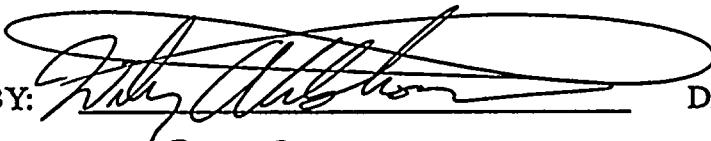




PALO VERDE NUCLEAR GENERATING STATION
UNIT 2 INSERVICE INSPECTION REPORT
FIFTH REFUELING OUTAGE

ARIZONA PUBLIC SERVICE
P.O. BOX 52034
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PREPARED BY:  DATE: 5-31-95
REVIEWED BY:  DATE: 6-20-95
APPROVED BY:  DATE: 6-27-95

COMMERCIAL SERVICE DATE: 9/19/86
REPORT DATE: 05/31/95

UNIT 2 INSERVICE INSPECTION REPORT

1.0 Introduction

This report is a summary of the examinations performed during the fifth Inservice Inspection (ISI) at Palo Verde Nuclear Generating Station (PVNGS) Unit 2. This report also includes all applicable examinations conducted since the last summary report. This was the first ISI for Interval 1, Period 3, and was conducted during the fifth refueling outage which began February 4, 1995 and was completed March 30, 1995. Palo Verde Unit 2 began commercial operation on September 19, 1986.

This report identifies the components examined, the examination methods used, the examination report numbers, and summarizes the examination results for each of the following categories:

1. ASME Section XI, Class 1 and 2 pressure retaining components and their supports,
2. Augmented High Energy Piping systems in accordance with PVNGS UFSAR Section 6.6.8, and
3. Augmented examinations of Class 2 Safety Injection Piping systems in accordance with 10CFR50.55a.

This report is a compilation of the Period 1 and 2 refueling outages and the first outage in Period 3. All of the examination report numbers listed in Appendix A for the fifth refueling and applicable examinations performed since the last summary report are numbered with 94-2XXX or 95-2XXX, and are in bold print.

2.0 Examination Summary

The evaluation of the results from the ISI examinations indicated that the integrity of the systems had been maintained. All discrepancies were corrected or determined "use as is" 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 are maintained on file.

3.0 Examination Techniques

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

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

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

4.0 Accessibility

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

5.0 Personnel

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

6.0 Equipment and Materials

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

7.0 Repairs and Replacements

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

ZONE	ITEM ID	DISCREPANCY
74	SI-129-H001	Missing snap ring
40	V533	Boric acid residue
43	SG-036-H011	Cracked weld
45	SG-042-H011	Cracked weld
3	SG 1 Manway Stud	Galled threads
93	SI-089-H011	Loose nut
88	SI-072-H020	Loose nut
91	SI-070-H014	Loose jam nut
5	5-1	UT linear indications, same as previous outage

The loose bolting on the pipe supports were tightened as per the requirements of the individual work orders. Support components which were rejected due to missing parts were replaced with parts as required. The two UT linear indications on item 5-1 were determined to be the same or "no change" from last outage(MNCR 93-RC-2027). The two cracked welds on hangers SG-036-H-011 and SG-042-H-011 were repaired per the individual Work Order. These cracks were on structural steel outside the NF boundary. The manway stud with galled threads was replaced with a new one. The borated valve was reworked per an existing work order and re-examined.

The applicable records and reports for the specific repair or replacement are maintained on file at Palo Verde. A preservice examination was performed on the repaired or replaced items listed above.

APPENDIX A

INSERVICE INSPECTION
SUMMARY REPORT

APPENDIX A

Definition of Terms

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

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

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

Zone No: Area designation per PVNGS design

Comp/Sys: Component or system descriptor

Insp Per: Inspection period

Reqd: Number of items required to be completed in the period

Item ID: Item identification per ISI program/zone drawings

Reports (VOL): Volumetric exam report number

(SURF): Surface exam report number

(VIS): Visual exam report number

Remarks: Re-exam or replacement remarks indicate acceptable examination results



Definition of terms continued

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

APPENDIX A

INSERVICE INSPECTION SUMMARY REPORT

ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
AHE5.11 & AHE5.12	51 Bypass V180	Two	20	20	51-65	91-2423	91-2434		
					51-66	91-2424	91-2434		
					51-67	91-2449	91-2435		
					51-68	91-2450	91-2435		
					51-69	91-2451	91-2435		
					51-70	91-2452	91-2435		
					51-71	91-2453	91-2435		
					51-72	91-2454	91-2435		
					51-73	91-2455	91-2435		
					51-74	91-2456	91-2435		
					51-75	91-2457	91-2435		
					51-76	91-2458	91-2435		
					51-77	91-2425	91-2434		
					51-78	91-2426	91-2434		
					51-79	91-2427	91-2433		
					51-80	91-2428	91-2433		
					51-81	91-2429	91-2434		
					51-82	91-2430	91-2433		
					51-83	91-2431	91-2433		
					51-84	91-2432	91-2433		
	52 Bypass V171	Three	21	21	52-65	95-2310	95-2247		
					52-66	95-2311	95-2247		
					52-67	95-2312	95-2247		
					52-68	95-2283	95-2247		
					52-69	95-2282	95-2247		
					52-70	95-2281	95-2247		
					52-71	95-2280	95-2247		
					52-72	95-2279	95-2247		
					52-73	95-2278	95-2247		
					52-74	95-2277	95-2247		
					52-75	95-2276	95-2247		
					52-76	95-2287	95-2247		
					52-77	95-2313	95-2245		
					52-78	95-2314	95-2247		
					52-79	95-2315	95-2244		
					52-80	95-2316	95-2247		
					52-81	95-2317	95-2247		
					52-82	95-2318	95-2247		
					52-83	95-2285	95-2247		
					52-84	95-2284	95-2247		
					52-90	95-2286	95-2246		
	53 Steam to Aux FW	One	10	9*	53-11	88-2125	88-2111		
					53-12	88-2122	88-2111		
					53-13*		88-2111		*No UT inaccess
					53-14	88-2124	88-2111		
					53-15	88-2123	88-2111		
					53-21	88-2128	88-2111		
					53-22	88-2129	88-2111		
					53-23	88-2127	88-2111		
					53-24	88-2126	88-2111		
					53-25	88-2130	88-2111		

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 & AHE5.22	47 MS SG1 WEST	Two	9	9	53-1	91-2442	91-2439					
					53-2	91-2443	91-2439					
					53-4	91-2444	91-2439					
					53-5	91-2445	91-2439					
					53-6	91-2446	91-2439					
					53-7	91-2466	91-2462		Reject (surf)			
							91-2528		Re-exam			
					53-8	91-2478	91-2439					
					53-9	91-2467	91-2439					
					53-10	91-2468	91-2439					
		Three	10	10	53-16	95-2307	95-2399					
					53-26	95-2298	95-2399					
					53-27	95-2299	95-2399					
					53-28	95-2300	95-2399					
					53-29	95-2301	95-2399					
					53-30	95-2302	95-2399					
					53-31	95-2303	95-2399					
					53-32	95-2304	95-2399					
					53-34	95-2305	95-2399					
					53-35	95-2306	95-2399					
					53-7		95-2427		Re-exam			
					One	12	12	47-1	88-2272	88-2112		CIRC UT
										88-2142		AXIAL UT
								47-2	88-2270	88-2112		
								47-4	88-2103	88-2112		
								47-8	88-2104	88-2058		
								47-12	88-2105	88-2058		
								47-16	88-2106	88-2058		
		47-20	88-2107	88-2058								
		47-24	88-2143	88-2112								
		47-25	88-2144	88-2112								
		47-28	88-2133	88-2058								
		47-29	88-2134	88-2058								
		47-30	88-2271	88-2112								
		Two	0		47-4	93-2258	93-2219					
					47-8	93-2278	93-2219					
					47-12	93-2259	93-2219					
					47-16	93-2277	93-2219					
					47-20	93-2260	93-2219					
48 MS SG 1 EAST	Two	12	12	48-1	91-2309	91-2250						
						91-2251						
				48-2	91-2310	91-2249						
					91-2311	91-2251						
				48-4	91-2370	91-2251						
				48-8	91-2371	91-2251						
				48-12	91-2372	91-2251						
				48-16	91-2394	91-2250						
				48-20	91-2373	91-2250						
				48-24	91-2257	91-2248						
						91-2313						
				48-25	91-2256	91-2248						

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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
49 MS SG 2 EAST	Two	0			48-28	91-2472	91-2249		
					48-29	91-2473	91-2249		
					48-30	91-2259	91-2248		
					48-4	93-2261	93-2218		
					48-8	93-2262	93-2218		
					48-12	93-2326	93-2218		
					48-16	93-2263	93-2218		
					48-20	93-2264	93-2218		
					49-4	93-2265	93-2217		
					49-8	93-2266	93-2217		
					49-12	93-2267	93-2217		
					49-16	93-2268	93-2217		
	Three	12	12		49-20	93-2398	93-2217		
					49-1	95-2447	95-2382		
					49-2	95-2446	95-2382		
						95-2448			
					49-4	95-2391	95-2006		
					49-8	95-2390	95-2006		
					49-12	95-2389	95-2006		
					49-16	95-2388	95-2006		
					49-20	95-2387	95-2006		
					49-24	95-2421	95-2382		UT limited by hanger
						95-2431			
					49-25	95-2422	95-2382		
					49-28	95-2433	95-2428		
50 MS SG 2 WEST	Two	0			49-29	95-2434	95-2428		
					49-30	95-2423	95-2382		
					50-4	93-2269	93-2235		
					50-8	93-2271	93-2235		
					50-12	93-2270	93-2235		
					50-16	93-2272	93-2235		
					50-20	93-2273	93-2235		
	Three	12	12		50-1	95-2460	95-2418		
					50-2	95-2458	95-2418		
						95-2459			
					50-4	95-2396	95-2260		
					50-8	95-2395	95-2260		
					50-12	95-2394	95-2004		
					50-16	95-2393	95-2004		
					50-20	95-2392	95-2004		
					50-24	95-2411	95-2418		UT limited by hanger
						95-2430			
					50-25	95-2410	95-2418		
					50-28	95-2435	95-2260		
51 Atmos Dump SG 1	One	13	13		50-29	95-2436	95-2260		
					50-30	95-2412	95-2418		
					51-1	88-2093	88-2058		
					51-2	88-2241	88-2131		
					51-3	88-2242	88-2303		
					51-4	88-2243	88-2303		
					51-5	88-2248	88-2131		

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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	88-2244	88-2303		
					51-7	88-2245	88-2131		
					51-8A	88-2246	88-2131		
					51-8B	88-2247	88-2131		
					51-9	88-2249	88-2303		
					51-40	88-2250	88-2131		
					51-85	90-2302	90-2300		PSE/Block valve
					51-86	90-2303	90-2300		PSE/Block valve
					51-87	90-2304	90-2300		PSE/Block valve
					51-88	90-2305	90-2300		PSE/Block valve
		Two	14	14	51-26	91-2409	91-2388		
					51-27	91-2413	91-2388		
					51-28	91-2533	91-2532		Reject (surf)
							91-2535		Re-exam
					51-29	91-2534	91-2532		Reject (surf)
							91-2535		Re-exam
					51-30	91-2410	91-2388		
					51-31	91-2411	91-2388		
					51-32	91-2412	91-2388		
					51-33	91-2418	91-2388		
					51-34	91-2417	91-2388		
					51-37	91-2419	91-2441		
					51-39	91-2408	91-2388		
					51-87	91-2420	91-2388		
					51-88	91-2421	91-2388		
					51-89	91-2422	91-2388		
		Three	0	0	51-28		95-2405		Re-exam
					51-29		95-2405		Re-exam
52 Atmos Dump SG 2		One	0		52-3	90-2237	90-2107		
					52-85	90-2306	90-2301		PSE/Block valve
					52-86	90-2307	90-2301		PSE/Block valve
					52-87	90-2308	90-2301		PSE/Block valve
					52-88	90-2309	90-2301		PSE/Block valve
		Three	27	27	52-1	95-2289	95-2003		
					52-2	95-2293	95-2003		
					52-3	95-2292	95-2003		
					52-4	95-2294	95-2003		
					52-5	95-2295	95-2003		
					52-6	95-2296	95-2003		
							95-2253		
					52-7	95-2297	95-2253		
					52-8	95-2367	95-2253		
					52-9	95-2366	95-2003		
					52-10	95-2365	95-2003		
					52-27	95-2362	95-2005		
					52-28	95-2361	95-2005		
					52-29	95-2360	95-2252		
					52-30	95-2359	95-2252		
					52-31	95-2358	95-2005		
					52-32	95-2357	95-2005		
					52-33	95-2356	95-2005		

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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
	56 FW SG 1	One	4	4	52-34	95-2355	95-2005		
					52-35	95-2354	95-2005		
					52-38	95-2440	95-2005		
					52-40	95-2364	95-2252		
					52-41	95-2363	95-2252		
					52-85	95-2290	95-2003		
					52-86	95-2291	95-2003		
					52-87	95-2439	95-2005		
					52-88	95-2438	95-2425		
					52-89	95-2437	95-2005		
	60 Downcomer FW SG 1	One	9	9	56-1	90-2250	90-2255		
					56-4	90-2251	90-2255		
					56-6	90-2248	90-2255		
					56-7	90-2249	90-2255		
					56-9	91-2305	91-2300		
					56-11	91-2304	91-2299		
					60-7	88-2097	88-2108		
					60-8	88-2098	88-2305		
					60-9		88-2108		No UT inaccess
					60-11		88-2108		No UT inaccess
		Two	5	5	60-12		88-2108		No UT inaccess
					60-14	88-2099	88-2108		
					60-15	88-2100	88-2108		
					60-16	88-2101	88-2108		
					60-17	88-2102	88-2108		
					60-2	91-2389	91-2385		
					60-3	91-2390	91-2385		
					60-4	91-2391	91-2385		
					60-5	91-2392	91-2383		Reject (surf)
							91-2537		Re-exam
	61 Downcomer FW SG 2	Three	0	0	60-6	91-2393	91-2384		Reject (surf)
							91-2537		Re-exam
					60-5		95-2181		Re-exam
					60-6		95-2180		Re-exam
					61-2	91-2396	91-2387		
					61-3	91-2397	91-2387		
					61-4	91-2398	91-2387		
					61-5	91-2399	91-2387		
					61-6	91-2400	91-2387		
					61-7	95-2265	95-2325		
		Three	9	9	61-8	95-2266	95-2325		
							95-2523		
					61-9	95-2267	95-2325		
							95-2524		
					61-11	95-2268	95-2325		UT limited by hanger
							95-2591		
					61-12	95-2269	95-2325		
					61-14	95-2270	95-2325		
					61-15	95-2271	95-2325		
					61-16	95-2272	95-2325		
					61-17	95-2273	95-2325		

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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
66 Blowdown SG 1	One	10	10		66-1	88-2121	88-2109		
					66-2	88-2121	88-2109		
					66-3	88-2120	88-2109		
					66-4	88-2117	88-2109		
					66-5	88-2116	88-2096		
					66-7	88-2115	88-2109		
					66-8	88-2114	88-2109		
					66-9	88-2113	88-2109		
					66-25	88-2119	88-2109		
					66-28	88-2118	88-2109		
	Two	6	6		66-10	93-2379	93-2212		
						93-2380			
					66-11	93-2242	93-2212		
					66-12	93-2381	93-2212		
						93-2382			
					66-13	93-2383	93-2212		
						93-2384			
					66-14	93-2243	93-2212		
					66-15	93-2385	93-2212		
						93-2386			
67 Blowdown SG 2	Two	6	6		67-7	93-2244	93-2213		
					67-8	93-2246	93-2213		
					67-9	93-2387	93-2213		
						93-2388			
					67-10	93-2247	93-2213		
					67-11	93-2248	93-2213		
	Three	6	6		67-12	93-2249	93-2213		
					67-1	95-2174	95-2179		
					67-2	95-2175	95-2179		
					67-3	95-2176	95-2179		
					67-5	95-2177	95-2179		
					67-6	95-2178	95-2179		
					67-22	95-2173	95-2179		
AHE 5.31 47 MS SG 1 WEST & AHE5.32	One	7	7		47-3	88-2138	88-2112		
					47-7	88-2141	88-2058		
					47-11	88-2135	88-2058		
					47-15	88-2137	88-2058		
					47-19	88-2139	88-2058		
					47-23	88-2136	88-2058		
					47-27	88-2140	88-2058		
					48-3	91-2312	91-2338		
					48-7	91-2294	91-2251		
					48-11	91-2297	91-2251		
48 MS SG 1 EAST	Two	9	9		48-15	91-2254	91-2250		
					48-19	91-2295	91-2250		
					48-23	91-2255	91-2250		
					48-27	91-2296	91-2249		
					48-34	91-2293	91-2251		
					48-35	91-2258	91-2248		
					49-3	95-2445	95-2261		
					49-7	95-2444	95-2261		
49 MS SG 2 EAST	Three	9	9						

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
					49-11	95-2442	95-2262		
					49-15	95-2441	95-2261		
					49-19	95-2419	95-2261		
					49-23	95-2420	95-2261		
					49-27	95-2432	95-2426		
					49-34	95-2443	95-2261		
					49-35	95-2424	95-2382		
	50 MS SG 2 WEST	Three	7	7	50-3	95-2461	95-2260		
					50-7	95-2462	95-2260		
					50-11	95-2452	95-2260		
					50-15	95-2454	95-2260		
					50-19	95-2453	95-2260		
					50-23	95-2409	95-2260		
					50-27	95-2455	95-2260		
B 1.22	02 Closure Head	One	33%	33%	2-4	88-2375	88-2346		60" total accessible length examined
						88-2373	88-2346		
						88-2372	88-2346		
		Two	33%	33%	2-4	93-2204			62" total accessible length examined
						93-2237			
						93-2239			
		Three	34%	34%	2-4	95-2349			Total accessible length outside shroud examined.
						95-2351			*Seperate Report
						95-2353			by Westinghouse
B 1.30	01 Reactor Vessel	One	50%	50%	1-14	*			examined 0°-180°
B 1.40	02 Closure Head	One	33%	33%	2-1	88-2371	88-2346		examined 0°-16°
						88-2374	88-2346		
						88-2376	88-2346		
		Two	33%	33%	2-1	93-2203	93-2200		examined 15'-32'
						93-2205	93-2214		
						93-2238			
		Three	33%	33%	2-1	95-2348	95-2212		Examined 31'-0°-1°
						95-2350			
						95-2352			
B 2.11 & B2.12	05 PZR	One	33%	33%	5-2	88-2362	88-2343		examined 1'5"-14'
						88-2358	88-2343		
						88-2366	88-2343		
		Two	33%	33%	5-2	93-2240	93-2222		examined 14' thru 0'to 2'
						93-2365	93-2222		
						93-2285	93-2222		
		One	33%	33%	5-8	88-2364	88-2343		examined 1'5"-11'8"
						88-2361	88-2343		
						88-2360	88-2343		
		Two	33%	33%	5-8	93-2466			
						93-2467			
						93-2470			
						93-2471			
						93-2472			
						93-2473			

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
B 2.31	03 SG 1	One	1	1	5-6	93-2415			Long Seam of 5-8 72" total length examined
						93-2419			
						93-2424			
						93-2465			
						93-2468			
	04 SG 2	One	1	1	5-7	93-2469			Long Seam of 5-8 (only 11" of weld examined)
						93-2408			
						93-2416			
						93-2420			
						90-2395			
	03 SG 1	Two	1	1	3-5	90-2396			
						90-2397			
						93-2036			
						93-2039			
						93-2057			
	04 SG 2	One	1	1	4-2	90-2319			
						90-2320			
						90-2321			
						93-2045			
						93-2051			
B 2.32	03 SG 1	One	4	4	3-10	93-2066			
						90-2401			
						90-2402			
						90-2403			
						90-2404			
	04 SG 2	Two	2	2	3-11	90-2405			
						90-2406			
						90-2407			
						90-2408			
						90-2409			
	03 SG 1	Two	2	2	3-12	90-2410			
						90-2411			
						90-2412			
						93-2028			
						93-2031			
	04 SG 2	Two	4	4	3-13	93-2035			
						93-2029			
						93-2032			
						93-2034			
						93-2047			
	03 SG 1	Two	4	4	4-10	93-2062			
						93-2068			
						93-2048			
						93-2063			
						93-2069			
	04 SG 2	Two	4	4	4-11	93-2049			
						93-2064			
						93-2070			
						93-2050			
						93-2065			
	03 SG 1	Two	4	4	4-12	93-2071			
	04 SG 2	Two	4	4	4-13				



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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	03 SG 1	One	1	1	3-6	90-2398 90-2399 90-2400			
	04 SG 2	Two	1	1	4-6	93-2046 93-2061 93-2067			
B 3.90 & B3.100	01 Reactor Vessel	One	2	2	1-15 1-18	*			*Seperate Report by Westinghouse
B 3.110	05 PZR	One	2	2	5-11	88-2359 88-2365 88-2363 88-2353 88-2356 88-2354	88-2343		
		Two	2	2	5-10	93-2406 93-2413 93-2417 93-2407 93-2414 93-2418			
					5-13	93-2407 93-2414 93-2418			
B 3.120	05 PZR	One	2	2	5-11 5-9	88-2355 88-2357			Inner Radius Inner Radius
		Two	2	2	5-10	93-2421 93-2422			Inner Radius Inner Radius
		Three	2	1	5-10	93-2423 95-2456 95-2457			Inner Radius Nozzle Bore Nozzle Bore
B 3.130	03 SG 1	One	1	1	3-9	90-2353 90-2354 90-2355			
		Two	1	1	3-7	93-2027 93-2030 93-2033			
	04 SG 2	One	1	1	4-9	90-2334 90-2335 90-2336			
		Two	1	1	4-7	93-2058 93-2059 93-2060			
B 3.140	03 SG 1	One	1	1	3-9	90-2356			Inner Radius
		Two	1	1	3-7	93-2044			Inner Radius
	04 SG 2	One	1	1	4-9	90-2337			Inner Radius
		Two	1	1	4-7	93-2043			Inner Radius
B 4.12	02 Closure Head	One	8	8	CEDM			90-2456	
		Two	8	8	CEDM			92-2001	
		Three	9	9	CEDM			95-2609	
B 4.13	01 Reactor Vessel	One	5	5	ICI			90-2456	
		Two	5	5	ICI			92-2001	
		Three	6	6	ICI			95-2609	
B 4.20	05 PZR	One	3	3	HTRS			90-2297	

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
B 5.40	20 PZR Surge 31 PZR Safety 29 PZR Spray	Two	3	3	HTRS			90-2456	
		Three	3	3	HTRS			92-2001	
		One	2	2	5-34	88-2367	88-2352	95-2609	
					5-29	88-2316	88-2309		
		Two	2*	2*	5-33	93-2403	93-2400	93-2312	
B 5.130	31 PZR Safety					93-2405			
						93-2632			
		Two	2*	2*	5-31	93-2223	93-2199		RT Supplemental *Required between 2 zones
						93-2438			
		One	1	1	6-11	90-2376	90-2366		
B 5.140	23 Safety Injection 1A 22 SD Cooling 2	One	1	1	9-10	90-2448	90-2452		
		Two	1	1	7-9	93-2281	93-2129		
						93-2282			
						93-2283			
		Three	1	1	11-10	95-2041	95-2023		
B 6.10	25 Safety Injection 2A	Two	1	1	13-10	93-2158	93-2128		
						93-2162			
		Three	1	1	15-9	95-2135	95-2002		
		One	1	1	9-11	90-2380	90-2367		
		Two	1	1	11-11		93-2600		
B 6.30	26 SI 2B						93-2600		
		Three	0	0	11-11		95-2518		Reexam
		One	1	1	8-18		88-2312		
		Two	1	1	10-18		91-2348		
		Three	1	1	12-18		95-2370		
B 6.50	37 Charging Line	Two	1	1	13-11	93-2631	93-2012		RT Supplemental
		One	9	9	35-43		90-2433		
		Two	27	27	44-54, 1-17		91-2488		
							91-2489		
		Three	18	18	35-52, 54		95-2182		
B 6.180	02 Closure Head Studs	One	9	9	34-42	90-2431	90-2432		
		Two	27	27	44-54, 1-17	91-2471	91-2479		
							91-2480		
							91-2481		
		Three	18	18	7,25,38-45	95-2347	95-2251		Two studs were marked as #52
B 6.50	02 Closure Head Washers				47-52,52,35				
		One	9	9	35-43			90-2434	
		Two	27	27	44-54, 1-17			91-2483	
		Three	18	18	35-52, 54			95-2183	
		One	5	5	1-16	88-2386	88-2382	88-2384	
B 6.180	16 RCP 1A Flange Studs							90-2292	
								90-2296	
		Two	5	5	1-16	93-2287		93-2303	
		One	5	5	1-16	88-2387	88-2383	88-2385	
								90-2292	
B 6.180	17 RCP 1B Flange Studs							90-2296	
		Two	5	5	1-16	93-2286		93-2304	

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
B 6.190 B 6.200	18 RCP 2A Flange Studs	One	5	5	1-16	88-2393	88-2391	88-2389 90-2292 90-2296	RCP 2A RCP 1B
	19 RCP 2B Flange Studs	Two	5	5	1-16	93-2288		93-2302	
		One	5	5	1-16	88-2394	88-2392	88-2390 90-2292 90-2296	
	18 RCP Flange 17	Two	5	5	1-16	93-2289		93-2301	
		One	1	1				88-2406 90-2238	
	16 RCP 1A Nuts & Rings	One	5	5	1-16			88-2413	
	17 RCP 1B Nuts & Rings	One	5	5	1-16			88-2414	
	18 RCP 2A Nuts & Rings	One	5	5	1-16			88-2415	
	19 RCP 2B Nuts & Rings	One	5	5	1-16			88-2416	
	16 RCP 1A Nuts & Rings	Two	5	5	1-16			93-2303	
	17 RCP 1B Nuts & Rings	Two	5	5	1-16			93-2304	
	18 RCP 2A Nuts & Rings	Two	5	5	1-16			93-2302	
	19 RCP 2B Nuts & Rings	Two	5	5	1-16			93-2301	
	B 7.20 05 PZR (studs & nuts)	One	20	20	20 1 Stud		88-2410	88-2409 88-2412	
		Two	20	20	20 19			91-2491	
							93-2166	93-2165	
					1 Stud 20 Nuts			93-2548 93-2669	
		Three	20	20	20 20 20			94-2001 94-2028 95-2400	
B 7.30	03 SG 1 (studs & nuts)	One	40	40	40 5 Studs		88-2388	88-2405 88-2411	IEB 82-02 (surface) PSE
					20 20			90-2298 90-2362	
		Two	40	40	40 40			91-2469	IEB 82-02 (surface)
		Three	40	40	40 40 40		93-2253	93-2207 94-2002 94-2027	
					3			95-2106	Reject 1 stud PSE
					40			95-2402	
	04 SG 2 (studs & nuts)	One	40	40	40		88-2388	88-2405	Reject 1 stud IEB 82-02 (surface) PSE
					1 Stud 20			88-2411 90-2299	

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
B 7.50	31 PZR (studs & nuts)	Two	40	40	20			90-2322	
					40			91-2484	
		Three	40	40	1 Stud			91-2504	PSE
					40		93-2254	93-2206	IEB 82-02 (surface)
					40			94-2002	
					40			94-2026	
		One	1	1	40			95-2107	
					PSV200			88-2220	
		Two	1	1				88-2396	PSE
							90-2333	90-2332	PSE
					PSV201			88-2396	PSE
							90-2333	90-2332	PSE
					PSV202			88-2396	PSE
							90-2333	90-2332	PSE
					PSV203			88-2396	PSE
							90-2333	90-2332	
		Three	2	2	PSV200			91-2506	
					PSV201			91-2506	
					PSV202			91-2506	
					PSV203			91-2506	
					PSV200			93-2164	
					PSV201			93-2164	reject 1 nut
								93-2377	PSE
					PSV202			93-2164	
					PSV203			93-2164	
		One	1	1	PSV200		95-2264	95-2263	IEB 82-02(surface)
					PSV201		95-2264	95-2263	IEB 82-02(surface)
					PSV202		95-2264	95-2263	IEB 82-02(surface)
					PSV203		95-2264	95-2263	IEB 82-02(surface)
	37 Charging Line Flange	One	1	1	V435			88-2326	
B 7.60	16 RCP 1A Seal Hous.	One	5	5	1-16			88-2417	
		Two	5	5	1-16			91-2266	
		Three	6	6	1-16			95-2330	
	17 RCP 1B Seal Hous.	One	5	5	1-16			88-2418	
		Two	5	5	1-16			91-2266	
		Three	6	6	1-16			95-2331	
	18 RCP 2A Seal Hous.	One	5	5	1-16			88-2419	
		Two	5	5	1-16			91-2266	
		Three	6	6	1-16			95-2332	
	19 RCP 2B Seal Hous.	One	5	5	1-16			88-2420	
		Two	5	5	1-16			91-2266	
		Three	6	6	1-16			95-2333	
B 7.70	21 SD Cooling Loop 1	One	1	1	V653			88-2201	
	22 SD Cooling Loop 2	One	1	1	V654			90-2252	
	23 Safety Injection 1A	Two	1	1	V652			93-2107	
		One	1	1	V237			90-2443	
	24 Safety Injection 1B	Two	2	2	V235			93-2634	
					V634			93-2037	
		One	1	1	V543			88-2165	
		Two	2	2	V245			93-2010	

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
					V644			93-2010	
	25 Safety Injection 2A	One	1	1	V540			88-2401	
		Two	1	1	V217			93-2543	
	26 Safety Injection 2B	One	1	1	V225			88-2169	
		Two	2	2	V541			93-2011	
					V624			93-2011	
	27 PZR Spray 1A	Two	1	1	V100E			93-2412	
	28 PZR Spray 1B	One	2	2	V241			88-2210	
					V242			88-2210	
		Two	1	1	V100F			93-2313	
	31 PZR Safeties	One	1	1	PSV200			88-2220	
		Two	1	1	PSV202			91-2525	
		Three	2	2	PSV200			95-2401	
					PSV201			95-2401	
					PSV202			95-2401	
					PSV203			95-2401	
	32 Drain Line 1A	One	2	2	V234			88-2328	
					V334			88-2328	
	33 Drain Line 1B	Two	2	2	V235			91-2335	
					V335			91-2335	
	34 Drain Line 2A	Two	2	2	V233			91-2334	
					V333			91-2346	
	35 Drain Line 2B	Three	2	2	V232			95-2110	
					V332			95-2146	
	37 Charging Line	One	1	1	V240			88-2221	
	38 Loop 1 Drain	One	1	1	V215			90-2369	
		Three	1	1	V216			95-2404	
	39 HPSI 1	One	1	1	V523			90-2287	
		Two	1	1	V522			91-2262	
					V957			92-2002	
	40 HPSI 2	Two	1	1	V532			91-2401	
		Three	2	2	V533			95-2072	Reject
								95-2214	Re-exam
					V958			95-2071	
B 7.80	02 Closure Head	One	1	1	CEDM 92			90-2150	
					CEDM 96			90-2150	
B 8.20	05 PZR	One	33%	33%	5-1	90-2293	88-2343		examined 2'-16'
						90-2294			
						90-2295			
		Two	33%	33%	5-1	93-2294	93-2222		examined 14' thru
						93-2295			0' to 2' (surface)
						93-2296			examined 360°
						93-2333			(volumetric)
						93-2334			use as is per
						93-2354			MNCR 93-RC-2027
		Three	34%	34%	5-1	95-2255	95-2449		Examined 360°
						95-2319			reject- Same as
						95-2320			previously found
B 8.30	03 SG 1	One	33%	33%	3-1	90-2357			examined 360°
						90-2351			
						90-2352			

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
B 9.11 &B9.12	04 SG 2	Three	34%	34%	3-1	95-2256	95-2519		Examined 240° thru 270° thru 360°
						95-2257			
						95-2342			
	06 RCS Piping	Two	33%	33%	4-1	93-2040	93-2013		examined 120° thru 240°
						93-2041			
						93-2042			
		One	7	7	17-2	90-2441	90-2379		
					1-30	90-2438	90-2436		
					1-27	90-2437	90-2435		
					3-30	90-2361	90-2363		
					4-30	90-2345	90-2328		
					6-7	90-2439	90-2435		
					7-7	90-2440	90-2436		
		Two	6	6	16-1	93-2086	93-2078		
						93-2150			
						93-2155			
					9-1	93-2149	93-2077		
						93-2152			
						93-2154			
					17-1	93-2085	93-2075		
						93-2151			
						93-2156			
					11-1	93-2087	93-2076		
						93-2153			
						93-2157			
					18-1	93-2142	93-2075		
						93-2145			
						93-2183			
					13-1	93-2144	93-2076		
						93-2147			
						93-2184			
					19-1	93-2143	93-2054		
						93-2146			
						93-2182			
					15-1	93-2148	93-2055		
						93-2163			
						93-2185			
					3-28	93-2178	93-2276		Reject (surf)
						93-2179			
						93-2195			
							93-2461		Re-exam
					6-1	93-2193	93-2399		
						93-2194			
						93-2196			
					4-28	93-2137	93-2056		
						93-2233			
						93-2256			
					7-1	93-2138	93-2052		
						93-2232	93-2053		
						93-2257			
		Three	9	0	3-28		95-2520		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
B 9.21 &B9.22	20 PZR Surge	One	1	1	20-1	88-2368	88-2352		
	21 SD Cooling 1	One	2	2	21-18	90-2377	90-2366		
					21-20	90-2378	90-2366		
		Two	2	2	21-14	91-2349	91-2340		
					21-15	91-2350	91-2339		
		Three	2	2	21-3	95-2065	95-2073		
					21-4	95-2066	95-2073		
	22 SD Cooling 2	One	2	2	22-11	90-2257	90-2253		
					22-14	90-2258	90-2256		
					22-23		90-2253		UT inaccess (added weld 22-14 to program)
		Two	2	2	22-17	91-2386	91-2374		
					22-1	93-2280	93-2130		
		Three	3	3	22-4	95-2186	95-2413		
					22-5	95-2184	95-2154		
					22-6	95-2185	95-2154		
	23 Safety Injection 1A	One	3	3	23-1	90-2449	90-2452		
					23-2	90-2450	90-2452		
					23-4	90-2451	90-2452		
		Three	2	2	23-22	95-2517	95-2516		
					23-26	95-2346	95-2226		
	24 Safety Injection 1B	Two	3	3	24-14	91-2306	91-2264		
					24-16	91-2307	91-2265		
					24-19	91-2308	91-2252		
		Three	2	2	24-1	95-2138	95-2023		
					24-2	95-2513	95-2023		
	25 Safety Injection 2A	One	2	2	25-26	88-2298	88-2267		
					25-29	88-2299	88-2268		
		Two	3	3	25-1	93-2159	93-2131		
						93-2202			
					25-4	93-2160	93-2131		
					25-6	93-2161	93-2131		
	26 Safety Injection 2B	One	2	2	26-9	88-2293	88-2259		
					26-11	88-2292	88-2259		
		Two	1	1	26-17	91-2403	91-2380		
		Three	2	2	26-1	95-2136	95-2002		
					26-2	95-2137	95-2002		
	29 Combined PZR Spray	One	2	2	29-10	88-2318	88-2315		
					29-11	88-2319	88-2377		
						90-2241	90-2239		
		Two	1	1	29-1	93-2404	93-2400		
	31 PZR Safeties	One	1	1	31-1	88-2317	88-2309		
		Two	2	2	31-9	93-2221	93-2198		
					31-10	93-2220	93-2198		
	36 Letdown	Two	1	1	36-75	93-2441	93-2426		
	27 PZR Spray 1A	One	3	3	27-42		90-2367		
					27-43		90-2367		
					27-44		90-2367		
		Two	3	3	27-8		93-2305		
					27-10		93-2305		

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
28 PZR Spray 1B	One	4	4	27-16			93-2305		
				28-31			88-2342		
				28-32			88-2342		
				28-39			88-2341		
				28-40			88-2341		
	Two	3	3	28-9			93-2306		
				28-11			93-2306		
				28-20			93-2306		
				30-1	90-2242	90-2240			Vol/IEB 88-08 PIPE ALSO Vol/IEB 88-08 PIPE ALSO
				30-2	90-2242	90-2240			
30 Aux PZR Spray	One	2	2	30-1	90-2242	90-2240			
				30-2	90-2242	90-2240			
				30-7			88-2310		
				30-13			88-2310		
				30-1			91-2360		
	Two	2	2	30-2			91-2360		
				30-7			91-2359		
				30-13			91-2359		
				30-5			93-2215		
				30-6			93-2215		
32 Drain Line 1A	One	2	2	32-1			88-2313		
				32-2			88-2314		
33 Drain Line 1B	Two	2	2	33-1			91-2348		
				33-5			91-2347		
34 Drain Line 2A	Three	2	2	34-1			95-2370		
				34-2			95-2370		
35 Drain Line 2B	Three	2	2	35-4			95-2153		
				35-5			95-2153		
36 Letdown	One	4	4	36-8			88-2348		
				36-9			88-2348		
				36-28			88-2350		
				36-35			88-2350		
				36-25			93-2426		
	Two	6	6	36-26			93-2426		
				36-43			93-2426		
				36-44			93-2426		
				36-45			93-2426		
				36-80			93-2426		
37 Charging	One	5	5	37-41			88-2324		
				37-42			88-2324		
				37-43			88-2324		
				37-45			88-2325		
				37-47			88-2325		
	Two	6	6	37-28			93-2106		
				37-29			93-2106		
				37-30			93-2106		
							93-2352		Reject
							93-2012		Re-exam
				37-32			93-2012		
				37-33			93-2012		
				37-34			93-2012		
	Three	6	0	37-30			95-2343		Re-exam

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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
	38 Drain Loop 1	Two	1	1	38-1		93-2211		
					38-2		93-2366		
					38-3		93-2366		
	39 HPSI Loop 1	One	2	2	39-1		88-2291		
					39-5		88-2291		
		Two	3	3	39-12		91-2253		
					39-13		91-2253		
					39-24		91-2263		
		Three	4	4	39-25		95-2078		
					39-28		95-2078		
					39-29		95-2078		
					39-33A		95-2077		
	40 HPSI Loop 2	One	3	3	40-1		90-2254		
					40-2		90-2254		
					40-3		90-2254		
		Two	2	2	40-6		91-2402		
					40-7		91-2402		
		Three	2	2	40-21		95-2075		
					40-23		95-2074		
B 9.31	06 RCS Piping	One	1	1	9-8	90-2447	90-2446		
		Two	1	1	13-8	93-2139	93-2075		
						93-2140			
						93-2197			
B 9.32	06 RCS Piping	One	1	1	8-17		88-2312		
		Two	1	1	13-9		93-2075		
	22 SD Cooling 2	One	1	1	22-7A		90-2253		
	36 Letdown	Two	2	2	36-41		93-2426		
					36-76		93-2426		
B 9.40	32 Drain Line 1A	One	1	1	32-6		88-2314		
	33 Drain Line 1B	Two	1	1	33-6		91-2347		
					33-8		91-2361		
					33-9		91-2341		
	34 Drain Line 2A	Two	1	1	34-6		91-2329		
					34-8		91-2329		
					34-9		91-2329		
	35 Drain Line 2B	Three	1	1	35-6		95-2153		
	38 Drain Line Loop 1	One	1	1	38-5		90-2370		
B 10.10	22 SD Cooling	Two	1	1	SI-193-H23		91-2377		
	24 SI 1B	Three	1	1	SI-223-H006		N/A		Hanger voided - Snub. Reduction
	25 SI 2A	Three	1	1	SI-160-H005		95-2254		
	26 Safety Injection 2B	One	1	1	SI-179-H10		88-2266		
	36 Letdown	One	1	1	RC-91-H5		88-2345		
		Two	1	1	RC-91-H6		93-2440		
B 12.20	16 RCP Casing	One	1	1	RCP 2A			88-2395	
	17 RCP Casing	One	0		RCP 1B			90-2238	
B 13.10	01 Reactor Vessel	One	100%	100%	Acc Areas			88-2407	
								88-2408	
		Two	100%	100%	Acc Areas			91-2531	
		Three	34%	34%	Acc Areas			95-2381	Remote w/camera

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
B 14.10	02 Closure Head	One	2	2	9-76	88-2398			
					9-83	88-2397			
		Two	2	2	9-78	93-2459			
					9-88	93-2453			
		Three	3	3	9-72	95-2406			
					9-80	95-2408			
					9-89	95-2407			
		One	2	2	10-76	88-2400			
					10-83	88-2399			
		Two	2	2	10-78	93-2455			
					10-88	93-2454			
		Three	3	3	10-72	95-2415			
					10-80	95-2414			
					10-89	95-2416			
B15.10	1,2 Reactor Vessel	One	All	All	Press Bound			*	
		Two	All	All	Press Bound			92-2001	
								93-2672	
		Three	All	All	Press. Bound.			94-2031	
B15.20	5 PZR							95-2609	
		One	All	All	Press Bound			*	
		Two	All	All	Press Bound			92-2001	
								93-2672	
B15.30	3 SG 1	Three	All	All	Press. Bound.			94-2031	
								95-2609	
		One	All	All	Press Bound			*	*88-2424
		Two	All	All	Press Bound			92-2001	90-2001 AND
	4 SG 2							93-2672	90-2456
		Three	All	All	Press. Bound.			94-2031	
								95-2609	
		One	All	All	Press Bound			*	
	All RCS Piping	Two	All	All	Press Bound			92-2001	
								93-2672	
		Three	All	All	Press. Bound.			94-2031	
								95-2609	
B15.50	16 RCP 1A	One	All	All	Class 1			*	
		Two	All	All	Class 1			92-2001	
								93-2672	
		Three	All	All	Press. Bound.			94-2031	
	17 RCP 1B							95-2609	
		One	All	All	Press Bound			*	
		Two	All	All	Press Bound			92-2001	
								93-2672	
		Three	All	All	Press. Bound.			94-2031	
								95-2609	

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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 15.70	18 RCP 2A	One	All	All	Press Bound			*				
		Two	All	All	Press Bound			92-2001 93-2672				
		Three	All	All	Press. Bound.			94-2031 95-2609				
	19 RCP 2B	One	All	All	Press Bound			*				
		Two	All	All	Press Bound			92-2001 93-2672				
		Three	All	All	Press. Bound.			94-2031 95-2609				
	ALL RCS Valves	One	All	All	Class 1			*				
		Two	All	All	Class 1			92-2001 93-2672				
		Three	All	All	Press. Bound.			94-2031 95-2609				
	BFLYWH	16 RCP 1A Flywheel	One	1	1		89-1001** 89-1002**		**FLYWHEELS MOVED FROM UNIT 1 DURING THIS OUTAGE			
		17 RCP 1B Flywheel	One	1	1		89-1005** 89-1006**					
		18 RCP 2A Flywheel	One	1	1		89-1007** 89-1008**					
19 RCP 2B Flywheel		One	1	1		89-1003** 89-1004**						
16 RCP 1A Flywheel		Two	1	1		93-2392 93-2396						
17 RCP 1B Flywheel		Two	1	1		93-2391 93-2395						
18 RCP 2A Flywheel		Two	1	1		93-2389 93-2393						
19 RCP 2B Flywheel		Two	1	1		93-2390 93-2394						
BIWF	3 SG 1	One	1	1	3-40			88-2421				
		Two	1	1	4-40			93-2410				
	16 RCP 1A	One	2	2	16-17			88-2333				
					16-18			88-2334				
					Two	4	4	16-12			91-2267	
					16-13					91-2267		
					16-14					91-2267		
					16-15					91-2267		
		Three	4	4	16-19					95-2337		
		16-20							95-2337			
		16-21					95-2525					
		16-22					95-2525					
		17 RCP 1B			One	2	2	17-17			88-2340	
								17-18			88-2339	
			Two	4				4	17-12			91-2268
			17-13				91-2268					
	17-14					91-2268						
	17-15					91-2268						
	Three		4	4	17-19			95-2338				
		17-20					95-2338					

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
18 RCP 2A	One	4	4		17-21			95-2526	
					17-22			95-2526	
					18-12			88-2332	
					18-13			88-2332	
					18-14			88-2332	
	Two	2	2		18-15			88-2332	
					18-17			91-2272	
					18-18			91-2272	
	Three	4	4		18-19			95-2335	
					18-20			95-2335	
					18-21			95-2527	
19 RCP 2B	One	4	4		18-22			95-2527	
					19-12			88-2338	
					19-13			88-2338	
					19-14			88-2338	
					19-15			88-2338	
	Two	2	2		19-17			91-2273	
					19-18			91-2273	
					19-19			95-2336	
	Three	4	4		19-20			95-2336	
					19-21			95-2528	
					19-22			95-2528	
20 PZR Surge	One	2	2		RC-28-H1			88-2336	
								89-2004	
					RC-28-H2			88-2337	
								89-2005	
					RC-28-H3			89-2006	IEB 88-11
					RC-28-H4			89-2007	
					RC-28-H842			89-2001	IEB 88-11
					RC-28-H843			89-2002	IEB 88-11
					RC-28-H844			89-2003	IEB 88-11
					RC-28-H842			91-2270	
	Two	2	2		RC-28-H843			91-2269	
					RC-28-H844			91-2271	
					RC-28-H003			95-2334	
					RC-28-H004			95-2341	
					RC-28-H843			95-2429	
21 SD Cooling 1	One	7	7		RC-51-H1			90-2364	
					RC-51-H2			90-2453	
					RC-51-H3			90-2290	
					RC-51-H821			90-2365	
					SI-240-H10			88-2162	
					SI-240-H11			88-2163	
					SI-240-H13			88-2164	
					RC-51-H4			91-2274	
					RC-51-H5			91-2275	
					SI-240-H2			91-2277	
	Two	7	7		SI-240-H12			91-2276	
					SI-240-H822			91-2282	
					SI-240-H823			91-2284	
					SI-240-H824			91-2283	

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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
22 SD Cooling 2	Three	8	8		SI-240-H1			95-2063	
					SI-240-H3			95-2064	
					SI-240-H4			95-2053	
					SI-240-H5			95-2112	
					SI-240-H6			95-2166	
					SI-240-H7			95-2076	
					SI-240-H8			95-2111	
					SI-240-H9			95-2308	
					RC-68-H5			90-2259	
	One	4	4		RC-68-H6			90-2260	
					SI-193-H17			90-2261	
					SI-193-H19			90-2262	
					SI-193-H8			91-2375	
					SI-193-H9			91-2362	
					SI-193-H20			91-2366	
					SI-193-H23			91-2363	
					SI-193-H25			91-2364	
								93-2628	PSE
	Two	5	5		RC-068-H1			95-2167	
					RC-068-H2			95-2168	Snub. Reduction
					RC-068-H3			95-2322	PSE-Snub. Reduct.
					RC-068-H4			95-2147	
					SI-193-H9			95-2243	PSE-Snub. Reduct.
					SI-193-H23			95-2242	PSE-Snub. Reduct.
					SI-207-H3			90-2444	
					SI-207-H5			90-2445	
					SI-207-H3			91-2530	PSE-SNUB. REDUC.
23 Safety Injection 1A	One	2	2		SI-207-H7			93-2117	
					SI-207-H11			93-2368	
	Two	2	2		SI-207-H1			95-2125	
					SI-207-H2			95-2113	Snub. Reduction
	One	2	2		SI-223-H3			88-2166	
					SI-223-H4			88-2380	
					SI-223-H1			91-2285	
					SI-223-H1			91-2511	PSE-SNUB. REDUC.
					SI-223-H2			91-2286	
					SI-223-H5			95-2015	Snub. Reduction
24 Safety Injection 1B	Two	2	2		SI-223-H6			95-2018	Hanger voided
					SI-223-H7			95-2014	Snub. Reduction
					SI-223-H8			95-2016	
	Three	4	4		SI-156-H7			88-2402	
					SI-156-H9			88-2168	
					SI-160-H1			93-2089	
	One	2	2		SI-160-H2			93-2090	DCN-REMOVED
					SI-160-H3			93-2091	DCN-REMOVED
					SI-160-H5			95-2463	Snub. Reduction
					SI-179-H9			88-2170	
25 Safety Injection 2A	Two	3	3		SI-179-H10			88-2171	
					SI-179-H11			88-2172	
26 Safety Injection 2B	Three	2	1						
26 Safety Injection 2B	One	3	3						

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
27 PZR Spray 1A		Two	3	3	SI-175-H21			91-2281	PSE-SNUB. REDUC.
								91-2512	
					SI-175-H22			91-2287	
					SI-175-H23			91-2288	
		Three	3	2	SI-179-H7			95-2022	Snub. Reduction
					SI-179-H8			95-2017	
		One	9	9	RC-62-H26			90-2455	
					RC-62-H27			88-2202	
					RC-62-H28			88-2203	
					RC-62-H29			88-2204	
					RC-62-H30			88-2205	
					RC-62-H31			88-2206	
					RC-62-H32			88-2207	
					RC-62-H33			88-2208	
					RC-62-H34			88-2209	
		Two	9	9	RC-16-H5			93-2118	
					RC-16-H6			93-2020	
					RC-16-H7			93-2021	
					RC-16-H8			93-2105	
					RC-16-H15			93-2353	
								93-2662	
								93-2038	
								93-2017	
								93-2018	
								93-2019	
								93-2452	
								93-2653	
								93-2376	
								93-2374	
								93-2375	
								93-2439	
								93-2655	
								93-2432	
								93-2429	
								93-2654	
								93-2435	
								93-2433	
								93-2434	
								93-2666	
								93-2665	
								93-2664	
								93-2428	
								93-2430	
								93-2431	
								93-2436	
								93-2437	
28 PZR Spray 1B		One	8	8	RC-17-H24			88-2335	
					RC-17-H34			88-2211	
					RC-17-H36			88-2212	
					RC-17-H38			88-2213	
					RC-17-H39			88-2214	

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
					RC-17-H40			88-2215	
					RC-17-H41			88-2216	
					RC-17-H42			88-2217	
		Two	8	8	RC-17-H39			93-2618	PSE
					RC-17-H41			93-2619	PSE
					RC-17-H43			93-2022	
					RC-17-H44			93-2023	
					RC-17-H45			93-2024	
					RC-17-H46			93-2025	
					RC-18-H9			93-2114	
					RC-18-H10			93-2115	
					RC-18-H11			93-2314	Reject
								93-2633	Re-exam
					RC-18-H12			93-2116	
		Three	11	0	RC-018-H11			95-2531	Re-exam
29 PZR Combined Spray		One	2	2	RC-18-H16			88-2218	
					RC-18-H18			88-2219	
		Two	1	1	RC-18-H17			93-2026	
					RC-18-H18			93-2656	PSE
30 Aux PZR Spray		Three	2	2	CH-521-HA			95-2249	
					CH-521-HB			95-2250	
32 Drain 1A		One	2	2	RC-60-HA			88-2256	
					RC-60-HB			88-2173	
33 Drain 1B		Two	2	2	RC-58-HA			91-2343	
					RC-58-HB			91-2345	
34 Drain 2A		Two	2	2	RC-96-HA			91-2344	
					RC-96-HB			91-2342	
35 Drain 2B		Three	2	2	RC-089-HE			95-2145	
					RC-089-HF			95-2172	Snub. Reduction
36 Letdown		One	9	9	RC-91-H1			88-2351	
					RC-91-H5			88-2344	
					RC-91-HAA			88-2179	
					RC-91-HAK			88-2180	
					RC-91-HB			88-2174	
					RC-91-HD			88-2175	
					RC-91-HE			88-2176	
					RC-91-HY			88-2177	
					RC-91-HZ			88-2178	
		Two	10	10	RC-91-H2			93-2445	
					RC-91-H6			93-2444	
					RC-91-HAJ			93-2447	
					RC-91-HAP			93-2446	
					RC-91-HAQ			93-2443	
					RC-91-HP			93-2448	
					RC-91-HQ			93-2442	
					RC-91-HR			93-2650	
					RC-91-HS			93-2651	
					RC-91-HT			93-2652	
37 Charging		One	14	14	CH-5-H2			88-2222	
								90-2368	PSE
					CH-5-H3			90-2223	

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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-H10			88-2224	PSE
					CH-5-H25			88-2225	
					CH-5-H26			88-2226	
					CH-5-H27			88-2227	
					CH-5-H28			88-2228	
					CH-5-H30			88-2229	
					CH-5-H34			88-2230	
					CH-5-H35			88-2231	
					CH-5-H36			88-2232	
					CH-5-H42			88-2233	
					CH-5-H43			88-2234	
					CH-5-H44			88-2235	
					CH-5-HAA			88-2236	
		Two	14	14	CH-5-H9			93-2598	
					CH-5-H13			93-2093	
					CH-5-H16			93-2095	DCN-REMOVED
					CH-5-H17			93-2097	
					CH-5-H18			93-2096	
					CH-5-H19			93-2098	
					CH-5-H20			93-2099	
								93-2620	PSE
					CH-5-H21			93-2101	
					CH-5-H22			93-2100	
					CH-5-H23			93-2103	DCN-REMOVED
					CH-5-H24			93-2102	DCN-REMOVED
					CH-5-H32			93-2279	use as is MNCR 93-CH-2016
					CH-5-H37			93-2092	
					CH-5-H38			93-2576	PSE
					CH-5-H45			93-2094	DCN-REMOVED
					CH-5-H46			93-2104	DCN-REMOVED
38 Drain Line Loop 1		Two	0		RC-70-HA			93-2657	PSE
39 HPSI 1		One	4	4	SI-248-H19			88-2403	PSE
					SI-248-H26			88-2181	
					SI-248-H27			88-2182	
					SI-248-H28			88-2183	
					SI-248-H30			88-2184	
		Two	5	5	SI-248-H17			91-2328	
					SI-248-H18			91-2280	
					SI-248-H19			91-2279	
					SI-248-H20			91-2278	
					SI-248-H29			91-2327	
		Three	5	5	SI-248-H21			95-2144	
					SI-248-H22			95-2083	
					SI-248-H23			95-2082	
					SI-248-H24			95-2080	
					SI-248-H25			95-2081	
40 HPSI 2		One	3	3	SI-199-H13			90-2263	
					SI-199-H14			90-2264	
					SI-199-H21			90-2265	
		Two	4	4	SI-199-H15			91-2369	

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
C 1.10	41 SG 1	Three	2	2	SI-199-H16			91-2368	Re-exam
					SI-199-H17			91-2367	
								91-2513	
					SI-199-H18			91-2365	
					SI-199-H17			95-2241	
		One	1	1	SI-199-H22			95-2085	PSE-Snub. Reduct.
					SI-199-H23			95-2086	
					41-3	90-2416			
						90-2417			
						90-2418			
					41-4	90-2419			
						90-2420			
						90-2421			
		One	1	1	68-7	90-2372			
		Two	1	1	68-5	93-2458			
		One	50%	50%	69-1	88-2330			examined from 12:00
		Two	50%	50%	74-123	91-2218			examined from 12:00
C1.20	41 SG 1	Three	50%	50%	75-78	91-2226			thru 3:00 to 6:00
						91-2232			
						95-2043			Examined 180° thru
						95-2061			270° thru 360°
						95-2068			
C 1.30	41 SG 1	One	50%	50%	41-5	90-2422			examined 180°
		One	50%	50%	41-1	90-2423			thru 360°
						90-2424			
						90-2371			
						90-2413			examined 180°
						90-2414			thru 360°
		Two	*50%	*50%	41-1	90-2415			
						93-2601			*combination of two
						93-2604			welds to obtain 50%
						93-2607			coverage
						93-2079			
		Two	*50%	*50%	42-1	93-2080			
						93-2081			
						93-2456			
						93-2457			
						93-2457			
		One	50%	50%	69-2	88-2329			examined from 12:00
		Two	50%	50%	74-124	91-2219			thru 3:00 to 6:00
						91-2224			examined from 12:00
						91-2231			thru 3:00 to 6:00
						95-2044			Examined 180° thru
						95-2062			270° thru 360°
C 2.21 & C2.22	41 SG 1	One	1	1	41-16	95-2069			
						90-2373	90-2358		
						93-2602	93-2575		
						93-2605			
						93-2612			
		Two	2	2	41-9	93-2614			Inner radius

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
					41-10	93-2603	93-2575		
						93-2606			
						93-2613			
						93-2615			Inner radius
				41-15	93-2367	93-2327			Extra exam
					93-2359				
		Three	0	0	41-9	95-2140			Nozzle Bore
						95-2142			Nozzle Bore
				41-10	95-2141				Nozzle Bore
					95-2143				Nozzle Bore
	42 SG 2	One	1	1	42-16	90-2350	90-2331		
	84 SD Cooling 1	Two	1	1	74-122	91-2220	91-2204		
						91-2225			
						91-2233			
						91-2203			Inner radius
	87 SD Cooling 2	Three	1	1	75-76	95-2045	95-2070		90° & 270° limitation
						95-2060			90° & 270° limitation
						95-2067			90° & 270° limitation
						95-2258			Inner Radius
						95-2259			Inner Radius
C 3.10	41 SG 1	One	1	1	41-42		90-2381		
	42 SG 2	Two	1	1	42-42		93-2209		
							93-2216		
	68 Regen HT Exch	Two	1	1	68-10		93-2451		
C 3.20	43 MS SG 1-90	One	1	1	SG-36-H17		88-2287		
		Two	1	1	SG-36-H12		93-2132		
	44 MS SG 1-270	Two	3	3	SG-33-H14		93-2133		
					SG-33-H15		93-2133		
					SG-33-H16		93-2133		
	45 MS SG 2-270	One	3	3	SG-42-H14		88-2378		
					SG-42-H15		88-2378		
					SG-42-H16		88-2379		
		Two	1	1	SG-42-H12		93-2170		
	46 MS SG 2-90	Two	2	2	SG-45-H12		93-2299		
					SG-45-H13		93-2668		
	55 FW SG 2	One	1	1	SG-5-H9		90-2425		
	62 Aux & FW SG1	Two	1	1	AF-18-H1		93-2425		
	64 Blowdown SG 1	One	3	3	SG-39-H15		90-2288		
					SG-39-H17		90-2288		
					SG-53-H1		90-2360		
		Two	1	1	SG-39-H1		93-2597		
	65 Blowdown SG 2	One	2	2	SG-48-H20		90-2289		
					SG-52-H1		90-2344		
		Two	3	3	SG-48-H20		91-2492		
					SG-48-H14		93-2329		
							93-2330		
					SG-48-H16		93-2411		
					SG-48-H26		93-2210		
	71 LPSI Discharge 1	One	1	1	SI-87-H11		88-2038		
	76 CS Suction 1	One	1	1	SI-9-H4		88-2005		
	77 CS Disch. 1	Three	1	1	SI-079-H7		95-2197		



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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	80 CS Disch. 2	Three	1	1	SI-119-H5		95-2033		
	82 SD Cooling 1	Three	1	1	SI-078-H4		95-2465		
	83 SD Cooling 1	Two	2	2	SI-87-H4		91-2176		
					SI-90-H1		91-2177		
		Three	2	2	SI-070-H1		95-2213		
					SI-070-H6		95-2211		
	86 SD Cooling 2	Three	2	2	SI-072-H1		95-2042		
					SI-072-H12		95-2228		
	88 SD Cooling 2	One	1	1	SI-72-H13		88-2065		
	89 LPSI Suction 2	One	1	1	SI-194-H14		88-2068		
	91 SD Cooling 1	One	4	4	SI-70-H9		88-2331		
					SI-70-H11		88-2153		
					SI-70-H12		88-2311		
					SI-70-H16		88-2153		
	92 LPSI Suction 1	One	1	1	SI-241-H21		88-2152		
		Two	2	2	SI-239-H1		91-2221		
					SI-241-H16		91-2237		
	93 CS Discharge 1	Two	1	1	SI-89-H13		91-2470		
	94 SD Cooling 1	Two	2	2	SI-70-H5		91-2016		
					SI-70-H8		91-2026		
	95 LPSI Suction 2	Three	1	1	SI-194-H6		95-2114		
	96 LPSI Header 1A	Three	1	1	SI-202-H17		95-2227		
	99 LPSI 2B	Two	1	1	SI-174-H13		91-2437		
	100 CSP-LPSI Suct. 1	One	1	1	SI-369-H1		88-2290		
		Two	1	1	84-5		91-2526		
	101 LPSI Suction B	Three	1	1	85-5		95-2329		
	72 LPSI Pump 1	One	2	2	72-3B		88-2036		
					72-3C		88-2036		
		Two	1	1	72-3A		91-2477		
	75 LPSI Pump 2	Two	1	1	73-3A		91-2495		
					73-3B		91-2495		
					73-3C		91-2498		
		Three	2	2	73-3A		95-2008		
					73-3B		95-2008		
					73-3C		95-2008		
	78 CS Pump 1	One	2	2	80-3B		88-2001		
					80-3C		88-2001		
		Two	1	1	80-3A		91-2493		
	81 CS Pump 2	Two	1	1	81-3A		91-2496		
					81-3B		91-2497		
					81-3C		91-2494		
		Three	2	2	81-3A		95-2012		
					81-3B		95-2012		
					81-3C		95-2012		
C 4.40	47 MS SG 1 270	One	20	20	UV170	88-2251			
	48 MS SG 1 90	One	20	20	UV180	88-2252			
	49 MS SG 2 270	Three	20	20	UV171	95-2385			
	50 MS SG 2 90	Three	20	20	UV181	95-2386			
	56 FW SG 1	Two	20	20	UV132	91-2302			
					UV174	91-2303			

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
C 5.11 & C5.12	57 FW SG 2	Three	20	20	UV137	95-2515			
			20	20	UV177	95-2514			
	58 Aux & FW SG 1	One	1	1	58-1	88-2370	88-2349		
		Two	2(5)	2(5)	58-12	91-2352	91-2332		
					58-13	91-2351	91-2332		
					58-16	91-2353	91-2336		
					58-16A	91-2354	91-2336		
					58-1	93-2360	93-2171		
					58-24	93-2073	93-2015		
					58-25	93-2072	93-2015		
	59 Aux & FW SG 2	One	1	1	59-1	88-2369	88-2347		
		Two	3(5)	3(5)	59-12	91-2356	91-2331		
					59-13	91-2355	91-2330		Reject
							91-2529		Re-exam
					59-16	91-2358	91-2337		
C 5.21 & 5.22					59-16A	91-2357	91-2337		
					59-1	93-2361	93-2172		
					59-18	93-2224	93-2002		
					59-24	93-2255	93-2002		
						93-2397			
					59-25	93-2074	93-2002		
		Three	3(5)	0	59-13		95-2403		Re-exam
	43 MS SG 1 90	One	3	3	43-1	88-2306	88-2287		
					43-2	88-2320	88-2287		
					43-22	88-2323	88-2287		
	44 MS SG 1 270	One	3	3	44-26	88-2307	88-2288		
					44-28	88-2308	88-2288		
					44-30	88-2304	88-2288		
		Two	1	1	44-5	93-2231	93-2133		
	45 MS SG 2 270	Two	2	2	45-1	93-2187	93-2136		
					45-2	93-2186	93-2135		
	46 MS SG 2 90	One	2	2	46-25	88-2321	88-2280		
					46-27	88-2322	88-2280		
		Two	2	2	46-1	93-2188	93-2134		
					46-2	93-2189	93-2174		Reject (surf)
							93-2351		Re-exam
							95-2397		Re-exam
	54 FW SG 1	Three	1	0	46-2		95-2397		
		One	5	5	54-25A	90-2384	90-2359		
					54-27	90-2385	90-2359		
					54-41	90-2245	90-2244		
					54-49	90-2246	90-2244		
					54-50	90-2247	90-2244		
		Two	7	7	41-44	93-2609	93-2599		
					54-1	93-2608	93-2574		
						93-2610			
					54-2		93-2577		
					54-9	93-2180	93-2084		
					54-10	93-2208	93-2084		
					54-11A	93-2141	93-2082		
					54-59	93-2275	93-2016		
					54-60	93-2274	93-2236		

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
	55 FW SG 2	One	5	5	42-44	90-2341	90-2330		
					42-43	90-2343	90-2330		
					55-11	90-2338	90-2330		
					55-12	90-2339	90-2329		
					55-15	90-2340	90-2330		
		Two	3	3	55-26	90-2342	90-2329		
					55-38	93-2190	93-2083		
					55-39	93-2191	93-2083		
					55-41	93-2192	93-2083		
					55-45	93-2409	93-2298		UT limited (added weld 55-45 to program)
	58 Aux & FW SG 1	Three	7	0	55-45		93-2460		Reject (surf)
					58-19	88-2297	88-2381		Re-exam
					58-20	88-2296	88-2289		Re-exam
					41-39	90-2392	90-2391		
					59-33	88-2295	88-2258		
	59 Aux & FW SG 2	One	2	2	59-34	88-2294	88-2258		
					59-16C	93-2227	93-2001		
						93-2226			
					59-20	93-2225	93-2001		
					62-24	88-2085	88-2056		
	62 Aux & FW SG 1	Two	2	2	62-4		93-2241		
					62-5	93-2290	93-2241		
					62-6	93-2291	93-2402		Reject (surf)
							93-2450		Re-exam
					62-6		95-2450		Re-exam
	63 Aux & FW SG 2	Three	3	0	63-4	88-2086	88-2057		
					63-22	93-2293	93-2234		
					63-23	93-2292	93-2234		
					64-30	90-2374	90-2360		
					64-29	90-2375	90-2360		
	64 Blowdown SG 1	Two	4	4	64-1	93-2357	93-2362		
					64-2	93-2358	93-2328		
					64-8	93-2355	93-2363		
					64-15	93-2356	93-2364		
					65-22	90-2346	90-2344		
	65 Blowdown SG 2	One	4	4	65-24	90-2347	90-2344		
					65-27	90-2348	90-2331		
					65-28	90-2349	90-2331		
					65-49	93-2228	93-2401		
					65-51	93-2229	93-2173		
		Two	3	3	65-52	93-2230	93-2173		
C 7.10	N/A Pressure Vessels	One	All	All	Press Bound			*	*91-2008, 91-2009,
		Two	All	All	Press Bound			**	91-2015, 91-2017,
C 7.30	N/A Piping	One	All	All	Press Bound			*	91-2025, 91-2028,
		Two	All	All	Press Bound			**	91-2038, 91-2040
C 7.50	N/A Pumps	One	All	All	Press Bound			*	91-2042, 91-2043
		Two	All	All	Press Bound			**	**94-2007,94-2012,
C 7.70	N/A Valves	One	All	All	Press Bound			*	94-2017, 94-2020,

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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 SG 1	Two	All	All	Press Bound			**	94-2024, 94-2035
		One	2	2	41-41			90-2429	
					41-42			90-2430	
	42 SG 2	Two	2	2	42-41			93-2311	Reject Re-exam Re-exam
					42-42			93-2310	
								93-2661	
	43 MS SG 1 90	Three	0	0	42-42			95-2339	Reject Re-exam Re-exam
		One	3	3	SG-36-H17			88-2281	
					SG-36-H884			88-2282	
					SG-36-H885			88-2283	Reject Re-exam
		Two	2	2	SG-36-H11			93-2462	
								93-2659	
					SG-36-H12			93-2120	PSE Reject (Extra exam) Re-exam/PSE
					SG-36-H13			93-2624	
								93-2578	
					SG-36-H14			93-2648	PSE Reject Re-exam
		Three	4	0	SG-036-H11			93-2623	
								95-2103	
								95-2587	PSE Reject Re-exam
		One	2	2	SG-33-H17			88-2237	
					SG-33-H18			88-2238	
	44 MS SG 1 270	Two	5	5	SG-33-H14			93-2369	PSE
								93-2647	
					SG-33-H15			93-2370	
								93-2630	PSE
					SG-33-H16			93-2371	
					SG-33-H881			93-2372	
					SG-33-H882			93-2373	PSE PSE
					SG-33-H13			93-2449	
								93-2671	
		One	3	3	SG-42-H12			88-2422	PSE
	45 MS SG 2 270				SG-42-H14			88-2266	Reject Re-exam
					SG-42-H15			88-2285	
					SG-42-H16			88-2284	
		Two	3	3	SG-42-H11			93-2463	Reject Re-exam
								93-2660	
					SG-42-H12			93-2175	
					SG-42-H13			93-2176	PSE Reject Re-exam
					SG-42-H15			93-2625	
		Three	3	0	SG042-H11			95-2104	
								95-2588	PSE Reject Re-exam
		One	2	2	SG-45-H17			88-2339	
	46 MS SG 2 90				SG-45-H18			88-2240	
		Two	5	5	SG-45-H11			93-2177	Reject PSE (stud & 2 nuts only) Re-exam/PSE
					SG-45-H12			93-2201	
					SG-45-H13			93-2169	
								93-2621	PSE PSE PSE
								93-2649	
					SG-45-H15			93-2670	
								93-2663	PSE

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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-H887			93-2167	
					SG-45-H888			93-2427	
		Three	3	0	SG-045-H13			95-2105	Snub. Reduction
47 MS SG 1 270		One	1	1	SG-206-H1			88-2075	
48 MS SG 1 90		Two	1	1	SG-207-H1			91-2416	
49 MS SG 2 East		Three	1	1	SG-208-H1			95-2451	
50 MS SG 2 West		Three	1	1	SG-209-H1			95-2464	
51 ADV # 1		One	1	1	SG-59-H6			88-2076	
								90-2108	
		Two	1	1	SG-70-H6			91-2536	
52 ADV # 2		Three	2	2	SG-084-H6			95-2529	
					SG-103-H6			95-2530	
53 Steam to Aux FW		One	4	4	SG-81-H1			88-2077	
					SG-81-H2			88-2379	
					SG-83-H1			88-2078	
					SG-83-H2			88-2074	
		Two	2	2	SG-81-H4			91-2406	
					SG-83-H4			91-2407	
		Three	2	2	SG-081-H3			95-2274	
					SG-083-H3			95-2288	
54 FW SG 1		One	7	7	SG-2-H4			90-2266	
					SG-2-H5			90-2267	
					SG-2-H12			90-2382	
					SG-2-H13			90-2268	Reject
								90-2394	Reject
								90-2454	Re-exam
					SG-2-H14			90-2269	
					SG-2-H15			90-2270	
					SG-2-H803			90-2383	
					SG-2-H806			90-2002	
		Two	7	7	SG-13-H1			93-2108	
					SG-13-H802			93-2112	
					SG-2-H10			93-2110	
					SG-2-H11			93-2111	
					SG-2-H806			93-2673	
					SG-2-H811			93-2113	
					SG-2-H9			93-2109	
55 FW SG 2		One	9	9	SG-5-H9			90-2311	
					SG-5-H10			90-2310	
					SG-5-H11			90-2312	
					SG-5-H12			90-2313	
					SG-5-H805			90-2314	
					SG-5-H809			90-2003	
								90-2315	
					SG-5-H812			90-2316	
					SG-14-H1			90-2317	
					SG-14-H804			90-2318	
		Two	7	7	SG-5-H4			93-2121	
					SG-5-H5			93-2122	
					SG-5-H6			93-2123	
					SG-5-H7			93-2124	

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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-H8			93-2125	
					SG-5-H13			93-2127	Reject
								93-2551	Re-exam
					SG-5-H14			93-2126	
								93-2629	
		Three	4	0	SG-005-H13			95-2376	Re-exam
56 FW SG 1		Two	1	1	SG-202-H1			91-2301	
58 Aux & FW SG 1		One	7	7	SG-8-H2			90-2386	
					SG-8-H3			90-2387	
					SG-8-H4			90-2388	
					SG-8-H5			90-2389	
					SG-8-H20			90-2390	
					SG-8-H901			90-2426	
					SG-8-H903			90-2427	
		Two	7	7	SG-8-H20			91-2376	
					SG-8-H6			93-2345	
					SG-8-H7			93-2347	
					SG-8-H8			93-2003	
					SG-8-H9			93-2006	
					SG-8-H10			93-2007	
					SG-8-H11			93-2008	
					SG-8-H17			93-2346	
					SG-8-H20			93-2622	PSE-use as is MNCR 93-SG-2076
59 Aux & FW SG 2		One	6	6	AF-6-H1			88-2257	
					SG-11-H8			88-2261	
					SG-11-H9			88-2260	
					SG-11-H10			88-2264	
					SG-11-H11			88-2263	
					SG-11-H12			88-2262	
		Two	6	6	SG-11-H13			93-2626	
					SG-11-H14			93-2005	
					SG-11-H15			93-2004	
					SG-11-H16			93-2014	
					SG-11-H18			93-2009	
					SG-11-H19			93-2627	
60 Downcomer FW SG 1	One		1	1	SG-200-H9			88-2404	
61 Downcomer FW SG 2	Two		2	2	SG-203-H13			91-2414	
					SG-203-H14			91-2415	
		Three	1	1	SG-203-H8			95-2327	
62 Aux FW SG 1	One		1	1	AF-4-H3			88-2053	
	Two		1	1	AF-18-H1			93-2309	
63 Aux FW SG 2	One		2	2	AF-6-H2			88-2055	
					AF-16-H1			88-2054	
	Two		2	2	AF-6-H3			93-2307	
					AF-6-H5			93-2308	
64 Blowdown SG 1	One		12	12	SG-39-H10			90-2271	
					SG-39-H11			90-2272	
					SG-39-H12			90-2273	
					SG-39-H13			90-2274	
					SG-39-H14			90-2275	

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
65 Blowdown SG 2		Two	13	13	SG-39-H15			90-2276	
					SG-39-H16			90-2277	
					SG-39-H17			90-2278	
					SG-39-H26			90-2279	
					SG-53-H1			90-2428	
					SG-53-H2			90-2393	
					SG-53-H924			90-2442	
					SG-39-H1			93-2348	
					SG-39-H2			93-2350	
					SG-39-H3			93-2337	Reject
								93-2550	Re-exam
					SG-39-H4			93-2338	
					SG-39-H5			93-2343	Reject
								93-2549	Re-exam
					SG-39-H6			93-2341	
					SG-39-H27			93-2335	
					SG-39-H922			93-2349	
					SG-53-H3			93-2340	
					SG-53-H4			93-2336	
					SG-53-H5			93-2342	
					SG-53-H6			93-2344	
					SG-53-H7			93-2339	
		Three	12	0	SG-039-H10			94-2030	Snub. Reduction
					SG-039-H3			95-2377	Re-exam
					SG-039-H5			95-2378	Re-exam
	65 Blowdown SG 2	One	12	12	SG-48-H2			90-2323	
					SG-48-H3			90-2280	
					SG-48-H4			90-2281	
					SG-48-H19			90-2282	
					SG-48-H20			90-2283	
					SG-48-H21			90-2284	
					SG-48-H925			90-2324	
					SG-52-H1			90-2325	
					SG-52-H2			90-2326	
					SG-52-H3			90-2285	
					SG-52-H4			90-2286	
					SG-52-H923			90-2327	
		Two	11	11	SG-48-H20			91-2508	
					SG-48-H13			93-2319	
					SG-48-H14			93-2320	
					SG-48-H15			93-2317	
					SG-48-H16			93-2318	
					SG-48-H17			93-2316	Reject
								93-2580	Re-exam
					SG-48-H18			93-2315	
					SG-48-H22			93-2464	Reject
								93-2616	Re-exam
					SG-48-H23			93-2501	Reject
								93-2617	Re-exam
					SG-48-H24			93-2323	
					SG-48-H25			93-2322	



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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
68 Reg HT Exch. 70 LPSI A Suction		Three	13	0	SG-48-H26			93-2321	
					SG-048-H11			94-2029	Snub. Reduction
					SG-048-H17			95-2379	Re-exam
					SG-048-H22			95-2398	Re-exam
					SG-048-H23			95-2380	Re-exam
71 LPSI A Discharge		One	1	1	68-10			93-2596	
					SI-67-H4			88-2027	
					SI-241-H20			95-2203	
					SI-241-H22			95-2202	
					SI-307-H16			95-2201	
72 LPSI Pump A		Two	5	5	SI-307-H17			95-2187	
					SI-87-H11			88-2026	
					SI-78-H1			91-2159	
					SI-78-H2			91-2246	
					SI-87-H1			91-2172	
73 LPSI B Suction		Two	1	1	SI-87-H2			91-2188	
					SI-87-H3			91-2161	
					SI-78-H3			91-2539	Re-exam
					72-3B			95-2193	
					72-3C			88-2025	
74 LPSI B Discharge		Three	6	6	72-3A			88-2025	
					SI-308-H14			91-2490	
					SI-034-H4			91-2169	
					SI-194-H1			95-2024	
					SI-308-H12			95-2027	
75 LPSI B Discharge		Two	1	1	SI-308-H13			95-2025	
					SI-129-H1			95-2026	
					SI-129-H2			95-2035	Reject
					SI-129-H3			95-2522	Re-exam
					SI-129-H4			95-2036	
76 CS Pump A Suction		Three	2	2	SI-129-H5			95-2037	
					SI-129-H6			95-2038	
					73-3A			95-2039	
					73-3B			95-2040	
					73-3C			91-2499	
77 CS Pump A Disch.		Two	3	3	73-3A			91-2499	
					73-3B			91-2499	
					73-3C			91-2499	
					SI-9-H4			95-2010	
					SI-067-H1			95-2010	
		One	4	4	SI-067-H2			95-2010	
					SI-067-H3			95-2010	
					SI-79-H1			95-2192	
					SI-79-H2			95-2191	
					SI-79-H3			95-2190	
		Two	3	3	SI-79-H4			95-2190	
					SI-79-H5			95-2190	
					SI-79-H6			95-2190	
					SI-82-H2			95-2190	
								95-2190	



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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
	78 CS Pump A	Three	3	3	SI-079-H7			95-2198	
					SI-079-H8			95-2199	
					SI-079-H9			95-2200	
		One	2	2	80-3B			88-2003	
					80-3C			88-2003	
		Two	1	1	80-3A			91-2501	
	79 CS Pump B Suction	One	3	3	SI-34-H1			88-2253	
					SI-34-H2			88-2254	
					SI-34-H3			88-2255	
		Two	2	2	SI-33-H4			91-2151	
					SI-33-H3			93-2300	
		Three	3	3	SI-034-H5			95-2028	
					SI-034-H6			95-2029	
					SI-123-H1			95-2030	
	80 CS Pump B Disch.	One	3	3	SI-119-H7			88-2045	
					SI-119-H8			88-2044	
					SI-119-H9			88-2046	
		Two	4	4	SI-119-H1			91-2165	
					SI-119-H2			91-2167	
					SI-119-H3			91-2166	
					SI-119-H4			91-2168	
								91-2538	Re-exam
		Three	3	3	SI-119-H5			95-2034	
					SI-119-H6			95-2031	
					SI-147-H1			95-2032	
	81 CS Pump B	Two	1	1	81-3A			91-2500	
					81-3B			91-2500	
					81-3C			91-2500	
		Three	2	2	81-3A			95-2013	
					81-3B			95-2013	
					81-3C			95-2013	
	82 SD Cooling A	One	2	2	SI-78-H5			88-2022	
					SI-79-H10			88-2006	
		Three	1	1	SI-078-H4			95-2466	
	83 SD Cooling A	One	4	4	SI-87-H9			88-2021	
					SI-89-H1			88-2012	
					SI-89-H2			88-2014	
					SI-89-H3			88-2013	
		Two	3	3	SI-87-H4			91-2174	
					SI-90-H1			91-2179	
					SI-90-H2			91-2139	
					SI-87-H8			93-2635	PSE
		Three	12	12	SI-070-H1			95-2126	
					SI-070-H2			95-2208	
					SI-070-H3			95-2209	
					SI-070-H6			95-2248	
					SI-070-H7			95-2169	
					SI-082-H1			95-2207	
					SI-087-H5			95-2124	
					SI-087-H6			95-2119	
					SI-087-H7			95-2121	



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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
85 SD Cooling B	One	3	3		SI-087-H8			95-2120	
					SI-089-H5			95-2204	
					SI-090-H4			95-2210	
					SI-119-H10			88-2050	
					SI-123-H6			88-2041	
					SI-123-H7			88-2043	
					SI-119-H11			91-2141	
	Two	6	6		SI-119-H13			91-2140	
					SI-119-H14			91-2143	
					SI-123-H2			91-2145	
					SI-123-H5			91-2149	
					SI-123-H8			91-2148	
					SI-129-H10			88-2048	
					SI-129-H11			88-2047	
86 SD Cooling B	One	3	3		SI-129-H12			88-2051	
					SI-72-H5			91-2147	
					SI-72-H6			91-2146	
	Two	7	7		SI-129-H7			91-2152	
					SI-129-H8			91-2154	
					SI-135-H1			91-2163	
					SI-135-H2			91-2162	
					SI-135-H3			91-2164	
					SI-072-H1			95-2230	
					SI-072-H2			95-2232	
					SI-072-H3			95-2233	
					SI-072-H4			95-2231	
					SI-072-H12			95-2229	
					SI-129-H9			95-2091	
					SI-129-H13			95-2093	
	Three	15	15		SI-134-H1			95-2239	
					SI-134-H2			95-2238	
					SI-134-H3			95-2240	
					SI-134-H5			95-2090	
					SI-134-H6			95-2089	
					SI-134-H7			95-2088	
					SI-134-H8			95-2094	
					SI-147-H2			95-2087	
					SI-72-H11			88-2070	
					SI-72-H13			88-2071	
88 LPSI B	One	8	8		SI-72-H14			88-2069	
					SI-72-H21			88-2063	
					SI-72-H22			88-2064	
					SI-73-H1			88-2067	
					SI-73-H2			88-2072	
					SI-73-H3			88-2073	
	Two	0			SI-72-H20			93-2636	PSE
					SI-072-H15			95-2133	
					SI-072-H16			95-2129	
					SI-072-H17			95-2130	
					SI-072-H18			95-2132	
	Three	6	6		SI-072-H19			95-2131	

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
89 LPSI B	One	4	4		SI-072-H20			95-2128	Reject Re-exam
					SI-194-H12			95-2589	
					SI-194-H13			88-2059	
					SI-194-H14			88-2060	
					SI-194-H23			88-2061	
90 CS B	Three	1	1		SI-173-H1			88-2062	
	Two	2	2		SI-134-H9			95-2092	
					SI-134-H10			91-2144	
91 LPSI A	One	7	7		SI-70-H9			91-2150	
					SI-70-H10			88-2148	
					SI-70-H11			88-2151	
					SI-70-H12			88-2160	
					SI-70-H13			88-2150	
	Two	2	2		SI-70-H15			88-2161	
					SI-70-H16			88-2149	
					SI-71-H2			88-2159	
	Three	1	1		SI-71-H3			91-2156	
					SI-070-H14			91-2157	
92 LPSI A	One	5	5		SI-239-H3			95-2309	Reject Re-exam
					SI-241-H12			95-2521	
					SI-241-H14			88-2155	
					SI-241-H15			88-2156	
					SI-241-H21			88-2158	
	Two	5	5		SI-239-H1			88-2154	
					SI-239-H2			88-2157	
					SI-241-H9			91-2222	
					SI-241-H11			91-2170	
					SI-241-H16			91-2238	
	Three	2	2		SI-002-H1			91-2239	Re-exam
					SI-002-H5			91-2542	
					SI-89-H10			91-2236	
					SI-89-H13			95-2118	
					SI-089-H11			95-2116	
93 CS Discharge 1	Two	2	2		SI-89-H10			91-2155	
	Three	2	2		SI-89-H13			91-2440	
					SI-089-H11			95-2123	
94 LPSI A	One	3	3		SI-089-H12			95-2590	Reject Re-exam
					SI-89-H7			95-2122	
					SI-89-H8			88-2042	
					SI-89-H9			88-2049	
					SI-70-H4			88-2110	
	Two	7	7		SI-70-H5			88-2052	PSE
					SI-70-H8			91-2240	
					SI-241-H6			91-2018	
					SI-241-H7			91-2029	
					SI-241-H8			91-2197	
	Three	5	5		SI-241-H17			91-2196	
					SI-089-H6			91-2241	
					SI-241-H2			91-2242	

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks				
95 LPSI B	One	6	6	SI-241-H3				95-2236					
				SI-241-H4				95-2234					
				SI-241-H5				95-2235					
				SI-72-H8				88-2089					
				SI-72-H10				88-2090					
				SI-134-H11				88-2039					
				SI-134-H12				88-2040					
				SI-194-H3				88-2091					
				SI-194-H5				88-2092					
				Two	10	10	SI-72-H7				91-2195		
				SI-72-H9						91-2194			
				SI-194-H4						91-2189			
				SI-194-H7						91-2228			
				SI-194-H8						91-2229			
				SI-194-H9						91-2193			
										91-2540	Re-exam		
				SI-194-H10						91-2010			
				SI-194-H11						91-2198			
	SI-194-H15						91-2012						
	Three	3	3	SI-194-H21				91-2190					
	SI-194-H2						95-2117						
	SI-194-H6						95-2115						
	SI-134-H4						95-2189						
	SI-202-H7						88-2187						
	96 LPSI To Loop 1A	One	3	3	SI-202-H8				88-2188				
					SI-202-H9				88-2189				
					Two	8	8	SI-202-H2				92-2004	
					SI-202-H3						91-2290		
											91-2516	PSE-SNUB. REDUC.	
		SI-202-H4						91-2289					
		SI-202-H5						91-2261					
						91-2514	removed snubber red.						
						SI-202-H6				91-2260			
					SI-202-H10				91-2292				
					SI-202-H11				91-2291				
					SI-202-H12				91-2515	PSE-SNUB. REDUC.			
Three		7	7	SI-202-H15				92-2003					
				SI-202-H1				95-2221					
				SI-202-H12				95-2225					
	SI-202-H13						95-2224	Snub. Reduction					
	SI-202-H14						95-2223	Snub. Reduction					
	SI-202-H16						95-2222						
	SI-202-H17						95-2340						
	SI-202-H18						95-2220						
	97 LPSI To Loop 1B			One	10	10	SI-220-H8				90-2291		
							SI-220-H9				88-2190		
SI-220-H10								88-2191					
SI-220-H11								88-2192					
SI-220-H12								88-2193					
SI-220-H13								88-2194					
SI-220-H14								88-2195					

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
					SI-220-H15			88-2196	
					SI-220-H19			88-2197	
					SI-220-H22			88-2198	
		Two	7	7	SI-220-H1			91-2333	
								91-2518	Re-exam
					SI-220-H7			91-2519	PSE-SNUB. REDUC.
					SI-220-H12			91-2521	PSE-SNUB. REDUC
					SI-220-H16			91-2326	
					SI-220-H17			91-2320	
					SI-220-H18			91-2323	
					SI-220-H20			91-2322	
					SI-220-H21			91-2316	
					SI-220-H24			91-2522	PSE-SNUB. REDUC.
					SI-220-H27			91-2520	PSE-SNUB. REDUC.
					SI-220-H28			91-2317	
					SI-220-H29			91-2517	PSE-SNUB. REDUC.
		Three	10	10	SI-220-H3			95-2101	Snub. Reduction
					SI-220-H5			95-2275	
					SI-220-H6			95-2215	Snub. Reduction
					SI-220-H7			95-2096	
					SI-220-H23			95-2102	
					SI-220-H24			95-2100	
					SI-220-H25			95-2216	Spring Can Reduct.
					SI-220-H26			95-2099	
					SI-220-H27			95-2097	
					SI-220-H29			95-2098	
98 LPSI To Loop 2A		One	2	2	SI-155-H5			88-2199	
					SI-155-H6			88-2200	
		Two	5	5	SI-155-H1			91-2315	
					SI-155-H2			91-2324	
					SI-155-H3			91-2318	
					SI-155-H4			91-2314	
					SI-155-H6			91-2523	PSE-SNUB. REDUC.
					SI-155-H7			91-2325	
99 LPSI To Loop 2B		Two	5	5	SI-174-H7			91-2438	
					SI-174-H8			91-2510	
								91-2524	PSE-SNUB. REDUC.
					SI-174-H9			91-2321	
					SI-174-H10			91-2319	
					SI-174-H13			91-2436	
		Three	5	5	SI-174-H4			95-2171	
					SI-174-H5			95-2170	
					SI-174-H6			95-2217	
					SI-174-H11			95-2383	
					SI-174-H12			95-2328	
100 LPSI A Suction		One	2	2	SI-241-H19			88-2185	
					SI-369-H1			88-2186	
		Two	1	1	84-5			91-2527	
101 LPSI B Suction		Two	0	0	SI-194-H18			93-2658	PSE

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ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
FR 5.11 &5.12	70 LPSI A Suction	Three	8	8	SI-194-H16			95-2372	Snub. Reduction
					SI-194-H18			95-2371	
					SI-194-H22			95-2384	
					SI-194-H25			95-2373	Snub. Reduction
					SI-194-H26			95-2374	
					SI-368-H1			95-2368	
					SI-368-H2			95-2369	
					85-5			95-2417	
		One	3	3	70-58	88-2083	88-2037		
					70-69	88-2082	88-2037		
	Two				70-104	88-2084	88-2037		Vol/IEB 79-13 Vol/IEB 79-13
			4	4	70-103	91-2465	91-2448		
					70-44	91-2460	91-2447		
					70-46	91-2461	91-2447		
					70-61	91-2503	91-2505		
	71 LPSI B Discharge	One	3	3	72-5	88-2079	88-2036		UT limited (added weld 70-56 to program)
					72-6	88-2080	88-2036		
					72-8	88-2081	88-2036		
		Two	3	3	72-18	91-2474	91-2463		
					74-45	91-2475	91-2464		
	73 LPSI B Suction	Three	3	3	74-46	91-2476	91-2464		
					71-55	95-2050	95-2019		
					71-69	95-2049	95-2020		
					71-110	95-2046	95-2021		
	74 LPSI B Discharge	Three	2	2	73-8	95-2150	95-2007		
					73-30	95-2139	95-2134		
	76 CS A Suction	One	2	2	80-10	88-2020	88-2004		
					80-16	88-2016	88-2004		
	77 CS A Discharge	One	3	3	82-1	88-2018	88-2011		
					82-1A	88-2019	88-2011		
					82-2	88-2017	88-2011		
		Two	4*	4*	82-15	91-2245	91-2459		
					82-16	91-2244	91-2459		
	79 CS Pump B Suction				82-31	91-2243	91-2459		*required between 2 zones.
		Two	2	2	81-12	91-2502	91-2485		
					81-15	91-2235	91-2005		
		Three	2	2	81-1	95-2048	95-2011		
	80 CS Pump B Disch.				81-8	95-2047	95-2011		
		Two	4*	4*	83-1A	91-2487	91-2486		
		Three	4	4	83-2	95-2151	95-2009		
					83-3	95-2155	95-2009		
					83-16	95-2156	95-2009		
	82 SD Cooling A				83-30	95-2157	95-2009		
		One	2	2	72-48	88-2033	88-2024		
					72-61	88-2031	88-2024		
		Two	4*	4*	72-52	91-2210	91-2199		
								91-2200	

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 SD Cooling A	One	6	6	74-19	88-2035	88-2015			
				74-21	88-2029	88-2015			
				74-74	88-2032	88-2023			
				74-87	88-2030	88-2015			
				74-100	88-2028	88-2023			
				74-105	88-2034	88-2015			
				74-1	91-2211	91-2173			
	Two	3	3			91-2201			
				74-3	91-2181	91-2175			
				74-117	91-2214	91-2208			
					91-2227				
				74-118	91-2180	91-2178			
									UT limited (added weld 74-117 to program)
85 SD Cooling B	Two	4*	4*	73-36	91-2187	91-2183			
				73-37	91-2186	91-2184			
				73-63	91-2185	91-2182			
	Three	1	1	73-54	95-2164	95-2079			
	Three	9	9	75-11	95-2051	95-2059			
86 SD Cooling B	Three	9	9	75-13	95-2163	95-2054			
				75-14	95-2052	95-2057			
				75-60	95-2159	95-2058			
				75-61	95-2161	95-2058			
				75-62	95-2162	95-2055			
				75-87	95-2152	95-2056			
				83-40	95-2158	95-2205			
				83-41	95-2160	95-2205			
				79-1	95-2206	95-2127			
				71-79	91-2234	91-2202			
88 East Wrap 89 East Wrap	Three	1	1	71-88	95-2148	95-2095			
	Two	1	1	71-91	95-2149	95-2095			
	Three	2	2	83-55	91-2213	91-2207			
90 LPSI B	Two	4*	4*	83-56	91-2212	91-2206			
				83-59	91-2209	91-2205			
				74-44	88-2273	88-2146			
91 LPSI A	One	2	2	76-2	88-2277	88-2145			
	Two	2	2	77-8	91-2223	91-2217			
				77-10D	91-2215	91-2216			
	One	5	5	70-2	88-2278	88-2147			
92 LPSI A	One	5	5	70-16		88-2152			No UT inaccess
				70-17	88-2275	88-2152			
				70-80	88-2276	88-2152			
				70-85	88-2274	88-2152			
				82-64	93-2284	93-2181			
93 West Wrap 94 A Train 88'	Two	4*	4*	82-47	88-2094	88-2088			
	One	2	2	82-48	88-2095	88-2088			
95 B Train 88'	Three	2	2	71-34	95-2194	95-2196			
				71-36	95-2195	95-2196			
				70-134	88-2302	88-2290			
100 LPSI A Suction	One	1	1	70-116	91-2379	91-2378			*required between 2 zones
101 LPSI B Suction	Two	2*	2*	71-130	91-2509	91-2507			

APPENDIX A

INSERVICE INSPECTION SUMMARY REPORT

ASME Item no	Zone Comp/sys	Insp per	Amt Req	Amt Comp	Item ID	Vol	Reports Surf	Visual	Remarks
FR 5.21 &FR5.22	88 LPSI B	Three	4	4	71-112	95-2324	95-2108		
					71-113	95-2323	95-2109		
					71-140	95-2219	95-2218		
					85-3		95-2321		
					78-16	88-2269	88-2066		
	93 Cont. Sump Suct. 1	Two	3	3	84-9	91-2247	91-2230		
					76-25	95-2326	95-2165		
					76-27	95-2344	95-2165		
					76-47	95-2345	95-2165		
					77-22	91-2405	91-2381		
	96 LPSI 1A	Three	3	3	77-27	91-2404	91-2382		
					77-28D	91-2395	91-2382		
					78-45	88-2301	88-2265		
					78-47	88-2300	88-2265		
					72-49A		88-2024		
FR 5.31 &5.32	82 SD Cooling A	One	1	1	74-102		88-2146		
	91 LPSI A	One	1	1					

APPENDIX B

INSERVICE INSPECTION
CODE LIMITATIONS

APPENDIX B
CODE LIMITATIONS

No Code Limitations identified
during Fifth Refueling Outage.



APPENDIX C

FORM
NIS-1



APS

NIS-1 FORM

OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

1. OWNER ARIZONA PUBLIC SERVICE COMPANY, ET AL
ADDRESS P.O. BOX 52034, PHOENIX, ARIZONA
2. PLANT PALO VERDE NUCLEAR GENERATING STATION
ADDRESS 4 MILES SOUTH OF WINTERSBURG, ARIZONA
3. UNIT NUMBER: 2
4. OWNERS' CERTIFICATE OF AUTHORIZATION
5. COMMERCIAL SERVICE DATE: September 19, 1986
6. COMPONENTS INSPECTED:

COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	SERIAL NUMBER	STATE OR PROVINCE	NATIONAL BOARD NO
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THE ITEMS EXAMINED, WITH EXAMINATION REPORT NUMBERS, ARE LISTED IN APPENDIX A. ALL OF THE EXAMINATION REPORT NUMBERS FOR THE FIFTH REFUELING ARE NUMBERED WITH A 94-2XXX OR 95-2XXX REPORT NUMBER AND ARE IN BOLD PRINT.



APS

NIS-1 BACK

OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

7. EXAM DATES 1/18/94 TO 3/26/95
8. INSPECTION INTERVAL FROM 9/19/86 TO 3/17/97
9. ABSTRACT OF EXAMINATIONS. INCLUDE A LIST OF EXAMINATIONS AND A STATEMENT CONCERNING STATUS OF WORK REQUIRED FOR CURRENT INTERVAL.

THE ITEMS EXAMINED, WITH EXAMINATION REPORT NUMBERS, ARE LISTED IN APPENDIX A. THE EXAMINATIONS ARE LISTED BY ASME ITEM NUMBERS WITH CORRESPONDING EXAMINATION REPORT NUMBERS. ALL OF THE EXAMINATION REPORT NUMBERS FOR THE FIFTH REFUELING ARE NUMBERED WITH A 94-2XXX OR 95-2XXX REPORT NUMBER AND ARE IN BOLD PRINT.

10. ABSTRACT OF CONDITIONS NOTED

THERE ARE NO OUTSTANDING REJECTABLE ITEMS IN UNIT 2. THE REJECTABLE ITEMS DURING THIS OUTAGE CONSISTED OF 9 ITEMS. 6 REJECTED SUPPORTS, 1 REJECTED STUD FOR MINOR SURFACE DEFECTS, 1 REJECTED VALVE FOR BORIC ACID RESIDUE, AND 1 REJECTABLE ULTRASONIC SKIRT WELD EXAMINATION ON THE PRESSURIZER. A LIST OF INDIVIDUAL REJECTED COMPONENTS IS LISTED IN SECTION 7.0 REPAIRS AND REPLACEMENTS, OF THIS REPORT.

11. ABSTRACT OF CORRECTIVE MEASURES RECOMMENDED AND TAKEN

THE REJECTED SUPPORT COMPONENTS WERE REWORKED AND REEXAMINED PER THE INDIVIDUAL WORK ORDER. THE REJECTED BOLTING WAS REPLACED PER THE INDIVIDUAL WORK ORDER. ITEMS MISSING FROM HANGERS WERE REPLACED. THE PRESSURIZER SKIRT WELD WAS EVALUATED TO USE 'AS IS' PER MNCR 93-RC-2027. THE REJECTED VALVE WAS REWORKED BY AN EXISTING WORK ORDER AND RE-EXAMINED.

SEVERAL REPAIRS AND REPLACEMENTS HAVE BEEN PERFORMED SINCE COMMERCIAL OPERATIONS DUE TO ROUTINE AND CORRECTIVE MAINTENANCE. WORK WAS PERFORMED IN ACCORDANCE WITH ASME SECTION XI AND APS WORK CONTROL PROCEDURES. ALL DOCUMENTS ARE MAINTAINED AT PALO VERDE.

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

DATE 6-27-95 SIGNED: ARIZONA PUBLIC SERVICE COMPANY BY Alan Monow
Team Leader ISL

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 1-18-94 TO 3-26-95, 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 Art S. Fyfe COMMISSIONS 28 9685 'N' '1' Az. 264
NAT'L BOARD, STATE, PROVINCE

DATE 6-27-95

