65-51	94-3307	94-3130		
						65-52	94-3306	94-3130		
			Three	4	4	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		
						89 BW Gate Valves		97-3269		16"
						86 BW Gate Valves		97-3262		6"
C 7.10	n/a System Functional Test		One	All	All	Press Bound			See Remarks	91-3211, 91-3212
C 7.30										91-3215, 92-3001
C 7.50										92-3002, 92-3013
C 7.70										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
			Three	All	All	Press Bound				See Hydro Reports
C 7.20	n/a System Hydro Test		Three	All	All	Press Bound			See Remarks	98-3011, 98-3012
C 7.40										98-3021, 98-3025
C 7.60										98-3026, 98-3031
C 7.80										98-3033, 98-3034
										98-3035, 98-3036
										98-3039, 98-3040
										98-3045, 98-3051
										98-3052, 98-3053
										98-3057, 98-3066
										98-3067, 98-3068
										98-3069, 98-3070
										98-3257, 98-3258
										98-3259, 98-3260
										98-3260, 98-3261
										98-3262, 98-3265
										98-3266, 98-3267
										98-3269, 98-3270
										98-3271, 98-3272
										98-3273, 98-3275
										98-3276, 98-3277
										98-3280



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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
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
			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
						SG-36-H16			97-3139	
			One	2	2	SG-33-H17			89-3297	
						SG-33-H18			89-3298	
						SG-33-H14			94-3049	Support Deleted
	44	MS SG 1	Two	5	5	SG-33-H15			94-3048	Support Deleted
						SG-33-H16			94-3050	
						SG-33-H881			94-3047	
			Three	3	3	SG-33-H882			94-3046	
						SG-33-H11			97-3140	
						SG-33-H12			97-3141	Support Deleted
			One	3	3	SG-33-H13			97-3142	Support Deleted
						SG-42-H13			91-3181	PSE
						SG-42-H14			89-3292	
	45	MS SG 2				SG-42-H15			89-3293	
									91-3091	
						SG-42-H16			89-3366	
			Two	3	3				91-3090	
						SG-42-H11			94-3084	
						SG-42-H12			94-3085	Support Deleted
			Three	3	3	SG-42-H13			94-3086	Support Deleted
						SG-42-H17			97-3145	
						SG-42-H890			97-3143	
			One	2	3	SG-42-H891			97-3144	
						SG-45-H14			91-3182	PSE
						SG-45-H17			89-3299	
	46	MS SG 2	Two	5	5	SG-45-H18			89-3300	
						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	
			One	1	1	SG-206-H1			89-3306	
			Two	1	1	SG-207-H1			92-3330	



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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
		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	
						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	
						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	
			Three	4	4	SG-5-H8			95-3100	Re-exam

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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
						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/Rc-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	
						SG-8-H19			97-3232	
						AF-4-H1			97-3225	
	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	
			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	
						SG-11-H902			97-3224	



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ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
60	Downcomer	SG 1	One	1	1	SG-11-H904			97-3379	Support Deleted
			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	
						SG-203-H14			92-3525	
62	Aux FW	SG 1	Three	1	1	SG-203-H8			95-3285	
			One	1	1	AF-4-H3			89-3187	
			Two	1	1	AF-18-H1			94-3313	
63	Aux FW	SG 2	Three	2	2	AF-18-H2			97-3367	
						AF-18-H3			97-3366	
			One	2	2	AF-6-H2			89-3189	
64	Blowdown	SG 1	Two	2	2	AF-16-H1			89-3190	
						AF-6-H3			94-3314	
						AF-6-H5			94-3315	
			Three	1	1	AF-6-H4			97-3368	
			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	
						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	
			Three	12	12	SG-39-H10			95-3465	PSE Support Deleted Support Deleted
						SG-39-H7			97-3243	
						SG-39-H8			97-3244	
						SG-39-H9			97-3245	
						SG-39-H18			97-3246	
						SG-39-H19			97-3247	
						SG-39-H20			97-3248	Support Deleted Support Deleted Support Deleted
						SG-39-H21			97-3249	
						SG-39-H22			97-3250	
						SG-39-H23			97-3251	Support Deleted
						SG-39-H24			97-3252	
						SG-39-H25			97-3253	

APPENDIX A

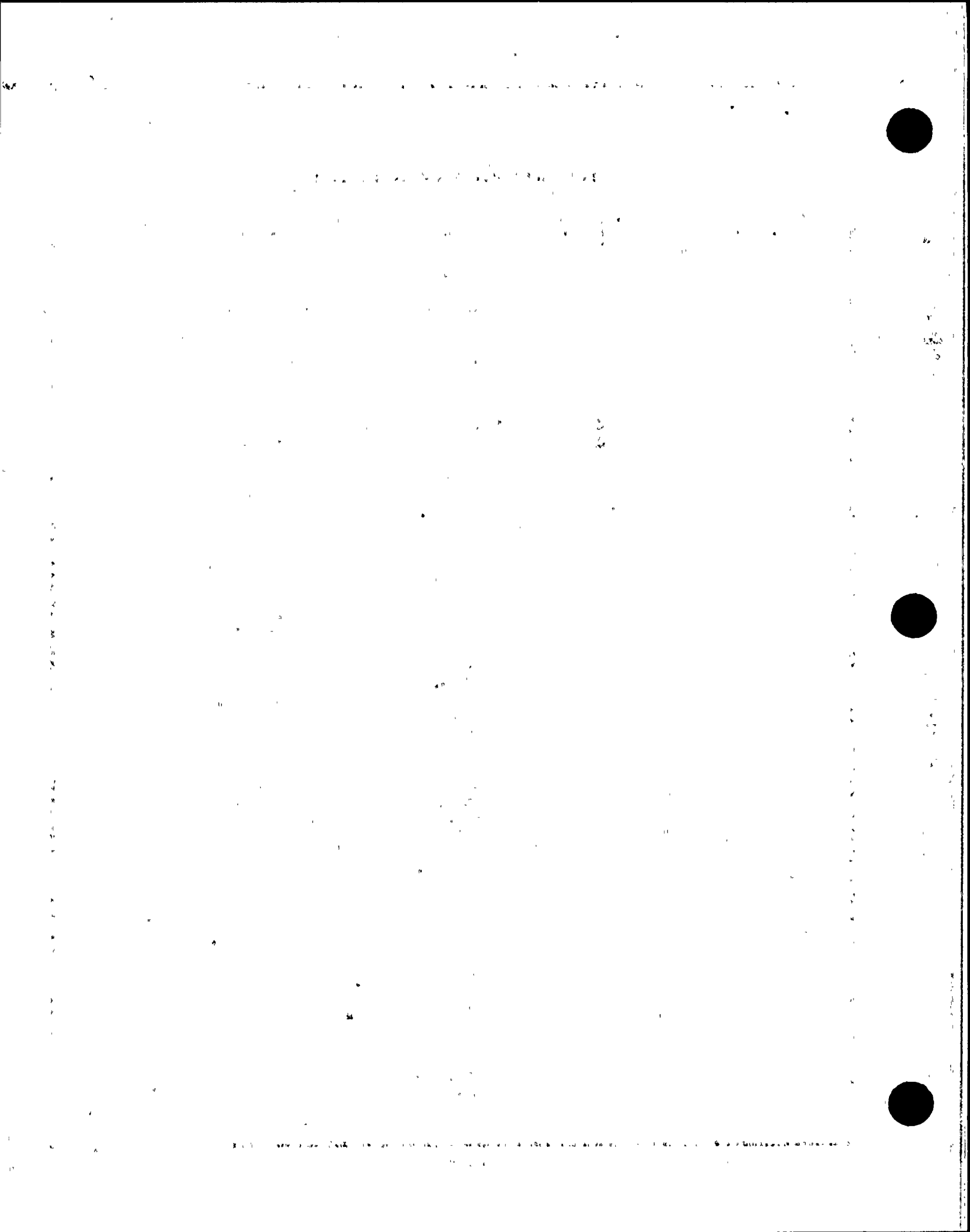
INSERVICE INSPECTION SUMMARY REPORT

ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
65	Blowdown	SG 2	One	10	10	SG-39-H28			97-3254	Support Deleted
						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	
			Two	11	11	SG-52-H4			91-3022	
						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	
			Three	13	13	SG-48-H25			94-3380	PSE Support Deleted Support Deleted Support Deleted Support Deleted Support Deleted Support Deleted Support Deleted Support Deleted Support Deleted Support Deleted Support Deleted
						SG-48-H26			94-3381	
						SG-48-H11			95-3466	
						SG-48-H1			97-3034	
						SG-48-H5			97-3084	
						SG-48-H6			97-3085	
						SG-48-H7			97-3086	
						SG-48-H8			97-3087	
						SG-48-H9			97-3088	
						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	
						SG-52-H6			97-3082	
						SG-52-H7			97-3083	
68	Reg	HT Exchanger	Two	1	1	68-10			94-3091	Support Deleted Support Deleted
			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	
71	LPSI	A Discharge				SI-307-H17			95-3157	
			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	

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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
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	
						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	



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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
81 CS Pump B			Two	4	4	SI-119-H9			89-3568	
						SI-119-H1			92-3416	
						SI-119-H2			92-3415	
						SI-119-H3			92-3414	
			Three	3	3	SI-119-H4			92-3452	
						SI-119-H5			95-3144	
						SI-119-H6			95-3141	
						SI-147-H1			95-3142	
			Two	1	1	81-3C			92-3418	
						81-3A			95-3208	
			Three	2	2	81-3B			95-3230	
						SI-78-H5			89-3114	
			Three	1	1	SI-79-H10			89-3115	
						SI-78-H4			95-3143	
			Three	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	
						SI-70-H1			95-3411	
			Three	12	12	SI-70-H2			95-3251	
						SI-70-H3			95-3250	
						SI-70-H6			95-3252	
						SI-70-H7			95-3102	
			Three	12	12	SI-87-H5			95-3462	
						SI-87-H6			95-3116	
						SI-87-H7			95-3163	
						SI-87-H8			95-3385	
			Three	12	12	SI-90-H4			95-3248	
						SI-82-H1			95-3249	
						SI-89-H5			95-3101	
						SI-87-H7			95-3162	
85 Shutdown Cooling B One			Three	3	3	SI-119-H10			97-3255	
						SI-123-H6			89-3569	
						SI-123-H7			89-3570	
						SI-123-H7			89-3683	
			Two	6	6	SI-119-H11			89-3571	
						SI-119-H13			92-3513	
						SI-119-H14			92-3458	
						SI-123-H2			92-3523	
			Two	3	3	SI-123-H5			92-3457	
						SI-123-H8			92-3456	
						SI-129-H10			92-3514	
86 Shutdown Cooling B One			Two	7	7	SI-129-H11			89-3572	
						SI-129-H12			89-3573	
						SI-129-H7			89-3574	
			Two	7	7	SI-129-H8			92-3520	
						SI-135-H1			92-3521	
						SI-135-H1			92-3517	

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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
						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	
						SI-73-H2			89-3139	
						SI-73-H3			89-3140	
						SI-72-H15			91-3092	PSE
			Three	6	6	SI-72-H15			95-3237	
						SI-72-H16			95-3238	
						SI-72-H17			95-3233	
						SI-72-H18			95-3234	
						SI-72-H19			95-3236	
						SI-72-H20			95-3235	
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	
			Three	1	1	SI-173-H1			95-3287	
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	



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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			
	92	Safety Injection	Two	2	2	SI-71-H2			92-3151	Reject PSE/Re-exam			
						SI-71-H3			92-3150				
			Three	1	1	SI-70-H14			95-3284				
			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				
									89-3676				
			Two	5	5	SI-239-H1			92-3192				
						SI-239-H2			92-3193				
						SI-241-H9			92-3179				
									92-3263				
									94-3353				
	93	Safety Injection				SI-241-H11			92-3178	PSE PSE			
						SI-241-H16			92-3180				
			Three	2	2	SI-2-H1			95-3103				
						SI-2-H5			95-3166				
			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	Reject Re-exam
								SI-89-H8				89-3024	
						SI-89-H9			89-3025				
	Two	7			7	SI-241-H6			92-3272				
						SI-241-H7			92-3258				
									92-3262				
					SI-241-H8			92-3281					
					SI-241-H17			92-3282					
					SI-70-H4			92-3280					
					SI-70-H5			92-3271					
95	Safety Injection				SI-70-H8			92-3270	Reject Re-exam				
		Three	5	5	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					
								95-3324					
					SI-89-H6			97-3258					
		One	6	6	SI-72-H8			89-3575					
					SI-72-H10			89-3576					
					SI-134-H11			89-3577					
					SI-134-H12			89-3586					
								89-3684					
					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						

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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
96 LPSI 1A						SI-194-H10			92-3538	Re-exam
						SI-194-H11			92-3464	
						SI-194-H15			92-3468	
						SI-194-H21			92-3465	
						SI-72-H7			92-3460	
						SI-72-H9			92-3467	
						SI-194-H2			92-3466	
			Three	2	2	SI-194-H6			95-3227	
			One	3	3	SI-202-H7			95-3283	
						SI-202-H8			89-3340	
						SI-202-H9			89-3339	
			Two	8	8	SI-202-H2			89-3341	
						SI-202-H3			92-3267	
						SI-202-H4			92-3266	
						SI-202-H5			92-3357	PSE
						SI-202-H6			92-3283	
						SI-202-H10			92-3195	
						SI-202-H11			92-3194	
						SI-202-H12			92-3269	
						SI-202-H15			92-3268	
						SI-202-H1			92-3358	
						SI-202-H12			92-3293	
						SI-202-H13			92-3092	
						SI-202-H14			95-3088	
97 LPSI 1B						SI-202-H16			95-3090	Support Deleted Support Deleted
						SI-202-H17			95-3089	
						SI-202-H18			95-3091	
						SI-220-H8			95-3087	
						SI-220-H9			95-3093	
						SI-220-H10			89-3330	
						SI-220-H11			89-3336	
						SI-220-H12			89-3347	
						SI-220-H13			89-3329	
						SI-220-H14			89-3328	
						SI-220-H15			89-3331	
						SI-220-H19			89-3321	
						SI-220-H22			89-3332	
						SI-220-H1			89-3450	
						SI-220-H7			89-3342	
						SI-220-H12			92-3259	
						SI-220-H16			92-3265	
						SI-220-H17			92-3360	
						SI-220-H18			92-3361	
						SI-220-H20			92-3284	
						SI-220-H21			92-3288	Reject Re-exam
						SI-220-H24			92-3287	
						SI-220-H27			92-3260	
									92-3264	
									92-3286	
									92-3362	
									92-3359	



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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
			Three	10	10	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	
						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
	98 LPSI 2A		One	2	2	SI-155-H5			89-3334	
						SI-155-H6			89-3327	
			Two	4	4	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	
	99 LPSI 2B		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	
						SI-174-H5			95-3132	
						SI-174-H6			95-3134	Support Deleted
						SI-174-H11			95-3133	
						SI-174-H12			95-3130	
	100 LPSI A Suction		One	2	2	SI-241-H19			89-3346	
						SI-369-H1			89-3440	
			Two	1	1	84-5			92-3356	
	101 LPSI B Suction		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	
FR 5.11 & 5.12	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		
						70-61	92-3220	92-3190		
						70-103	92-3219	92-3157		
			Three	3	3	71-53	95-3232	95-3167		



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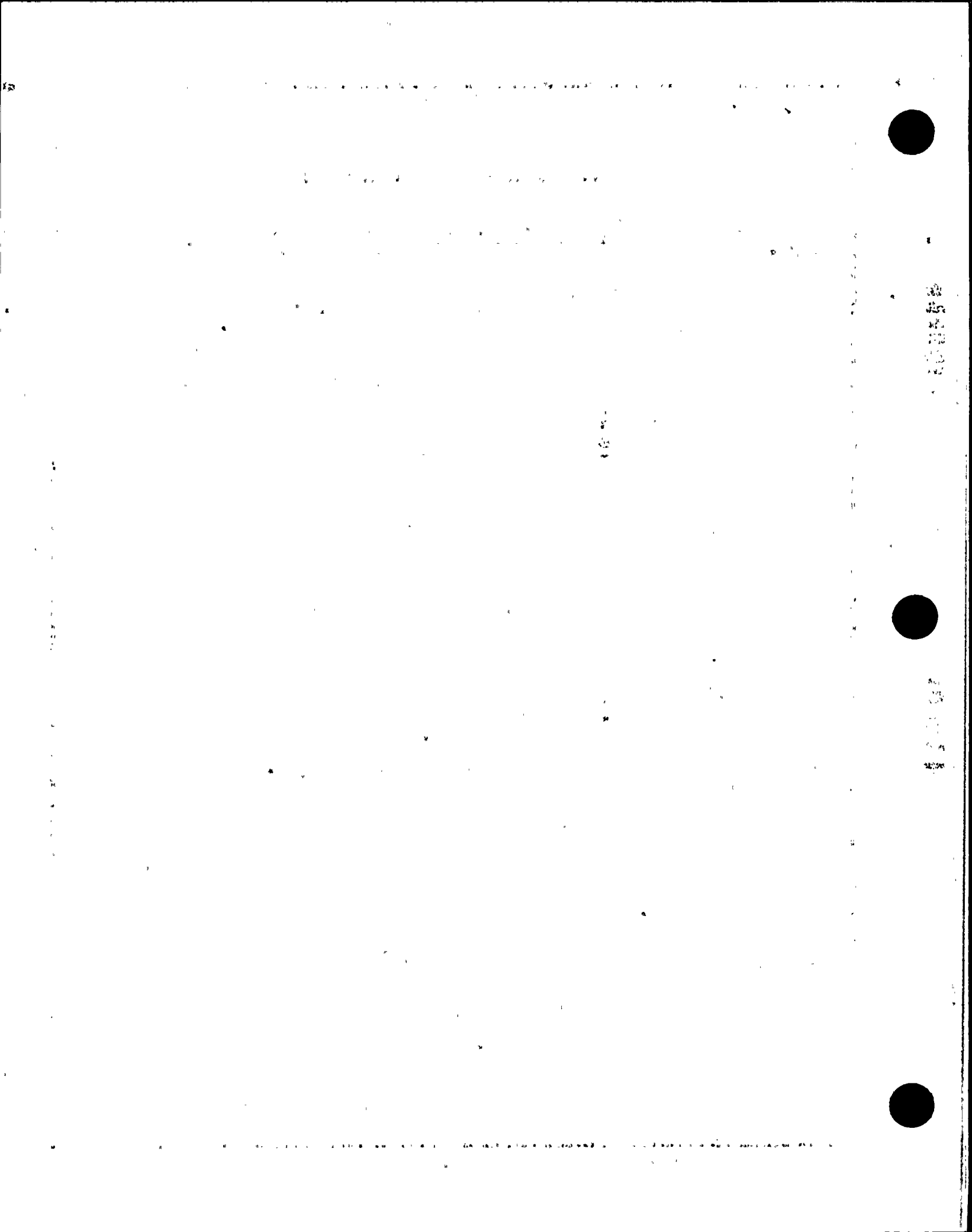
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INSERVICE INSPECTION SUMMARY REPORT

ASME Item no	Zone	Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
71 LPSI Pump A & B & Discharge 74			One	3	3	71-69	95-3308	95-3167		
						71-110	95-3231	95-3167		
						72-5	89-3019	89-3005		
						72-6	89-3020	89-3005		
			Two	3	3	72-8	89-3021	89-3005		
						72-18	92-3166	92-3197		
						74-45	92-3167	92-3198		
						74-46	92-3165	92-3196		
			Three	2	2	73-8	95-3210	95-3169		
						73-30	95-3209	95-3169		
						80-10	89-3027	89-3007		
						80-16	89-3022	89-3007		
76 CS Pump A & B & Suction 79			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		
			One	3	3	82-1	89-3029	89-3008		
						82-1A	89-3028	89-3008		
77 CS Pump A & B & Discharge 80			Two	4	4	82-2A	89-3030	89-3008		
						82-15	92-3216	92-3147		
						82-16	92-3218	92-3146		
						82-31	92-3217	92-3145		
			Three	4	4	83-1A	92-3410	92-3412		
						83-2	95-3176	95-3085		
						83-3	95-3173	95-3085		
						83-16	95-3174	95-3085		
			One	2	2	83-30	95-3175	95-3085		
						72-48	89-3120	89-3112		
						72-61	89-3121	89-3112		
82 SDCHX Inlet A & B & 85			Two	4	4	72-52	92-3327	92-3294		
						73-36	92-3499	92-3459		
			Three	1	1	73-37	92-3500	92-3459		
						73-63	92-3501	92-3459		
						73-54	95-3358	95-3190		
						74-19	89-3126	89-3111		
			One	6	6	74-21	89-3127	89-3111		
						74-74	89-3122	89-3111		
						74-87	89-3123	89-3113		
						74-100	89-3124	89-3111		
83 SDCHX Outlet A&B & 86			Two	3	3	74-105	89-3125	89-3111		
						74-1	92-3212	92-3159		
							92-3213			
						74-3	92-3214	92-3144		
			Three	9	9	74-117	92-3207	92-3139		
						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		



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
						83-41	95-3353	95-3213		
						75-2	97-3342	97-3338		
		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		
			Three	1	1	79-1	95-3223	95-3258		
		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		
			Three	2	2	71-88	95-3226	95-3229		
						71-91	95-3307	95-3216		
		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	Three	2	2	71-34	95-3215	95-3228		
						71-36	95-3214	95-3228		
		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		
			Three	4	4	71-112	95-3170	95-3057		
						71-113	95-3171	95-3058		
						71-124	95-3083	95-3058		
						85-3	95-3399	95-3400		
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								
		96 LPSI Header to								
		97 Primary Loops	One	2	2	78-45	89-3422	89-3418		
		98				78-47	89-3421	89-3418		
		99	Two	3	3	77-22	92-3291	92-3292		
						77-27	92-3290	92-3292		
						77-28D	92-3289	92-3292		
			Three	3	3	76-25	95-3079	95-3057		
						76-27	95-3067	95-3057		
						76-47	95-3068	95-3060		
FR 5.31		82 SD Cooling A	One	1	1	72-49B		89-3112		
		83 SDCHX A&B	Three	1	1	75-13	95-3220	95-3193		
		&								
		86								



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
	91	Safety Injection	One	1	1	74-102		89-3131		



APPENDIX B

INSERVICE INSPECTION
CODE LIMITATIONS



12-11-1964



12-11-1964



INTERVAL ONE

CODE LIMITATIONS

<u>ITEM</u>	<u>ZONE</u>	<u>ITEM ID</u>	<u>REPORT #</u>	<u>RELIEF REQUEST</u>
B1.22	1	RPV Welds	WesDyne Report	13
B6.190	16,17,18,19	RCP Flange	none	14
B8.20	5	PZR Skirt	89-3581, 89-3551	14
			89-3582, 89-3583	
			94-3040, 94-3023	
			94-3041, 94-3042	
			95-3073, 95-3066	
			95-3110,95-3192	
B12.20	16,17,18,19	RCP Casing	WesDyne Report	14
C3.20	55	SG-05-H9	91-3027	14
C3.20	65	SG-52-H5	97-3093	14

APPENDIX C

FORM

NIS-1



11



12



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, 2 and 3 examinations and all Interval 1 examinations completed through **January 10, 1999**.



1234567890



1234567890



APS

NIS-1 BACK

OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

7. EXAM DATES 3/29/97 TO 1/10/99
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

No rejectable conditions were detected during the seventh refueling examinations.

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 1/14/99 SIGNED: ARIZONA PUBLIC SERVICE COMPANY

BY Michael J. Melton

CERTIFICATE OF INSERVICE INSPECTION

I, THE UNDERSIGNED, HOLDING A VALID COMMISSION ISSUED BY THE NATIONAL BOARD OF BOILER AND PRESSURE VESSEL INSPECTORS AND THE STATE OR PROVINCE OF ARIZONA EMPLOYED BY HSBI & I CO. OF HARTFORD, CONNECTICUT HAVE INSPECTED THE COMPONENTS DESCRIBED IN THIS OWNERS REPORT DURING THE PERIOD 3-29-97 TO 1-10-99, 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 Richard A. Hyatt

COMMISSIONS NB 9685 'N' '1' 12-26-1
NATIONAL BOARD, STATE, PROVINCE

DATE 1-15-99

1200 0012



1200 0012

