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DENTON,H.R. Office of Nuclear Reactor Regulation, Director

SUBJECT: Forwards addl info re inservice insp weld program.Revised pages to Table 1,Class 2 components welds to Table 2 for components & welds for which relief requested encl.

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December 20, 1982
AEP:NRC:0070H

Donald C. Cook Nuclear Plant Unit 1
Docket Nos. 50-315 and 50-316
License Nos. DPR-58 and DPR-74
INSERVICE INSPECTION PROGRAM FOR WELDS - ADDITIONAL INFORMATION

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

References: (1) Letter AEP:NRC:0070F dated July 2, 1982
(2) Letter AEP:NRC:0070G dated September 2, 1982

Dear Mr. Denton:

This letter and its first two Attachments provide additional information on the Inservice Inspection Weld Program for Unit 1 of the Donald C. Cook Nuclear Plant. We committed to provide this information in Reference (1).

Attachment 1 contains revised pages to Table 1 for Class 2 components and welds in accordance with code requirements. Attachment 2 contains revised pages to Table 2 for components and welds for which code relief is requested. These revisions to Tables 1 and 2 include the result of plant inspections performed on Unit No. 1 during the recent refueling outage. Attachment 3 contains sketches that were informally transmitted to your contractor as a supplement to Reference (2).

The information that is being revised is the result of the review of welds having access restrictions detailed in Reference (1), and also the addition of plant systems formerly exempted by ASME Section XI - 1974, IWC-1220(c), "Chemistry Control". During the plant inspection performed in the July-October 1982 refueling outage, it was determined that four welds from the original group and nine welds in the systems being added because of "Chemistry Control" disallowance have possible restricted access. Insulation was not removed from these welds and as a result the extent of the access restriction could not be

A047

determined. These welds are in multiple streams and since the code does not require 100% examination they will probably not require an examination. However, they are listed for possible code relief on Table 2. If a weld from these restricted access welds has to be scheduled for examination, specific code relief will be made at that time.

Our review of these tables also indicated that sections of the suction piping to the residual heat removal and containment spray pumps were incorrectly added to the examination program in Reference (2). These sections are identified on isometric drawings (ISO's) 1-SI-2 and 1-SI-3 and the corrections have been identified on Tables 1 and 2. A similar correction will be made in the Unit 2 Tables when they are revised.

A description of the revised pages for Tables 1 and 2 follows:

Table 1

Flow Diagram No.	Pages	Changes
5105	B-3, B-5, B-8, B-9	Typographical corrections and deletion of redundant entries.
5106	B-14, B-16, B-18	Transferred four welds with possible restricted access to Table 2.
5143	B-40, B-40a	Addition of systems previously exempted by IWC-1220(c).
5143	B-40	Correction of temperature and pressure for sections of 1-SI-2 and 1-SI-3.
5144	B-42	Correction of temperature and pressure for sections of 1-SI-2 and 1-SI-3.

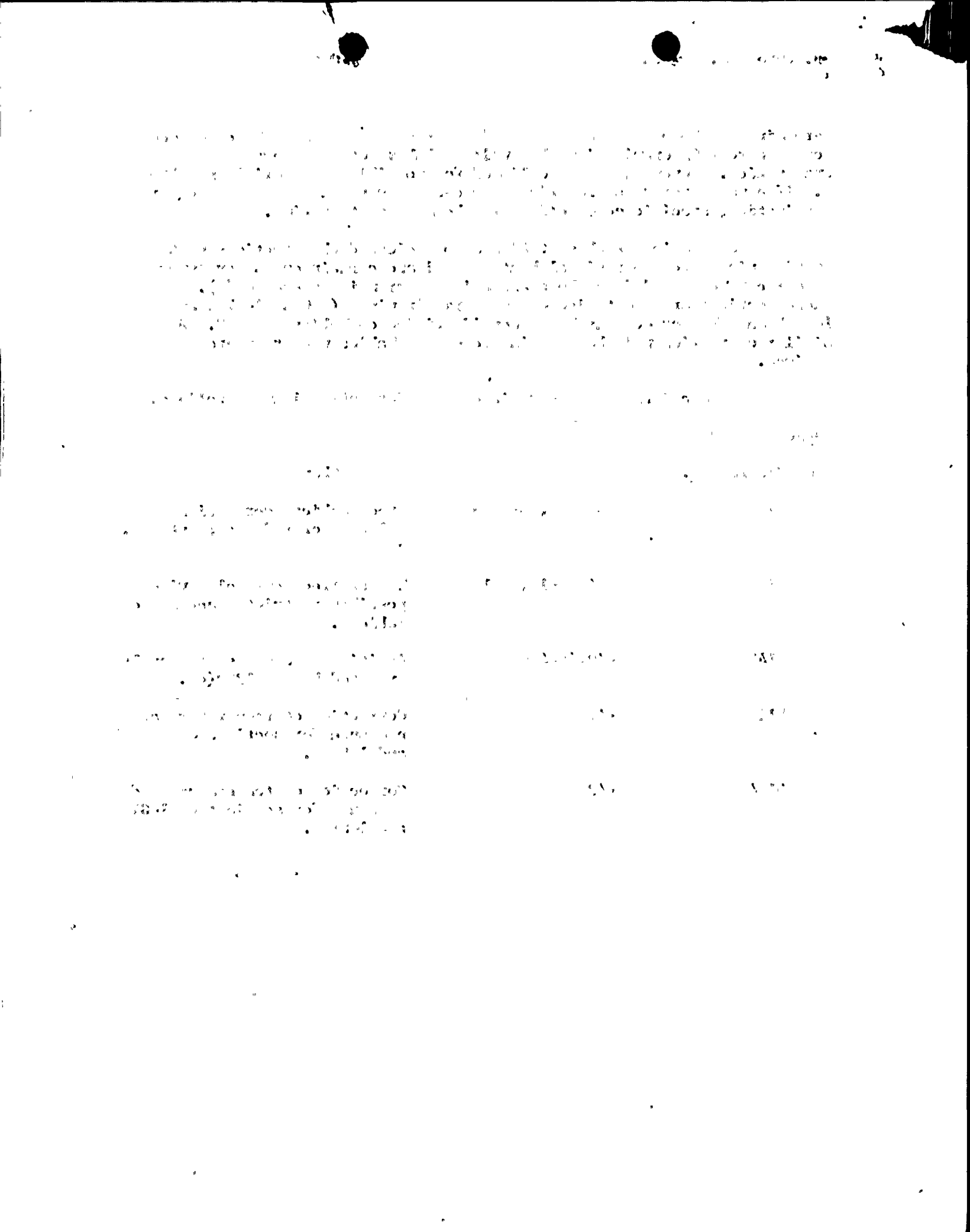


Table 2

Flow Diagram No.	Pages	Changes
5105	D-1, D-3	Typographical correction
5106	D-4	Welds transferred from Table 1. Possible access restriction.
5143	D-6	Addition of systems previously exempted by IWC-1220(c). Welds with possible access restrictions.
5143	D-6	Addition of sections of 1-SI-2 and 1-SI-3 for code relief.
5144	D-7	Typographical correction

In addition, other pages of the tables for the flow diagrams listed above are included for page continuity. The revised pages are identified as "Rev. 2, 11/1/82" and should be substituted for the corresponding pages in Attachments B and D of Reference (2).

Lastly, the information transmitted on September 30, 1982, to Mr. George Freund, of SAI, consultant to the NRC, is formally submitted here as Attachment 3. This information supports two code relief requests submitted via Reference (2). The relief requests apply to the welds joining the Unit 2 pressurizer to the support skirt, and to the welds joining the main steam pipe to the containment penetration for both Units. The original code relief requests were identified in Reference (2) as follows:

1. Attachment G, Page G-11, Item 2, Unit 2, Pressurizer to support skirt weld, LTP reference number 008505.

2. Attachment F, Page F-1, Units 1 & 2, Pipe to penetration weld covered by a whip restraint.

This document has been prepared following Corporate Procedures which incorporate a reasonable set of controls to ensure its accuracy and completeness prior to signature by the undersigned.

Very truly yours,

R. F. Hering
Vice President

/os

cc: John E. Dolan - Columbus
R. S. Hunter
M. P. Alexich
R. W. Jurgensen
W. G. Smith, Jr. - Bridgman
R. C. Callen
G. Charnoff
NRC Resident Inspector at Cook Plant - Bridgman

ATTACHMENT NO. 1 TO AEP:NRC:0070H
(Revised Pages to Table 1 of Attachment B to AEP:NRC:0070G)

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Main Steam — Class 2 — Flow Diagram No. 5105 — Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
1-BD-500	1085	600	2	ALL		ALL	d		
1-BD-501	1085	600	2	ALL		ALL	d		
1-BD-502	1085	600	2	ALL		ALL	d		
1-BD-503	1085	600	2	ALL		ALL	d		
1-BD-512	1085	600	2	ALL		ALL	d		Up to DRV-311 and DRV-312
1-BD-513	1085	600	2	ALL		ALL	d		Up to DRV-331 and DRV-332
1-BD-514	1085	600	2	ALL		ALL	d		Up to DRV-341 and DRV-342
1-BD-524	1085	600	2	ALL		ALL	d		Up to DRV-321 and DRV-322
1-MS-1	1085	570	32	01F	N-EL	SG 1	C-G	C2.1	
1-MS-1	1085	570	32	02S	EL-P		C-G	C2.1	
1-MS-1	1085	570	—		R	MSR-1	C-E-2	C2.6	
1-MS-1	1085	570	32	03S	P-EL		C-G	C2.1	
1-MS-1	1085	570	32	04S	ELRD		C-G	C2.1	
1-MS-1	1085	570	—		R	MSR-2	C-E-2	C2.6	
1-MS-1	1085	570	30	05F	RD-P		C-G	C2.1	
1-MS-1	1085	570	—		R	MSR-3	C-E-2	C2.6	
1-MS-1	1085	570	30	06F	P-P		C-G	C2.1	
1-MS-1	1085	570	—		R	MSR-4	C-E-2	C2.6	
1-MS-1	1085	570	—		R	MSR-5	C-E-2	C2.6	
1-MS-1	1085	570	30	07S	P-EL		C-G	C2.1	
1-MS-1	1085	570	30	08S	ELEL		C-G	C2.1	
1-MS-1	1085	570	30	09F	EL-P		C-G	C2.1	
1-MS-1	1085	570	—		H	MSH-1	C-E-1,2	C2.5,6	
1-MS-1	1085	570	—		H	MSS-1	C-E-1,2	C2.5,6	
1-MS-1	1085	570	—		H	MSS-2	C-E-1,2	C2.5,6	
1-MS-1	1085	570	—		R	RESTRAINT	C-E-2	C2.6	
1-MS-1	1085	570	—		R	RESTRAINT	C-E-2	C2.6	
1-MS-1	1085	570	1.5	13F	P-P		d		
1-MS-1	1085	570	1.5	14F	P-P		d		
1-MS-1	1085	570	2	15F	P-P		d		
1-MS-1	1085	570	2	16F	P-P		d		
1-MS-1	1085	570	2	17S	P-EL		d		
1-MS-1	1085	570	2	18S	EL-P		d		
1-MS-1	1085	570	2	19S	P-EL		d		

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Main Steam Class 2 Flow Diagram No. 5105 Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO.	IWC1220 CATEG	IWC2600	REMARKS
1-MS-1	1085	570	2	20S	EL-V		d		
1-MS-1	1085	570	0.75	21F	P-P		d		
1-MS-1	1085	570	0.75	22F	P-V		d		
1-MS-1	1085	570	0.75	23F	P-P		d		
1-MS-1	1085	570	0.75	24F	P-V		d		
1-MS-1			52	11S	PN	CPN-2	C-E-1	C2.5	
1-MS-10	1085	570	32	01F	N-EL	SG 3	C-G	C2.1	
1-MS-10	1085	570	32	02S	EL-P		C-G	C2.1	
1-MS-10	1085	570	—		R	MSR-11	C-E-2	C2.6	
1-MS-10	1085	570	32	03S	P-EL		C-G	C2.1	
1-MS-10	1085	570	32	04S	P-RD		C-G	C2.1	
1-MS-10	1085	570	—		R	MSR-12	C-E-2	C2.6	
1-MS-10	1085	570	30	05F	RD-P		C-G	C2.1	
1-MS-10	1085	570	—		R	MSR-13	C-3-2	C2.6	
1-MS-10	1085	570	—		R	MSR-14	C-E-2	C2.6	
1-MS-10	1085	570	30	06F	P-P		C-G	C2.1	
1-MS-10	1085	570	—		R	MSR-15	C-E-2	C2.6	
1-MS-10	1085	570	30	07S	P-EL		C-G	C2.1	
1-MS-10	1085	570	—		H	MSH-3	C-E-1,2	C2.5,6	
1-MS-10	1085	570	—		H	MSS-6	C-E-1,2	C2.5,6	
1-MS-10	1085	570	—		H	MSS-5	C-E-1,2	C2.5,6	
1-MS-10	1085	570	—		R	Restraint	C-E-2	C2.6	
1-MS-10	1085	570	—		R	Restraint	C-E-2	C2.6	
1-MS-10	1085	570	1.5	12F	P-P		d		
1-MS-10	1085	570	1.5	13F	P-P		d		
1-MS-10	1085	570	2	14F	P-P		d		
1-MS-10	1085	570	2	15F	P-P		d		
1-MS-10	1085	570	2	16S	P-EL		d		
1-MS-10	1085	570	2	17S	EL-P		d		
1-MS-10	1085	570	2	18S	P-EL		d		
1-MS-10	1085	570	2	19S	EL-V		d		
1-MS-10	1085	570	0.75	20F	P-P		d		
1-MS-10	1085	570	0.75	21S	P-V		d		
1-MS-10	1085	570	0.75	22F	P-P		d		

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Main Steam — Class 2 — Flow Diagram No. 5105 — Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
1-MS-10	1085	570	0.75	23S	P-V		d			
1-MS-10			52	10S	PN	CPN-4		C-E-1	C2.5	
1-MS-10	1085	570	30	08F	EL-P			C-G	C2.1	
1-MS-11	1085	570	30	01S	PN	CPN-4		C-E-1	C2.5	R2
1-MS-11	1085	570	30	02F	PN-P	CPN-4		C-G	C2.1	
1-MS-11	1085	570	30	03S	P-TE			C-G	C2.1	
1-MS-11	1085	570	30	04F	P-V	MRV-230		C-G	C2.1	
1-MS-11	1085	570	30	05F	TE-P			C-G	C2.1	
1-MS-11	1085	570	30	06S	P-TE			C-G	C2.1	
1-MS-11	1085	570	30	07S	TE-P			C-G	C2.1	
1-MS-11	1085	570	--		R	Restraint		C-E-2	C2.6	
1-MS-11	1085	570	30	08S	P-C			C-G	C2.1	
1-MS-11	1085	570	30	09S	TE-P			C-G	C2.1	
1-MS-11	1085	570	--		R	Restraint		C-E-2	C2.6	
1-MS-11	1085	570	30	10S	P-C			C-G	C2.1	
1-MS-11	1085	570	6	11S	P-F			C-G	C2.1	
1-MS-11	1085	570	6	12S	P-F			C-G	C2.1	
1-MS-11	1085	570	6	13S	P-F			C-G	C2.1	
1-MS-11	1085	570	6	14S	P-F			C-G	C2.1	
1-MS-11	1085	570	6	15S	P-F			C-G	C2.1	
1-MS-11	1085	570	1	16F	P-P		d			
1-MS-11	1085	570	1	17S	P-V		d			
1-MS-11	1085	570	1	18F	P-P		d			
1-MS-11	1085	570	1	19S	P-V		d			
1-MS-11	1085	570	1	20F	P-P		d			
1-MS-11	1085	570	1	21S	P-EL		d			
1-MS-11	1085	570	1	22F	EL-V		d			
1-MS-11	1085	570	--		S	Support		C-E-2	C2.6	Line support
1-MS-11	1085	570	--		S	Support		C-E-2	C2.6	Line support
1-MS-11	1085	570	6	26	P-P			C-G	C2.1	
1-MS-14	1085	570	32	01F	N-EL	SG 4		C-G	C2.1	
1-MS-14	1085	570	32	02S	EL-P			C-G	C2.1	
1-MS-14	1085	570	--		R	MSR-16		C-E-2	C2.6	
1-MS-14	1085	570	32	03S	P-EL			C-G	C2.1	

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Main Steam Class 2 Flow Diagram No. 5105 Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
1-MS-14	1085	570	32	04S	ELRD			C-G	C2.1	
1-MS-14	1085	570	--		R	MSR-17		C-E-2	C2.6	
1-MS-14	1085	570	30	05F	RD-P			C-G	C2.1	
1-MS-14	1085	570	--		R	MSR-18		C-E-2	C2.6	
1-MS-14	1085	570	30	06F	P-P			C-G	C2.1	
1-MS-14	1085	570	--		R	MSR-19		C-E-2	C2.6	
1-MS-14	1085	570	--		R	MSR-20		C-E-2	C2.6	
1-MS-14	1085	570	30	07S	P-EL			C-G	C2.1	
1-MS-14	1085	570	--		H	MSH-4		C-E-1,2	C2.5,6	
1-MS-14	1085	570	30	08F	EL-P			C-G	C2.1	
1-MS-14	1085	570	--		H	MSS-8		C-E-1,2	C2.5,6	
1-MS-14	1085	570	--		H	MSS-7		C-E-1,2	C2.5,6	
1-MS-14	1085	570	--		R	Restraint		C-E-2	C2.6	
1-MS-14	1085	570	--		R	Restraint		C-E-2	C2.6	
1-MS-14	1085	570	1.5	12F	P-P		d			
1-MS-14	1085	570	1.5	13F	P-P		d			
1-MS-14	1085	570	2	14F	P-P		d			
1-MS-14	1085	570	2	15F	P-P		d			
1-MS-14	1085	570	2	16S	P-EL		d			
1-MS-14	1085	570	2	17S	EL-P		d			
1-MS-14	1085	570	2	18S	P-EL		d			
1-MS-14	1085	570	2	19S	EL-V		d			
1-MS-14	1085	570	0.75	20F	P-P		d			
1-MS-14	1085	570	0.75	21S	P-V		d			
1-MS-14	1085	570	0.75	22F	P-P		d			
1-MS-14	1085	570	0.75	23S	P-V		d			
1-MS-14			52	10S	PN	CPN-5		C-E-1	C2.5	
1-MS-15	1085	570	30	01F	PN	CPN-5		C-E-1	C2.5	
1-MS-15	1085	570	30	02F	PN-P	CPN-5		C-G	C2.1	
1-MS-15	1085	570	30	03S	P-TE			C-G	C2.1	
1-MS-15	1085	570	30	04F	TE-V	MRV-240		C-G	C2.1	
1-MS-15	1085	570	30	05F	TE-P			C-G	C2.1	
1-MS-15	1085	570	--		S	Support		C-E-2	C2.6	Line support
1-MS-15	1085	570	30	06S	P-TE			C-G	C2.1	

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Main Steam Class 2 Flow Diagram No. 5105 Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
1-MS-15	1085	570	--		S	Support		C-E-2	C2.6	Line support
1-MS-15	1085	570	30	07S	TE-P			C-G	C2.1	
1-MS-15	1085	570	--		R	Restraint		C-E-2	C2.6	
1-MS-15	1085	570	30	08S	P-C			C-G	C2.1	
1-MS-15	1085	570	30	09S	TE-P			C-G	C2.1	
1-MS-15	1085	570	--		R	Restraint		C-E-2	C2.6	
1-MS-15	1085	570	30	10S	P-C			C-G	C2.1	
1-MS-15	1085	570	6	11S	P-F			C-G	C2.1	
1-MS-15	1085	570	6	12S	P-F			C-G	C2.1	
1-MS-15	1085	570	6	13S	P-F			C-G	C2.1	
1-MS-15	1085	570	6	14S	P-F			C-G	C2.1	
1-MS-15	1085	570	6	15S	P-F			C-G	C2.1	
1-MS-15	1085	570	1	16F	P-P		d			
1-MS-15	1085	570	1	17S	P-V		d			
1-MS-15	1085	570	1	18F	P-P		d			
1-MS-15	1085	570	1	19S	EL-V		d			
1-MS-15	1085	570	1	20F	P-P		d			
1-MS-15	1085	570	1	21S	P-V		d			
1-MS-15	1085	570	1	22	P-EL		d			
1-MS-15	1085	570	6	23	N-P			C-G	C2.1	◦ R2
1-MS-189	1085	570	6	01S	EL-P			C-G	C2.1	
1-MS-189	1085	570	6	02S	P-EL			C-G	C2.1	
1-MS-189	1085	570	6	03S	EL-P			C-G	C2:1	
1-MS-189	1085	570	6	04F	P-EL			C-G	C2.1	
1-MS-189	1085	570	6	05S	EL-P			C-G	C2.1	
1-MS-189	1085	570	6	06S	P-EL			C-G	C2.1	
1-MS-189	1085	570	6	07S	EL-P			C-G	C2.1	
1-MS-189	1085	570	6	08S	P-EL			C-G	C2.1	
1-MS-189	1085	570	--		H	1-GMS-V825		C-E-1,2	C2.5,6	
1-MS-189	1085	570	6	09F	EL-V	MSV-101-1		C-G	C2.1	
1-MS-189	1085	570	6	10F	V-P	MSV-101-1		C-G	C2.1	
1-MS-189	1085	570	6	11F	P-V	MRV-213		C-G	C2.1	
1-MS-190	1085	570	6	01F	P-P			C-G	C2.1	
1-MS-190	1085	570	6	02S	P-EL			C-G	C2.1	

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Main Steam Class 2 Flow Diagram No. 5105 Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
1-MS-190	1085	570	6	03S	EL-P		C-G	C2.1	
1-MS-190	1085	570	6	04F	P-EL		C-G	C2.1	
1-MS-190	1085	570	6	05S	EL-P		C-G	C2.1	
1-MS-190	1085	570	--		H	1-GMS-R837	C-E-1,2	C2.5,6	
1-MS-190	1085	570	6	06S	P-EL		C-G	C2.1	
1-MS-190	1085	570	--		H	1-GMS-L829	C-E-1,2	C2.5,6	
1-MS-190	1085	570	6	07S	EL-P		C-G	C2.1	
1-MS-190	1085	570	--		H	1-GMS-V828	C-E-2	C2.6	
1-MS-190	1085	570	6	08S	P-EL		C-G	C2.1	
1-MS-190	1085	570	6	09S	EL-P		C-G	C2.1	
1-MS-190	1085	570	6	10F	P-V	MSV-101-2	C-G	C2.1	
1-MS-190	1085	570	6	11F	V-P	MSV-101-2	C-G	C2.1	
1-MS-190	1085	570	6	12F	P-V	MRV-223	C-G	C2.1	
1-MS-191	1085	570	6	01F	TE-P		C-G	C2.1	
1-MS-191	1085	570	6	02S	P-EL		C-G	C2.1	
1-MS-191	1085	570	6	03S	EL-P		C-G	C2.1	
1-MS-191	1085	570	6	04F	P-EL		C-G	C2.1	
1-MS-191	1085	570	6	05S	EL-P		C-G	C2.1	
1-MS-191	1085	570	--		H	1-GMS-R836	C-E-1,2	C2.5,6	
1-MS-191	1085	570	6	06S	P-EL		C-G	C2.1	
1-MS-191	1085	570	--		H	1-GMS-L832	C-E-1,2	C2.5,6	
1-MS-191	1085	570	6	07S	EL-P		C-G	C2.1	
1-MS-191	1085	570	--		H	1-GMS-V831	C-E-2	C2.6	
1-MS-191	1085	570	6	08S	P-EL		C-G	C2.1	
1-MS-191	1085	570	6	09S	EL-P		C-G	C2.1	
1-MS-191	1085	570	6	10F	P-V	MSV-101-3	C-G	C2.1	
1-MS-191	1085	570	6	11F	V-P	MSV-101-3	C-G	C2.1	
1-MS-191	1085	570	6	12F	P-V	MRV-233	C-G	C2.1	
1-MS-191	1085	570	6	08S	P-EL		C-G	C2.1	
1-MS-192	1085	570	6	01F	TEEL		C-G	C2.1	
1-MS-192	1085	570	6	02S	EL-P		C-G	C2.1	
1-MS-192	1085	570	6	03S	P-EL		C-G	C2.1	
1-MS-192	1085	570	6	04S	EL-P		C-G	C2.1	
1-MS-192	1085	570	6	05F	P-EL		C-G	C2.1	

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Main Steam Class 2 Flow Diagram No. 5105 Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
1-MS-192	1085	570	6	06S	EL-P		C-G	C2.1	
1-MS-192	1085	570	6	07S	P-EL		C-G	C2.1	
1-MS-192	1085	570	6	08S	EL-P		C-G	C2.1	
1-MS-192	1085	570	6	09S	P-EL		C-G	C2.1	
1-MS-192	1085	570	--		H	1-GMS-V834	C-E-1,2	C2.5,6	
1-MS-192	1085	570	6	10F	EL-V	MSR-101-4	C-G	C2.1	
1-MS-192	1085	570	6	11F	V-P	MSR-101-4	C-G	C2.1	
1-MS-192	1085	570	6	12F	P-V	MRV-243	C-G	C2.1	
1-MS-2	1085	570	30	01F	PN	CPN-2	C-E-1	C2.5	
1-MS-2	1085	570	30	02F	PNTE	CPN-2	C-G	C2.1	
1-MS-2	1085	570	30	03F	TE-V	MRV-210	C-G	C2.1	
1-MS-2	1085	570	30	04F	TE-P		C-G	C2.1	
1-MS-2	1085	570	--		S	SUPPORT	C-E-2	C2.6	
1-MS-2	1085	570	30	05S	P-TE		C-G	C2.1	
1-MS-2	1085	570	--		S	SUPPORT	C-E-2	C2.6	
1-MS-2	1085	570	30	06S	TE-P		C-G	C2.1	
1-MS-2	1085	570	--		R	RESTRAINT	C-E-2	C2.6	
1-MS-2	1085	570	30	07S	P-C		C-G	C2.1	
1-MS-2	1085	570	30	08S	TE-P		C-G	C2.1	
1-MS-2	1085	570	--		R	RESTRAINT	C-E-2	C2.6	
1-MS-2	1085	570	30	09S	P-C		C-G	C2.1	
1-MS-2	1085	570	6	10F	P-EL		C-G	C2.1	
1-MS-2	1085	570	6	11S	P-F		C-G	C2.1	
1-MS-2	1085	570	6	12S	P-F		C-G	C2.1	
1-MS-2	1085	570	6	13S	P-F		C-G	C2.1	
1-MS-2	1085	570	6	14S	P-F		C-G	C2.1	
1-MS-2	1085	570	6	15S	P-F		C-G	C2.1	
1-MS-2	1085	570	1	16F	P-P		d		
1-MS-2	1085	570	1	17S	P-V		d		
1-MS-2	1085	570	1	18F	P-P		d		
1-MS-2	1085	570	1	19S	P-V		d		
1-MS-2	1085	570	1	20F	P-P		d		
1-MS-2	1085	570	1	21S	P-V		d		
1-MS-2	1085	570	1	22F	P-P		d		

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Main Steam Class 2 Flow Diagram No. 5105 Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
1-MS-2	1085	570	6	23F	N-P		C-G	C2.1	R2
1-MS-49	1085	570	4	ALL		ALL	d		Up to MS-108-2
1-MS-50	1085	570	4	ALL		ALL	d		Up to MCM-231
1-MS-6	1085	570	32	01F	N-P	SG 2	C-G	C2.1	
1-MS-6	1085	570	32	02S	P-EL		C-G	C2.1	
1-MS-6	1085	570	32	03S	EL-P		C-G	C2.1	
1-MS-6	1085	570	--		R	MSR-6	C-E-2	C2.6	
1-MS-6	1085	570	32	04S	P-EL		C-G	C2.1	
1-MS-6	1085	570	32	05S	ELRD		C-G	C2.1	
1-MS-6	1085	570	—		R	MSR-7	C-E-2	C2.6	
1-MS-6	1085	570	30	06F	RD-P		C-G	C2.1	
1-MS-6	1085	570	—		R	MSR-8	C-E-2	C2.6	
1-MS-6	1085	570	30	07F	P-P		C-G	C2.1	
1-MS-6	1085	570	—		R	MSR-9	C-E-2	C2.6	
1-MS-6	1085	570	--		R	MSR-10	C-E-2	C2.6	
1-MS-6	1085	570	30	08S	P-P		C-G	C2.1	
1-MS-6	1085	570	--		H	MSH-2	C-E-1,2	C2.5,6	
1-MS-6	1085	570	30	09F	P-P		C-G	C2.1	
1-MS-6	1085	570	—		H	MSS-3	C-E-1,2	C2.5,6	
1-MS-6	1085	570	—		H	MSS-4	C-E-1,2	C2.5,6	
1-MS-6	1085	570	--		R	RESTRAINT	C-E-2	C2.6	
1-MS-6	1085	570	—		R	RESTRAINT	C-E-2	C2.6	
1-MS-6	1085	570	1.5	13F	P-P		d		
1-MS-6	1085	570	1.5	14F	P-P		d		
1-MS-6	1085	570	2	15F	P-P		d		
1-MS-6	1085	570	2	16F	P-P		d		
1-MS-6	1085	570	2	17S	P-EL		d		
1-MS-6	1085	570	2	18S	EL-P		d		
1-MS-6	1085	570	2	19S	P-EL		d		
1-MS-6	1085	570	2	20S	EL-P		d		
1-MS-6	1085	570	2	21S	P-V		d		
1-MS-6	1085	570	0.75	22F	P-P		d		
1-MS-6	1085	570	0.75	23S	P-V		d		
1-MS-6	1085	570	0.75	24F	P-P		d		

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Main Steam Class 2 Flow Diagram No. 5105 Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS	
1-MS-6	1085	570	0.75	25S	P-V		d				
1-MS-6			52	11S	PN	CPN-3		C-E-1	C2.5		
1-MS-661	1085	570	2	ALL		ALL	d			Up to MS-109-1	
1-MS-662	1085	570	2	ALL		ALL	d			Up to MS-109-4	
1-MS-663	1085	570	2	ALL		ALL	d			Up to MS-110-2 and MS-109-2	
1-MS-664	1085	570	2	ALL		ALL	d			Up to MS-109-3	
1-MS-7	1085	570	30	01S	PN	CPN-3		C-E-1	C2.5		R2
1-MS-7	1085	570	30	02F	PN-P	CPN-3		C-G	C2.1		
1-MS-7	1085	570	30	03S	P-TE			C-G	C2.1		
1-MS-7	1085	570	30	04F	TE-V	MRV-220		C-G	C2.1		
1-MS-7	1085	570	30	05F	TE-P			C-G	C2.1		
1-MS-7	1085	570	30	06S	P-TE			C-G	C2.1		
1-MS-7	1085	570	30	07S	TE-P			C-G	C2.1		
1-MS-7	1085	570	--		R	RESTRAINT		C-E-2	C2.6		
1-MS-7	1085	570	30	08S	P-C			C-G	C2.1		
1-MS-7	1085	570	30	09S	TE-P			C-G	C2.1		
1-MS-7	1085	570	--		R	RESTRAINT		C-E-2	C2.6		
1-MS-7	1085	570	30	10S	P-C			C-G	C2.1		
1-MS-7	1085	570	6	11S	P-F			C-G	C2.1		
1-MS-7	1085	570	6	12S	P-F			C-G	C2.1		
1-MS-7	1085	570	6	13S	P-F			C-G	C2.1		
1-MS-7	1085	570	6	14S	P-F			C-G	C2.1		
1-MS-7	1085	570	6	15S	P-F			C-G	C2.1		
1-MS-7	1085	570	1	16F	P-P		d				
1-MS-7	1085	570	1	17S	P-V		d				
1-MS-7	1085	570	1	18F	P-P		d				
1-MS-7	1085	570	1	19S	P-V		d				
1-MS-7	1085	570	1	20F	P-P		d				
1-MS-7	1085	570	1	21S	P-EL		d				
1-MS-7	1085	570	6	22F	P-P			C-G	C2.1		
1-MS-7	1085	570	--		S	SUPPORT		C-E-2	C2.6	Line support	
1-MS-7	1085	570	--		S	SUPPORT		C-E-2	C2.6	Line support	
1-MS-7	1085	570	1	41	EL-V		d				

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Main Steam Class 2 Flow Diagram No. 5105 Rev.2 17/1/-2

No entries this page. Submitted for continuity only

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Feedwater — Class 2 — Flow Diagram No. 5106 — Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
BLI-110,V1	1085	600	0.75	ALL		ALL	d		
BLI-120,V1	1085	600	0.75	ALL		ALL	d		
BLI-130,V1	1085	600	0.75	ALL		ALL	d		
BLI-140,V1	1085	600	0.75	ALL		ALL	d		
BLP-110,V1	1085	600	0.75	ALL		ALL	d		
BLP-110,V2	1085	600	0.75	ALL		ALL	d		
BLP-111,V1	1085	600	0.75	ALL		ALL	d		
BLP-111,V2	1085	600	0.75	ALL		ALL	d		
BLP-112,V1	1085	600	0.75	ALL		ALL	d		
BLP-112,V2	1085	600	0.75	ALL		ALL	d		
BLP-120,V1	1085	600	0.75	ALL		ALL	d		
BLP-120,V2	1085	600	0.75	ALL		ALL	d		
BLP-121,V1	1085	600	0.75	ALL		ALL	d		
BLP-121,V2	1085	600	0.75	ALL		ALL	d		
BLP-122,V1	1085	600	0.75	ALL		ALL	d		
BLP-122,V2	1085	600	0.75	ALL		ALL	d		
BLP-130,V1	1085	600	0.75	ALL		ALL	d		
BLP-130,V2	1085	600	0.75	ALL		ALL	d		
BLP-131,V1	1085	600	0.75	ALL		ALL	d		
BLP-131,V2	1085	600	0.75	ALL		ALL	d		
BLP-132,V1	1085	600	0.75	ALL		ALL	d		
BLP-132,V2	1085	600	0.75	ALL		ALL	d		
BLP-140-V2	1085	600	0.75	ALL		ALL	d		
BLP-140,V1	1085	600	0.75	ALL		ALL	d		
BLP-141,V1	1085	600	0.75	ALL		ALL	d		
BLP-141,V2	1085	600	0.75	ALL		ALL	d		
BLP-142,V1	1085	600	0.75	ALL		ALL	d		
BLP-142,V2	1085	600	0.75	ALL		ALL	d		
1-CF-519	1085	600	0.5	ALL		ALL	d		From CF-122 to feedwater
1-CF-520	1085	600	0.5	ALL		ALL	d		From CF-123 to feedwater
1-CF-521	1085	600	0.5	ALL		ALL	d		Fr CF-124 to feedwater
1-CF-522	1085	600	0.5	ALL		ALL	d		From CF-125 to feedwater
1-FW-10	1170	440	14	01F	V-P	FWO-203	C-G	C2.1	
1-FW-10	1170	440	14	02S	P-EL		C-G	C2.1	

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH ASME REQUIREMENTS

System Feedwater Class 2 Flow Diagram No. 5106 Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
1-FW-10	1170	440	--		R	1-GFW-L141		C-E-1,2	C2.5,6	
1-FW-10	1170	440	14	03S	EL-P			C-G	C2.1	
1-FW-10	1170	440	14	04S	P-EL			C-G	C2.1	
1-FW-10	1170	440	14	05F	EL-P			C-G	C2.1	
1-FW-10	1170	440	14	06S	P-EL			C-G	C2.1	
1-FW-10	1170	440	14	07S	EL-P			C-G	C2.1	
1-FW-10	1170	440	--		H	1-GFW-V142		C-E-2	C2.6	
1-FW-10	1170	440	--		H	1-GFW-L867		C-E-2	C2.6	
1-FW-10	1170	440	14	08F	P-P			C-G	C2.1	
1-FW-10	1170	440	14	09F	P-P			C-G	C2.1	
1-FW-10	1170	440	--		H	1-GFW-V143		C-E-2	C2.6	
1-FW-10	1170	440	14	10S	P-EL			C-G	C2.1	
1-FW-10	1170	440	14	11F	ELEL			C-G	C2.1	
1-FW-10	1170	440	14	12S	EL-P			C-G	C2.1	
1-FW-10	1170	440	--		H	1-GFW-L144		C-E-1,2	C2.5,6	
1-FW-10	1170	440	14	13F	P-P			C-G	C2.1	
1-FW-10	1170	440	--		H	1-GFW-V145		C-E-1,2	C2.5,6	
1-FW-10	1170	440	--		H	1-GFW-L868		C-E-1,2	C2.5,6	
1-FW-10	1170	440	--		H	1-GFW-S854		C-E-1,2	C2.5,6	
1-FW-10	1170	440	14	14S	P-EL			C-G	C2.1	
1-FW-10	1170	440	14	15F	EL-P			C-G	C2.1	
1-FW-10	1170	440	14	16S	P-EL			C-G	C2.1	
1-FW-10	1170	440	14	17S	EL-P			C-G	C2.1	
1-FW-10	1170	440	14	18F	P-P			C-G	C2.1	
1-FW-10	1170	440	--		R	Restraint		C-E-2	C2.6	
1-FW-10	1085	600	14	20F	V-P	FW-118-3		C-G	C2.1	
1-FW-10	1085	600	14	21F	P-PN	CPN-9		C-G	C2.1	
1-FW-10	1085	600	14	22F	PN	CPN-9		C-E-1	C2.5	
1-FW-10	1170	440	1	23F	P-P		d			
1-FW-10	1170	440	1	24F	P-V		d			
1-FW-10	1170	440	0.75	25F	P-P		d			
1-FW-10	1170	440	0.75	26F	P-EL		d			
1-FW-10	1170	440	0.75	27F	EL-P		d			
1-FW-10	1170	440	0.75	28F	P-V		d			

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Feedwater Class 2 Flow Diagram No. 5106 Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
1-FW-10	1170	440	0.75	29F	P-P		d		
1-FW-10	1170	440	0.75	30F	P-EL		d		
1-FW-10	1170	440	0.75	31F	EL-P		d		
1-FW-10	1170	440	0.75	32S	P-V		d		
1-FW-10	1170	440	0.75	33F	P-P		d		
1-FW-10	1170	440	0.75	34F	P-EL		d		
1-FW-10	1170	440	0.75	35F	EL-P		d		
1-FW-10	1170	440	0.75	36F	P-V		d		
1-FW-10	1170	440	0.75	37F	P-P		d		
1-FW-10	1170	440	0.75	38F	P-V		d		
1-FW-10	1170	440	1	39F	P-B		d		
1-FW-10	1170	440	1	40F	P-V		d		
1-FW-10	1170	440	1.25	41F	P-B		d		
1-FW-10	1170	440	1.25	42F	P-P		d		
1-FW-10	1170	440	1.25	43F	P-P		d		
1-FW-10	1170	440	1	47	P-EL		d		
1-FW-10	1170	440	1	48	EL-P		d		
1-FW-11	1085	600	14	02F	PN	CPN-9	C-G	C2.1	
1-FW-11	1085	600	14	03F	PN-R	CRN-9	C-G	C2.1	
1-FW-11	1085	600	14	04S	P-EL		C-G	C2.1	
1-FW-11	1085	600	14	05S	EL-P		C-G	C2.1	
1-FW-11	1085	600	—		R	1-FWR-12	C-E-2	C2.6	
1-FW-11	1085	600	14	06F	P-EL		C-6	C2.1	
1-FW-11	1085	600	14	07S	EL-P		C-G	C2.1	
1-FW-11	1085	600	—		H	1-FWS-9	C-E-2	C2.6	
1-FW-11	1085	600	14	08F	P-EL		C-G	C2.1	
1-FW-11	1085	600	—		H	1-FWH-3	C-E-2	C2.6	
1-FW-11	1085	600	14	09S	EL-P		C-G	C2.1	
1-FW-11	1085	600	—		H	1-FWS-7	C-E-1,2	C2.5,6	
1-FW-11	1085	600	—		H	1-FWS-8	C-E-1,2	C2.5,6	
1-FW-11	1085	600	—		R	1-FWR-11	C-E-2	C2.6	
1-FW-11	1085	600	14	10S	P-EL		C-G	C2.1	
1-FW-11	1085	600	14	11F	EL-P		C-G	C2.1	
1-FW-11	1085	600	—		R	1-FWR-10	C-E-2	C2.6	

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Feedwater Class 2 Flow Diagram No. 5106 Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
1-FW-11	1085	600	--		R	1-FWR-9		C-E-2	C2.6	
1-FW-11	1085	600	14	12F	P-RD			C-G	C2.1	
1-FW-11	1085	600	16	13S	RD-P			C-G	C2.1	
1-FW-11	1085	600	16	14F	EL-N	SG3		C-G	C2.1	
1-FW-11	1085	600	1	15F	P-P		d			
1-FW-11	1085	600	1	16F	P-P		d			
1-FW-11	1085	600	1	17F	P-V		d			
1-FW-12	1170	440	14	01F	V-P	FMO-202		C-G	C2.1	
1-FW-12	1170	440	14	02S	P-EL			C-G	C2.1	
1-FW-12	1170	440	--		H	1-GFW-L147		C-E-1,2	C2.5,6	
1-FW-12	1170	440	14	03S	EL-P			C-G	C2.1	
1-FW-12	1170	440	14	04S	P-EL			C-G	C2.1	
1-FW-12	1170	440	14	05S	EL-P			C-G	C2.1	
1-FW-12	1170	440	14	06S	P-EL			C-G	C2.1	
1-FW-12	1170	440	14	07F	EL-P			C-G	C2-1	
1-FW-12	1170	440	--		H	1-GFW-L851		C-E-1,2	C2.5,6	
1-FW-12	1170	440	--		H	1-GFW-V148		C-E-1,2	C2.5,6	
1-FW-12	1170	440	14	08F	P-P			C-G	C2.1	
1-FW-12	1170	440	14	09F	P-P			C-G	C2.1	
1-FW-12	1170	440	--		H	1-GFW-R827		C-E-1,2	C2.5,6	
1-FW-12	1170	440	--		H	1-GFW-S852		C-E-1,2	C2.5,6	
1-FW-12	1170	440	14	10F	P-EL			C-G	C2.1	
1-FW-12	1170	440	14	11S	EL-P			C-G	C2.1	
1-FW-12	1170	440	--		H	1-GFW-V828		C-E-1,2	C2.5,6	
1-FW-12	1170	440	14	12S	P-EL			C-G	C2.1	
1-FW-12	1170	440	14	13F	EL-P			C-G	C2.1	
1-FW-12	1170	440	14	14S	P-EL			C-G	C2.1	
1-FW-12	1170	440	14	15F	EL-P			C-G	C2.1	
1-FW-12	1170	440	--		R	RESTRAINT		C-E-2	C2.6	R2
1-FW-12	1085	600	14	17F	V-P	FW-118-2		C-G	C2.1	
1-FW-12	1085	600	14	18F	P-PN	CPN-8		C-G	C2.1	
1-FW-12	1085	600	14	19F	PN	CPN-8		C-E-1	C2.5	
1-FW-12	1170	440	1	20F	P-P		d			
1-FW-12	1170	440	1	21F	P-V		d			

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Feedwater Class 2 Flow Diagram No. 5106 Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
1-FW-12	1170	440	0.75	22F	P-P		d		
1-FW-12	1170	440	0.75	23S	P-EL		d		
1-FW-12	1170	440	0.75	24S	EL-V		d		
1-FW-12	1170	440	0.75	25F	P-P		d		
1-FW-12	1170	440	0.75	26S	P-EL		d		
1-FW-12	1170	440	0.75	27S	EL-V		d		
1-FW-12	1170	440	0.75	28F	P-P		d		
1-FW-12	1170	440	0.75	29S	P-EL		d		
1-FW-12	1170	440	0.75	30S	EL-V		d		
1-FW-12	1170	440	0.75	31F	P-P		d		
1-FW-12	1170	440	0.75	32S	P-EL		d		
1-FW-12	1170	440	0.75	33S	EL-V		d		
1-FW-12	1170	440	1	34F	P-P		d		
1-FW-12	1170	440	1	35F	P-V		d		
1-FW-12	1170	440	1.25	36F	P-P		d		
1-FW-12	1170	440	1.25	37F	P-P		d		
1-FW-12	1170	440	1.25	38F	P-P		d		
1-FW-12	1170	440	1	42	P-EL		d		
1-FW-12	1170	440	1	43	EL-P		d		
1-FW-13	1085	600	14	02F	PN	CPN-8	C-G	C2.1	
1-FW-13	1085	600	14	03F	PN-P	CPN-8	C-G	C2.1	
1-FW-13	1085	600	14	04S	P-EL		C-G	C2.1	
1-FW-13	1085	600	14	05S	EL-P		C-G	C2.1	
1-FW-13	1085	600	--		R	1-FWR-8	C-E-2	C2.6	
1-FW-13	1085	600	14	06F	P-EL		C-G	C2.1	
1-FW-13	1085	600	14	07S	EL-P		C-G	C2.1	
1-FW-13	1085	600	--		H	1-FWS-6	C-E-2	C2.6	
1-FW-13	1085	600	--		H	1-FWS-5	C-E-2	C2.6	
1-FW-13	1085	600	--		H	1-FWH-2	C-E-2	C2.6	
1-FW-13	1085	600	14	08F	P-EL		C-G	C2.1	
1-FW-13	1085	600	14	09S	EL-P		C-G	C2.1	
1-FW-13	1085	600	--		H	1-FWS-4	C-E-1,2	C2.5,6	
1-FW-13	1085	600	--		R	1-FWR-7	C-E-2	C2.6	
1-FW-13	1085	600	14	10S	P-EL		C-G	C2.1	

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Feedwater Class 2 Flow Diagram No. 5106 Rev.2 12/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
1-FW-13	1085	600	14	11F	EL-P			C-G	C2.1	
1-FW-13	1085	600	—		R	1-FWR-5		C-E-2	C2.6	
1-FW-13	1085	600	14	12F	P-RD			C-G	C2.1	
1-FW-13	1085	600	16	13S	RD-P			C-G	C2.1	
1-FW-13	1085	600	16	14F	EL-N	SG 2		C-G	C2.1	
1-FW-13	1085	600	1	15F	P-P		d			
1-FW-13	1085	600	1	16F	P-P		d			
1-FW-13	1085	600	1	17F	P-V		d			
1-FW-15	1170	440	14	01F	V-P	FMO-201		C-G	C2.1	
1-FW-15	1170	440	14	02S	P-EL			C-G	C2.1	
1-FW-15	1170	440	--		H	1-GFW-R800		C-E-1,2	C2.5,6	
1-FW-15	1170	440	14	03S	EL-P			C-G	C2.1	
1-FW-15	1170	440	—		H	1-GFW-S866		C-E-2	C2.6	
1-FW-15	1170	440	--		H	1-GFW-S862		C-E-2	C2.6	
1-FW-15	1170	440	14	04S	P-EL			C-G	C2.1	
1-FW-15	1170	440	14	05F	EL-P			C-G	C2.1	
1-FW-15	1170	440	--		H	1-GFW-V801		C-E-2	C2.6	
1-FW-15	1170	440	14	06F	P-P			C-G	C2.1	
1-FW-15	1170	440	—		H	1-GFW-L802		C-E-2	C2.6	
1-FW-15	1170	440	14	07F	P-P			C-G	C2.1	
1-FW-15	1170	440	14	08F	P-P			C-G	C2.1	
1-FW-15	1170	440	14	09S	P-EL			C-G	C2.1	
1-FW-15	1170	440	14	10F	EL-P			C-G	C2.1	
1-FW-15	1170	440	—		R	Restraint		C-E-2	C2.6	R2
1-FW-15	1085	600	14	12F	V-P	FW-118-1		C-G	C2.1	
1-FW-15	1085	600	14	13F	P-PN	CPN-7		C-G	C2.1	
1-FW-15	1085	600	14	14F	PN	CPN-7		C-E-1	C2.5	
1-FW-15	1170	440	1	15F	P-P		d			
1-FW-15	1170	440	1	16S	P-EL		d			
1-FW-15	1170	440	1	17S	EL-P		d			
1-FW-15	1170	440	1	18F	P-V		d			
1-FW-15	1170	440	0.75	19F	P-P		d			
1-FW-15	1170	440	0.75	20S	P-EL		d			
1-FW-15	1170	440	0.75	21S	EL-P		d			

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Feedwater Class 2 Flow Diagram No. 5106 Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
1-FW-15	1170	440	0.75	22S	P-V		d		
1-FW-15	1170	440	0.75	23F	P-P		d		
1-FW-15	1170	440	0.75	24S	P-EL		d		
1-FW-15	1170	440	0.75	25S	EL-P		d		
1-FW-15	1170	440	0.75	26S	P-V		d		
1-FW-15	1170	440	0.75	27F	P-P		d		
1-FW-15	1170	440	0.75	28S	P-EL		d		
1-FW-15	1170	440	0.75	29S	EL-P		d		
1-FW-15	1170	440	0.75	30S	P-V		d		
1-FW-15	1170	440	0.75	31F	P-P		d		
1-FW-15	1170	440	0.75	32S	P-EL		d		
1-FW-15	1170	440	0.75	33S	EL-P		d		
1-FW-15	1170	440	0.75	34S	P-V		d		
1-FW-15	1169	449	1	35F	P-P		d		
1-FW-15	1170	440	1	36F	P-V		d		
1-FW-15	1170	440	1.25	37F	P-P		d		
1-FW-15	1170	440	1.25	38F	P-P		d		
1-FW-15	1635	102	6	42	N-P		C-G	C2.1	
1-FW-15	1170	440	1	43	P-EL		d		
1-FW-15	1170	440	1	44	EL-P		d		
1-FW-16	1085	600	14	02F	PN	CPN-7	C-G	C2.1	
1-FW-16	1085	600	14	03F	P-PN	CPN-7	C-G	C2.1	
1-FW-16	1085	600	14	04S	P-EL		C-G	C2.1	
1-FW-16	1085	600	14	05S	EL-P		C-G	C2.1	
1-FW-16	1085	600	—		R	FWR-4	C-E-2	C2.6	
1-FW-16	1085	600	14	06F	P-EL		C-G	C2.1	
1-FW-16	1085	600	14	07S	EL-P		C-G	C2.1	
1-FW-16	1085	600	--		H	FWS-3	C-E-2	C2.6	
1-FW-16	1085	600	14	08F	P-EL		C-G	C2.1	
1-FW-16	1085	600	14	09S	EL-P		C-G	C2.1	
1-FW-16	1085	600	--		H	FWH-1	C-E-2	C2.6	
1-FW-16	1085	600	--		H	FWS-1	C-E-1,2	C2.5,6	
1-FW-16	1085	600	--		H	FWS-2	C-E-1,2	C2.5,6	
1-FW-16	1085	600	--		R	FWR-3	C-E-2	C2.6	

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Feedwater Class 2 Flow Diagram No. 5106 Rev. 2 12/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
1-FW-16	1085	600	14	10	P-EL		C-G	C2.1	
1-FW-16	1085	600	14	11F	EL-P		C-G	C2.1	
1-FW-16	1085	600	—		R	FWR-2	C-E-2	C2.6	
1-FW-16	1085	600	—		R	FWR-1	C-E-2	C2.6	
1-FW-16	1085	600	14	12F	P-RD		C-G	C2.1	
1-FW-16	1085	600	16	13S	RDEL		C-G	C2.1	
1-FW-16	1085	600	16	14F	EL-N	SG 1	C-G	C2.1	
1-FW-16	1085	600	1	15F	P-B		d		
1-FW-16	1085	600	1	16F	P-P		d		
1-FW-16	1085	600	1	17S	P-V		d		
1-FW-17	1170	440	14	01F	V-P	FMO-204	C-G	C2.1	
1-FW-17	1170	440	14	02S	P-EL		C-G	C2.1	
1-FW-17	1170	440	—		H	1-GFW-R832	C-E-1,2	C2.5,6	
1-FW-17	1170	440	14	03S	EL-P		C-G	C2.1	
1-FW-17	1170	440	—		H	1-GFW-S861	C-E-2	C2.6	
1-FW-17	1170	440	14	04F	P-EL		C-G	C2.1	
1-FW-17	1170	440	14	05S	EL-P		C-G	C2.1	
1-FW-17	1170	440	14	06S	P-EL		C-G	C2.1	
1-FW-17	1170	440	14	07S	EL-P		C-G	C2.1	
1-FW-17	1170	440	—		H	1-GFW-V831	C-E-2	C2.6	
1-FW-17	1170	440	—		H	1-GFW-V830	C-E-2	C2.6	
1-FW-17	1170	440	14	08F	P-P		C-G	C2.1	
1-FW-17	1170	440	14	09F	P-P		C-G	C2.1	
1-FW-17	1170	440	—		H	1-GFW-R829	C-E-2	C2.6	
1-FW-17	1170	440	14	10F	P-P		C-G	C2.1	
1-FW-17	1170	440	14	11S	P-EL		C-G	C2.1	
1-FW-17	1170	440	14	12F	EL-P		C-G	C2.1	
1-FW-17	1170	440	—		R	Restraint	C-E-2	C2.6	R2
1-FW-17	1085	600	14	14F	V-TE	FW-118-4	C-G	C2.1	
1-FW-17	1085	600	14	15F	P-PN	CPN-10	C-G	C2.1	
1-FW-17	1085	600		16F	PN	CPN-10	C-E-1	C2.5	
1-FW-17	1170	440	1	17F	P-P		d		
1-FW-17	1170	440	1	18F	P-EL		d		
1-FW-17	1170	440	1	19F	EL-P		d		

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Feedwater Class 2 Flow Diagram No. 5106 Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
1-FW-17	1170	440	a	20F	P-V		d		
1-FW-17	1170	440	0.75	21F	P-P		d		
1-FW-17	1170	440	0.75	22F	P-EL		d		
1-FW-17	1170	440	0.75	23F	EL-P		d		
1-FW-17	1170	440	0.75	24F	P-V		d		
1-FW-17	1170	440	0.75	25F	P-P		d		
1-FW-17	1170	440	0.75	26F	P-EL		d		
1-FW-17	1170	440	0.75	27F	EL-P		d		
1-FW-17	1170	440	0.75	28F	P-V		d		
1-FW-17	1170	440	0.75	29F	P-P		d		
1-FW-17	1170	440	0.75	30F	P-EL		d		
1-FW-17	1170	440	0.75	31F	EL-P		d		
1-FW-17	1170	440	0.75	32F	P-V		d		
1-FW-17	1170	440	0.75	33F	P-P		d		
1-FW-17	1170	440	0.75	34F	P-EL		d		
1-FW-17	1170	440	0.75	35F	EL-P		d		
1-FW-17	1170	440	0.75	36F	P-V		d		
1-FW-17	1170	440	1	37F	P-P		d		
1-FW-17	1170	440	1	38F	P-V		d		
1-FW-17	1170	440	1.25	39F	P-P		d		
1-FW-17	1170	440	1.25	40F	P-B		d		
1-FW-17	1170	440	1.25	41F	P-P		d		
1-FW-17	1170	440	1.25	42F	P-B		d		
1-FW-17	1170	440	1.25	43F	P-P		d		
1-FW-18	1085	600	14	02F	PN	CPN-10	C-G	C2.1	
1-FW-18	1085	600	14	03F	P-PN	CPN-10	C-G	C2.1	
1-FW-18	1085	600	14	04S	P-EL		C-G	C2.1	
1-FW-18	1085	600	14	05S	EL-P		C-G	C2.1	
1-FW-18	1085	600	—		R	FWR-16	C-E-2	C2.6	
1-FW-18	1085	600	14	06F	P-EL		C-G	C2.1	
1-FW-18	1085	600	14	07S	EL-P		C-G	C2.1	
1-FW-18	1085	600	—		H	FWS-12	C-E-2	C2.6	
1-FW-18	1085	600	14	08F	P-EL		C-G	C2.1	
1-FW-18	1085	600	14	09S	EL-P		C-G	C2.1	

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Feedwater Class 2 Flow Diagram No. 5106 Rev.2 11/7/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
1-FW-18	1085	600	--		H	FWH-4		C-E-2	C2.6	
1-FW-18	1085	600	--		R	FWR-15		C-E-2	C2.6	
1-FW-18	1085	600	--		H	FWS-11		C-E-1,2	C2.5,6	
1-FW-18	1085	600	--		H	FWS-10		C-E-1,2	C2.5.6	
1-FW-18	1085	600	14	10S	P-EL			C-G	C2.1	
1-FW-18	1085	600	14	11F	EL-P			C-G	C2.1	
1-FW-18	1085	600	--		R	FWR-14		C-E-2	C2.6	
1-FW-18	1085	600	--		R	FWR-13		C-E-2	C2.6	
1-FW-18	1085	600	14	12F	P-RD			C-G	C2.1	
1-FW-18	1085	600	16	13S	RDEL			C-G	C2.1	
1-FW-18	1085	600	16	14F	EL-N	SG 4		C-G	C2.1	Terminal End
1-FW-18	1085	600	1	15F	P-B		d			
1-FW-18	1085	600	1	16F	P-P		d			
1-FW-18	1085	600	1	17F	P-V		d			
1-FW-26	1635	102	6	01S	C-TE			C-G	C2.1	
1-FW-26	1635	102	6	02S	TE-P			C-G	C2.1	
1-FW-26	1635	102	--		H	1-GFW-V803		C-E-1,2	C2.5,6	
1-FW-26	1635	102	6	03S	P-TE			C-G	C2.1	
1-FW-26	1635	102	6	04S	TE-P			C-G	C2.1	
1-FW-26	1635	102	--		H	1-GFW-L804		C-E-2	C2.6	
1-FW-26	1635	102	--		H	1-GFW-V841		C-E-1,2	C2.5,6	
1-FW-26	1635	102	6	05S	P-EL			C-G	C2.1	
1-FW-26	1635	102	6	06F	EL-P			C-G	C2.1	
1-FW-26	1635	102	--		H	1-GFW-L805		C-E-2	C2.6	
1-FW-26	1635	102	6	07S	P-EL			C-G	C2.1	
1-FW-26	1635	102	6	08F	EL-P			C-G	C2.1	
1-FW-26	1635	102	--		H	1-GFW-R806		C-E-1,2	C2.5,6	
1-FW-26	1635	102	6	09S	P-EL			C-G	C2.1	
1-FW-26	1635	102	6	10F	EL-P			C-G	C2.1	
1-FW-26	1635	102	6	11S	P-EL			C-G	C2.1	
1-FW-26	1635	102	6	12S	EL-P			C-G	C2.1	
1-FW-26	1635	102	6	13S	P-EL			C-G	C2.1	
1-FW-26	1635	102	6	14S	EL-P			C-G	C2.1	
1-FW-26	1635	102	6	15F	P-N			C-G	C2.1	

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Feedwater Class 2 Flow Diagram No. 5106 Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
1-FW-26	1635	102	0.75	16F	P-P		d			
1-FW-26	1635	102	0.75	17F	P-P		d			
1-FW-26	1635	102	0.75	18F	P-P		d			
1-FW-26	1635	102	0.75	19S	P-V		d			
1-FW-26	1635	102	0.75	20F	P-P		d			
1-FW-26	1635	102	0.75	21S	P-V		d			
1-FW-26	1635	102	6	22	P-P			C-G	C2.1	
1-FW-26	1635	102	6	23	P-P			C-G	C2.1	
1-FW-26	1635	102	6	24	P-F			C-G	C2.1	
1-FW-26	1635	102	6	25	F-P			C-G	C2.1	
1-FW-27	1635	102	6	01S	C-TE			C-G	C2.1	
1-FW-27	1635	102	6	02S	TE-P			C-G	C2.1	
1-FW-27	1635	102	—		R	1-GFW-L842		C-E-2	C2.6	
1-FW-27	1635	102	—		H	1-GFW-V807		C-E-1,2	C2.5,6	
1-FW-27	1635	102	6	03S	P-TE			C-G	C2.1	
1-FW-27	1635	102	6	04S	TE-P			C-G	C2.1	
1-FW-27	1635	102	6	05S	P-EL			C-G	C2.1	
1-FW-27	1635	102	6	06S	EL-P			C-G	C2.1	
1-FW-27	1635	102	—		R	1-GFW-L808		C-E-2	C2.6	
1-FW-27	1635	102	6	07F	P-EL			C-G	C2.1	
1-FW-27	1635	102	6	08S	EL-P			C-G	C2.1	
1-FW-27	1635	102	—		H	1-GFW-L809		C-E-1,2	C2.5,6	
1-FW-27	1635	102	6	09F	P-EL			C-G	C2.1	
1-FW-27	1635	102	6	10S	EL-P			C-G	C2.1	
1-FW-27	1635	102	6	11S	P-EL			C-G	C2.1	
1-FW-27	1635	102	6	12S	EL-P			C-G	C2.1	
1-FW-27	1635	102	6	13S	P-EL			C-G	C2.1	
1-FW-27	1635	102	6	14S	EL-P			C-G	C2.1	
1-FW-27	1635	102	6	15F	P-N			C-G	C2.1	
1-FW-27	1635	102	0.75	16F	P-P		d			
1-FW-27	1635	102	0.75	17F	P-P		d			
1-FW-27	1635	102	0.75	18F	P-P		d			
1-FW-27	1635	102	0.75	19F	P-P		d			
1-FW-27	1635	102	6	20	P-P			C-G	C2.1	

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Feedwater Class 2 Flow Diagram No. 5106 Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
1-FW-27	1635	102	6	21	P-P			C-G	C2.1	
1-FW-27	1635	102	6	22	P-F			C-G	C2.1	
1-FW-27	1635	102	6	23	F-P			C-G	C2.1	
1-FW-30	1635	102	6	01S	C-TE			C-G	C2.1	
1-FW-30	1635	102	6	02S	TE-P			C-G	C2.1	
1-FW-30	1635	102	---		H	1-GFW-R822		C-E-2	C2.6	
1-FW-30	1635	102	6	03S	P-TE			C-G	C2.1	
1-FW-30	1635	102	6	04S	TE-P			C-G	C2.1	
1-FW-30	1635	102	6	05S	P-EL			C-G	C2.1	
1-FW-30	1635	102	---		H	1-GFW-R821		C-E-2	C2.6	
1-FW-30	1635	102	6	07F	P-P			C-G	C2.1	
1-FW-30	1635	102	6	08S	P-EL			C-G	C2.1	
1-FW-30	1635	102	6	09S	EL-P			C-G	C2.1	
1-FW-30	1635	102	---		H	1-GFW-L823		C-E-1,2	C2.5,6	
1-FW-30	1635	102	6	10F	P-EL			C-G	C2.1	
1-FW-30	1635	102	6	11S	EL-P			C-G	C2.1	
1-FW-30	1635	102	6	12S	P-EL			C-G	C2.1	
1-FW-30	1635	102	6	13S	EL-P			C-G	C2.1	
1-FW-30	1635	102	6	14S	P-EL			C-G	C2.1	
1-FW-30	1635	102	6	15S	EL-P			C-G	C2.1	
1-FW-30	1635	102	6	16S	P-EL			C-G	C2.1	
1-FW-30	1635	102	6	17F	EL-P			C-G	C2.1	
1-FW-30	1635	102	0.75	18F	P-P		d			
1-FW-30	1635	102	0.75	19F	P-P		d			
1-FW-30	1635	102	0.75	20F	P-P		d			
1-FW-30	1635	102	0.75	21S	P-EL		d			
1-FW-30	1635	102	0.75	22S	EL-P		d			
1-FW-30	1635	102	0.75	23F	P-P		d			
1-FW-30	1635	102	0.75	24S	P-EL		d			
1-FW-30	1635	102	0.75	25S	EL-P		d			
1-FW-30	1635	102	6	26	P-F			C-G	C2.1	
1-FW-30	1635	102	6	27	F-P			C-G	C2.1	
1-FW-31	1635	102	6	01S	C-TE			C-G	C2.1	
1-FW-31	1635	102	6	02S	TE-P			C-G	C2.1	

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Feedwater Class 2 Flow Diagram No. 5106 Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG.	IWC2600	REMARKS
1-FW-31	1635	102	--		H	1-GFW-R824		C-E-2	C2.6	
1-FW-31	1635	102	6	03S	P-TE			C-G	C2.1	
1-FW-31	1635	102	6	04S	TE-P			C-G	C2.1	
1-FW-31	1635	102	--		H	1-GFW-L825		C-E-2	C2.6	
1-FW-31	1635	102	6	05E	P-P			C-G	C2.1	
1-FW-31	1635	102	6	06S	P-EL			C-G	C2.1	
1-FW-31	1635	102	6	07S	EL-P			C-G	C2.1	
1-FW-31	1635	102	--		H	1-GFW-L826		C-E-1,2	C2.5,6	
1-FW-31	1635	102	6	08F	P-EL			C-G	C2.1	
1-FW-31	1635	102	6	09S	EL-P			C-G	C2.1	
1-FW-31	1635	102	6	10S	P-EL			C-G	C2.1	
1-FW-31	1635	102	6	11S	EL-P			C-G	C2.1	
1-FW-31	1635	102	6	12S	P-EL			C-G	C2.1	
1-FW-31	1635	102	6	13S	EL-P			C-G	C2.1	
1-FW-31	1635	102	6	14F	P-N			C-G	C2.1	
1-FW-31	1635	102	0.75	15F	P-P		d			
1-FW-31	1635	102	0.75	16F	P-P		d			
1-FW-31	1635	102	0.75	17F	P-P		d			
1-FW-31	1635	102	0.75	18S	P-EL		d			
1-FW-31	1635	102	0.75	19S	EL-P		d			
1-FW-31	1635	102	0.75	20F	P-P		d			
1-FW-31	1635	102	0.75	21S	P-EL		d			
1-FW-31	1635	102	0.75	22S	EL-P		d			
1-FW-31	1635	102	6	23	P-F			C-G	C2.1	
1-FW-31	1635	102	6	24	F-P			C-G	C2.1	

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Emergency Core Cooling (RHR) Class 2 Flow Diagram No. 5143 Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
0-RH-500	30	190	0.75	ALL		ALL	d		
0-RH-501	30	190	0.75	ALL		ALL	d		
1-DR-729	35	120	2	ALL		ALL	d		
1-DR-730	35	120	2	ALL		ALL	d		
1-N-537	700	120	1	ALL		ALL	d		
1-N-540	700	AMB	1	ALL		ALL	d		Valve GRV-313 to valve N-176
1-RH-12	600	350	3	ALL		ALL	d		
1-RH-13	600	350	3	ALL		ALL	d		
1-RH-508	600	350	2	ALL		ALL	d		
1-RH-509	600	350	2	ALL		ALL	d		
1-RH-510	600	350	0 75	ALL		ALL	d		
1-RH-511	600	350	0.75	ALL		ALL	d		
1-SI-19	2485	650	4	ALL		ALL	d		Fr SI pumps to SI-152N
1-SI-2	30	190	14	ALL		ALL	a		Fr sump to valve RH-104W
1-SI-28	700	120	10	1	N-P		C-G	C2.1	
1-SI-28	700	120	10	2	P-EL		C-G	C2.1	
1-SI-28	700	120	10	3	EL-P		C-G	C2.1	
1-SI-28	700	120	10	4	P-EL		C-G	C2.1	
1-SI-28	700	120	10	5	EL-P		C-G	C2.1	
1-SI-28	700	120	10	6	P-EL		C-G	C2.1	
1-SI-28	700	120	-		H	GSI-R551	C-E-1	C2.5	
1-SI-28	700	120	10	7	EL-P		C-E-1	C2.5	
1-SI-28	700	120	10	8	P-V		C-G	C2.1	
1-SI-28	700	120	10	9	V-EL		C-G	C2.1	R2
1-SI-28	700	120	10	10	EL-V		C-G	C2.1	
1-SI-3	30	190	14	ALL		ALL	a		Fr sump to valve RH-104E
1-SI-30	700	120	10	1	N-P		C-G	C2.1	
1-SI-30	700	120	10	2	P-EL		C-G	C2.1	
1-SI-30	700	120	10	3	EL-P		C-G	C2.1	
1-SI-30	700	120	10	5	EL-P		C-G	C2.1	
1-SI-30	700	120	-		H	GSI-544	C-E-1	C2.5	
1-SI-30	700	120	10	8	V-P		C-G	C2.1	
1-SI-30	700	120	10	9	P-FL		C-G	C2.1	
1-SI-30	700	120	10	10	EL-V		C-G	C2.1	

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE J - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Emergency Core Cooling (RHR) Class 2 Flow Diagram No. 5143 Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
1-SI-32	700	120	10	1	N-P		C-G	C2.1	
1-SI-32	700	120	10	2	P-EL		C-G	C2.1	
1-SI-32	700	120	10	3	EL-P		C-G	C2.1	
1-SI-32	700	120	10	5	EL-P		C-G	C2.1	
1-SI-32	700	120	10	6	P-P		C-G	C2.1	
1-SI-32	700	120	10	7	P-EL		C-G	C2.1	
1-SI-32	700	120	10	9	P-V		C-G	C2.1	
1-SI-32	700	120	10	11	EL-V		C-G	C2.1	
1-SI-34	700	120	10	1	N-P		C-G	C2.1	R2
1-SI-34	700	120	10	2	P-EL		C-G	C2.1	
1-SI-34	700	120	10	3	EL-P		C-2	C2.1	
1-SI-34	700	120	10	5	EL-P		C-G	C2.1	
1-SI-34	700	120	10	6	P-P		C-G	C2.1	
1-SI-34	700	120	10	7	P-EL		C-G	C2.1	
1-SI-34	700	120	10		H	GSI-R548	C-G	C2.1	
1-SI-34	700	120	10	9	V-P		C-E-1	C2.5	
1-SI-34	700	120	10	10	P-EL		C-G	C2.1	
1-SI-34	700	120	10	11	EL-V		C-G	C2.1	
1-SI-507	1750	200	0.75	ALL		ALL	d		Fr weld inside cont to SI-194
1-SI-537	700	120	1	ALL		ALL	d		
1-SI-547	1750	650	0.75	ALL		ALL	d		
1-SI-550	700	120	1	ALL		ALL	d		
1-SI-551	700	120	1	ALL		ALL	d		
1-SI-552	700	120	1	ALL		ALL	d		
1-SI-553	700	120	1	ALL		ALL	d		
1-SI-74	2485	650	4	ALL		ALL	d		Fr SI pumps to SI-152S
1-SM-500	700	120	0.75	ALL		ALL	d		To SI-163
1-SM-501	700	120	0.75	ALL		ALL	d		To SI-163
1-SM-502	700	200	0.75	ALL		ALL	d		To SI-163
1-SM-503	700	120	0.75	ALL		ALL	d		To SI-163
1-SM-535	600	350	0.75	ALL		ALL	d		

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Containment Spray Class 2 Flow Diagram No. 5144 Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
1-CTS-19	95	200	6	ALL		ALL	a		To Ring Headers
1-CTS-20	95	200	6	ALL		ALL	a		To Ring Headers
1-CTS-21	95	200	8	ALL		ALL	a		To Ring Headers
1-CTS-22	95	200	8	ALL		ALL	a		To Ring Headers
1-CTS-23	95	200	8	ALL		ALL	a		To Ring Headers
1-CTS-24	95	200	8	ALL		ALL	a		To Ring Headers
1-CTS-31	95	200	6	ALL		ALL	a		To Ring Headers
1-CTS-32	95	200	6	ALL		ALL	a		To Ring Headers
1-CTS-33	95	200	6	ALL		ALL	a		To Ring Headers
1-CTS-34	95	200	6	ALL		ALL	a		To Ring Headers
1-CTS-35	95	200	4	ALL		ALL	a		To Ring Headers
1-CTS-36	95	200	4	ALL		ALL	a		To Ring Headers
1-CTS-37	95	200	4	ALL		ALL	a		To Ring Headers
1-CTS-38	95	200	4	ALL		ALL	a		To Ring Headers
1-CTS-39	95	200	6	ALL		ALL	a		To Ring Headers
1-CTS-40	95	200	6	ALL		ALL	a		To Ring Headers
1-CTS-41	95	200	6	ALL		ALL	a		To Ring Headers
1-CTS-42	95	200	6	ALL		ALL	a		To Ring Headers
1-CTS-43	95	200	3	ALL		ALL	a		To Ring Headers
1-CTS-44	95	200	3	ALL		ALL	a		To Ring Headers
1-CTS-45	95	200	8	ALL		ALL	a		To Ring Headers
1-CTS-46	95	200	8	ALL		ALL	a		To Ring Headers
1-CTS-47	95	200	6	ALL		ALL	a		To Ring Headers
1-CTS-48	95	200	6	ALL		ALL	a		To Ring Headers
1-CTS-49	95	200	6	ALL		ALL	a		To Ring Headers
1-CTS-50	95	200	6	ALL		ALL	a		To Ring Headers
1-CTS-504	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-505	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-506	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-507	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-508	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-509	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-510	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-511	95	200	2	ALL		ALL	a		Cont. Spray Ring Header

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Containment Spray Class 2 Flow Diagram No. 5144 Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
1-CTS-512	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-513	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-514	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-515	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-516	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-517	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-518	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-521	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-522	95	200	2	ALL		ALL	a		Cont. Spray Ring Hader
1-CTS-523	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-524	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-525	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-526	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-527	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-528	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-529	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-530	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-531	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-532	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-533	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-534	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-535	95	200	2	ALL		ALL	a		Cont. Spray Ring Header
1-CTS-536	400	200	2	ALL		ALL	d		
1-CTS-537	400	200	2	ALL		ALL	d		
1-CTS-7	400	200	3	ALL		ALL	d		
1-RH-5	95	200	8	ALL		ALL	a		Downstrm of IMO-331
1-RH-6	95	200	8	ALL		ALL	a		Downstrm of IMO-330
1-SF-27	30	100	3	ALL		ALL	d		
1-SF-500	30	100	2	ALL		ALL	d		
1-SI-1	30	100	24	ALL		ALL	a		
1-SI-2	30	190	12	ALL		ALL	a		Recirc su Hd to CTS pu
1-SI-3	30	190	12	ALL		ALL	a		Recirc su Hd to CTS pu R2
1-SI-47	30	100	24	ALL		ALL	a		
1-SI-509	400	200	2	ALL		ALL	d		

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

System Containment Spray Class 2 Flow Diagram No. 5144. Rev.2 11/1/82

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
1-SI-510	400	200	2	ALL		ALL	d		

ATTACHMENT NO. 2 TO AEP:NRC:0070H
(Revised Pages to Table 2 of Attachment D to AEP:NRC:0070G)

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 2 - COMPONENTS AND WELDS FOR WHICH CODE RELIEF IS REQUESTED

System Main Steam | Class 2 | Flow Diagram No. 5105 | Rev.2 11/1/82

ISO	SYSTEM FUNCTION	SIZE	WELD	COMP	COMP #	IWC2520	RELIEF	ALT	REMARKS	
1-MS-1	MS fr SG to stop valves	30	10F	P-PN	CPN-2	C-G	3	NNN	Covered by restraint	
1-MS-1	MS fr SG to stop valves	30	12F	PN	CPN-2	C-G	3	NNN	Within sleeve on pen	
1-MS-10	MS fr SG to stop valves	30	09F	P-PN	CPN-4	C-G	3	NNN	Covered by restraint	
1-MS-10	MS fr SG to stop valves	30	11	PN	CPN-4	C-G	3	NNN	Within sleeve on pen	
1-MS-11	MS fr SG to stop valves	6	23	B-SA		C-G	2A	SUR	Vol impractical	
1-MS-11	MS fr SG to stop valves	6	24	P-SA	SADDLE	C-G	2A	SUR	Fillet	
1-MS-11	MS fr SG to stop valves	6	25	P-B		C-G	3	NNN	Weld covered by sad	
1-MS-11	MS fr SG to stop valves	6	27	B-SA		C-G	2A	SUR	Vol impractical	
1-MS-11	MS fr SG to stop valves	6	28	P-SA	SADDLE	C-G	2A	SUR	Fillet	
1-MS-11	MS fr SG to stop valves	6	29	B-SA		C-G	2A	SUR	Vol impractical	
1-MS-11	MS fr SG to stop valves	6	30	P-SA	SADDLE	C-G	2A	SUR	Fillet	R2
1-MS-11	MS fr SG to stop valves	6	31	P-B		C-G	3	NNN	Weld covered by sad	
1-MS-11	MS fr SG to stop valves	6	32	B-SA		C-G	2A	SUR	Vol impractical	
1-MS-11	MS fr SG to stop valves	6	33	P-SA	SADDLE	C-G	2A	SUR	Fillet	
1-MS-11	MS fr SG to stop valves	6	34	P-B		C-G	3	NNN	Weld covered by sad	
1-MS-11	MS fr SG to stop valves	6	35	B-SA		C-G	2A	SUR	Vol impractical	
1-MS-11	MS fr SG to stop valves	6	36	P-SA	SADDLE	C-G	2A	SUR	Fillet	
1-MS-11	MS fr SG to stop valves	6	37	P-B		C-G	3	NNN	Weld covered by sad	
1-MS-11	MS fr SG to stop valves	6	38	B-SA		C-G	2A	SUR	Vol impractical	
1-MS-11	MS fr SG to stop valves	6	39	P-SA	SADDLE	C-G	2A	SUR	Fillet	
1-MS-11	MS fr SG to stop valves	6	40	P-B		C-G	3	NNN	Weld covered by sad	
1-MS-11	MS fr SG to stop valves	6	41	P-B		C-G	3	NNN	Weld covered by sad	
1-MS-14	MS fr SG to stop valves	30	09F	P-PN	CPN-5	C-G	3	NNN	Covered by restraint	
1-MS-14	MS fr SG to stop valves	30	11F	PN	CPN-5	C-G	3	NNN	Within sleeve on pen	
1-MS-15	MS fr SG to stop valves	6	24	B-SA		C-G	2A	SUR	Vol impractical	
1-MS-15	MS fr SG to stop valves	6	25	P-SA	SADDLE	C-G	2A	SUR	Fillet	
1-MS-15	MS fr SG to stop valves	6	26	P-B		C-G	3	NNN	Weld covered by sad	
1-MS-15	MS fr SG to stop valves	6	27	B-SA		C-G	2A	SUR	Vol impractical	R2
1-MS-15	MS fr SG to stop valves	6	28	P-SA	SADDLE	C-G	2A	SUR	Fillet	
1-MS-15	MS fr SG to stop valves	6	29	P-B		C-G	3	NNN	Weld covered by sad	
1-MS-15	MS fr SG to stop valves	6	30	B-SA		C-G	2A	SUR	Vol impractical	
1-MS-15	MS fr SG to stop valves	6	31	P-SA	SADDLE	C-G	2A	SUR	Fillet	
1-MS-15	MS fr SG to stop valves	6	32	P-B		C-G	3	NNN	Weld covered by sad	
1-MS-15	MS fr SG to stop valves	6	33	B-SA		C-G	2A	SUR	Vol impractical	

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 2 - COMPONENTS AND WELDS FOR WHICH CODE RELIEF IS REQUESTED

System Main Steam | Class 2 | Flow Diagram No. 5105 | Rev.2 11/1/82

ISO	SYSTEM FUNCTION	SIZE	WELD	COMP	COMP #	IWC2520	RELIEF	ALT	REMARKS
1-MS-15	MS fr SG to stop valves	6	34	P-SA	SADDLE	C-G	2A	SUR	Fillet
1-MS-15	MS fr SG to stop valves	6	35	P-B		C-G	3	NNN	Weld covered by sad
1-MS-15	MS fr SG to stop valves	6	36	B-SA		C-G	2A	SUR	Vol impractical
1-MS-15	MS fr SG to stop valves	6	37	P-SA	SADDLE	C-G	2A	SUR	Fillet
1-MS-15	MS fr SG to stop valves	6	38	P-B		C-G	3	NNN	Weld covered by sad
1-MS-15	MS fr SG to stop valves	6	39	B-SA		C-G	2A	SUR	Vol impractical
1-MS-15	MS fr SG to stop valves	6	40	P-SA	SADDLE	C-G	2A	SUR	Fillet
1-MS-15	MS fr SG to stop valves	6	41	P-B		C-G	3	NNN	Weld covered by sad
1-MS-2	MS fr SG to stop valves	6	23	B-SA		C-G	2A	SUR	Vol impractical
1-MS-2	MS fr SG to stop valves	6	24	P-SA	SADDLE	C-G	2A	SUR	Fillet
1-MS-2	MS fr SG to stop valves	6	26	B-SA		C-G	2A	SUR	Vol impractical
1-MS-2	MS fr SG to stop valves	6	27	P-SA	SADDLE	C-G	2A	SUR	Fillet
1-MS-2	MS fr SG to stop valves	6	28	P-B		C-G	3	NNN	Weld covered by sad
1-MS-2	MS fr SG to stop valves	6	29	B-SA		C-G	2A	SUR	Vol impractical
1-MS-2	MS fr SG to stop valves	6	30	P-SA	SADDLE	C-G	2A	SUR	Fillet
1-MS-2	MS fr SG to stop valves	6	31	P-B		C-G	3	NNN	Weld covered by sad
1-MS-2	MS fr SG to stop valves	6	32	B-SA		C-G	2A	SUR	Vol impractical
1-MS-2	MS fr SG to stop valves	6	33	P-SA	SADDLE	C-G	2A	SUR	Fillet
1-MS-2	MS fr SG to stop valves	6	34	P-B		C-G	3	NNN	Weld covered by sad
1-MS-2	MS fr SG to stop valves	6	35	B-SA		C-G	2A	SUR	Vol impractical
1-MS-2	MS fr SG to stop valves	6	36	P-SA	SADDLE	C-G	2A	SUR	Fillet
1-MS-2	MS fr SG to stop valves	6	37	P-B		C-G	3	NNN	Weld covered by sad
1-MS-2	MS fr SG to stop valves	6	38	B-SA		C-G	2A	SUR	Vol impractical
1-MS-2	MS fr SG to stop valves	6	39	P-SA	SADDLE	C-G	2A	SUR	Fillet
1-MS-2	MS fr SG to stop valves	6	40	P-B		C-G	3	NNN	Weld covered by sad
1-MS-2	MS fr SG to stop valves	6	25	P-B		C-G	3	NNN	Weld covered by sad
1-MS-6	MS fr SG to stop valves	30	10F	P-PN	CPN-3	C-G	3	NNN	Covered by restraint
1-MS-6	MS fr SG to stop valves	30	12S	PN	CPN-3	C-G	3	NNN	Within sleeve on pen | R2
1-MS-7	MS fr SG to stop valves	6	23	P-SA	SADDLE	C-G	2A	SUR	Fillet
1-MS-7	MS fr SG to stop valves	6	22	B-SA		C-G	2A	SUR	Vol impractical
1-MS-7	MS fr SG to stop valves	6	25	B-SA		C-G	2A	SUR	Vol impractical
1-MS-7	MS fr SG to stop valves	6	26	P-SA	SADDLE	C-G	2A	SUR	Fillet
1-MS-7	MS fr SG to stop valves	6	27	P-B		C-G	3	NNN	Weld covered by sad
1-MS-7	MS fr SG to stop valves	6	28	B-SA		C-G	2A	SUR	Vol impractical

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 2 - COMPONENTS AND WELDS FOR WHICH CODE RELIEF IS REQUESTED

System Main Steam Class 2 Flow Diagram No. 5105 Rev.2 11/1/92

ISO	SYSTEM FUNCTION	SIZE	WELD	COMP	COMP #	IWC2520	RELIEF	ALT	REMARKS
1-MS-7	MS fr SG to stop valves	6	29	P-SA SADDLE	C-6	2A	SUR		Fillet
1-MS-7	MS fr SG to stop valves	6	30	P-B	C-G	3	NNN		Weld covered by sad
1-MS-7	MS fr SG to stop valves	6	31	B-SA	C-G	2A	SUR		Vol Impractical
1-MS-7	MS fr SG to stop valves	6	32	P-SA SADDLE	C-G	2A	SUR		Fillet
1-MS-7	MS fr SG to stop valves	6	33	P-B	C-G	3	NNN		Weld covered by sad
1-MS-7	MS fr SG to stop valves	6	34	B-SA	C-G	2A	SUR		Vol impractical
1-MS-7	MS fr SG to stop valves	6	35	P-SA SADDLE	C-G	2A	SUR		Fillet
1-MS-7	MS fr SG to stop valves	6	36	P-B	C-G	3	NNN		Weld covered by sad
1-MS-7	MS fr SG to stop valves	6	37	B-SA	C-G	2A	SUR		Vol impractical
1-MS-7	MS fr SG to stop valves	6	38	P-SA SADDLE	C-G	2A	SUR		Fillet
1-MS-7	MS fr SG to stop valves	6	39	P-B	C-G	3	NNN		Weld covered by sad
1-MS-7	MS fr SG to stop valves	6	40	P-B	C-G	3	NNN		Weld covered by sad

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 2 COMPONENTS AND WELDS FOR WHICH CODE RELIEF IS REQUESTED

System Feedwater Class 2 Flow Diagram No. 5106 Rev.2 11/1/82

ISO	SYSTEM FUNCTION	SIZE	WELD	COMP	COMP #	IWC2520	RELIEF	ALT	REMARKS
1-FW-10	Aux feed pumps disc to SG	6	45	P-SA	SADDLE	C-G	2A	SUR	Fillet
1-FW-10	Aux feed pumps disc to SG	6	44	P-B		C-G	3	NNN	Weld covered by sad
1-FW-10	Aux feed pumps disc to SG	6	46	B-SA		C-G	2A	SUR	Vol impractical
1-FW-10	Block valve to CPN	14	19F	P-V	FW-118-3	C-G	1	-	Possible Access restricti[redacted] *
1-FW-11	FW fr isolation check valves to SG	14	01	PN	CPN-9	C-G	3	NNN	Within sleeve on pen
1-FW-12	Aux feed pumps disc to SG	6	39	P-B		C-G	3	NNN	Weld covered by sad
1-FW-12	Aux feed pumps disc to SG	6	40	P-SA	SADDLE	C-G	2A	SUR	Fillet
1-FW-12	Aux feed pumps disc to SG	6	41	B-SA		C-G	2A	SUR	Vol impractical
1-FW-12	Block valve to CPN	14	16F	P-V	FW-118-2	C-G	1		Possible access restriction *
1-FW-13	FW fr isolation check valves to SG	14	01	PN	CPN-8	C-G	3	NNN	Within sleeve on pen
1-FW-15	Aux feed pumps disc to SG	6	39	P-B		C-G	3	NNN	Weld covered by sad
1-FW-15	Aux feed pumps disc to SG	6	40	P-SA	SADDLE	C-G	2A	SUR	Fillet
1-FW-15	Aux feed pumps disc to SG	6	41	B-SA		C-G	2A	SUR	Vol impractical
1-FW-15	Block valve to CPN	14	11F	P-V	FW-118-1	C-G	1		Possible access restriction *
1-FW-16	FW fr isolation check valves to SG	14	01	PN	CPN-7	C-G	3	NNN	Within sleeve on pen
1-FW-17	Aux feed pumps disc to SG	6	44	P-B		C-G	3	NNN	Weld covered by sad
1-FW-17	Aux feed pumps disc to SG	6	45	P-SA	SADDLE	C-G	2A	SUR	Fillet
1-FW-17	Aux feed pumps disc to SG	6	46	B-SA		C-G	2A	SUR	Vol impractical
1-FW-17	Block valve to CPN	14	13F	P-V	FW-118-4	C-G	1		Possible access restriction *
1-FW-18	FW fr isolation check valves to SG	14	01F	PN	CPN-10	C-G	3	NNN	Within sleeve on pen

*R2

TABLE 2 - COMPONENTS AND WELDS FOR WHICH CODE RELIEF IS REQUESTED

System Emergency Core Cooling (RHR) Class 2 Flow Diagram No. 5143 Rev.2 11/1/82

ISO	SYSTEM FUNCTION	SIZE	WELD	COMP	COMP #	IWC2520	RELIEF	ALT	REMARKS
1-RH-1	RHR fr RHR pump disc to RHR HX	8	ALL		ALL	C-G	4	VIS	
1-RH-10	RHR fr RHR HX to charg pump suction	8	ALL		ALL	C-G	4	VIS	
1-RH-11	RHR fr RHR HX to valve ICM-111	8	ALL		ALL	C-G	4	VIS	
1-RH-2	RHR fr RHR pump disc to RHR HX	8	ALL		ALL	C-G	4	VIS	
1-RH-27	RHR fr ICM-311 & 312 to RC system	12	ALL		ALL	C-G	4	VIS	
1-RH-28	RHR fr ICM-129 to RHR pumps	14	ALL		ALL	C-G	4	VIS	
1-RH-3	RHR fr RHR HX to valves ICM-311 & ICM-321	8	ALL		ALL	C-G	4	VIS	
1-RH-30	RHR fr ICM-311 & 312 to RC system	12	ALL		ALL	C-G	4	VIS	
1-RH-4	RHR fr RHR HX to valve ICM-111	12	ALL		ALL	C-G	4	VIS	
1-RH-5	RHR fr RHR HX to SI pump sunction	14	ALL		ALL	C-G	4	VIS	
1-RH-6	RHR fr RHR HX to SI pump suction	14	ALL		ALL	C-G	4	VIS	
1-RH-7	RHR fr RHR HX to valves ICM-311 & ICM-321	8	ALL		ALL	C-G	4	VIS	
1-RH-8	RHR fr RHR HX to valves ICM-311 & ICM-321	8	ALL		ALL	C-G	4	VIS	
1-RH-9	RHR fr RHR HX to charg pump suction	8	ALL		ALL	C-G	4	VIS	
1-SI-2	RHR fr RH-104W to RHR pump	14	ALL		ALL	C-G	4	VIS	
1-SI-20	RHR fr ICM-311 & 312 to RC system	8	ALL		ALL	C-G	4	VIS	
1-SI-24	RHR fr ICM-311 & 312 to RC system	8	ALL		ALL	C-G	4	VIS	
1-SI-25	RHR fr ICM-311 & 312 to RC system	8	ALL		ALL	C-G	4	VIS	
1-SI-3	RHR fr RH-104E to RHR pump	14	ALL		ALL	C-G	4	VIS	
1-SI-30	Accumulator to check valve	10	4	P-EL		C-G	1	-	Possible Access Restriction
1-SI-30	Accumulator to check valve	10	6	P-EL		C-G	1	-	Possible access restriction
1-SI-30	Accumulator to check valve	10	7	EL-V		C-G	1	-	Possible access restriction
1-SI-32	Accumulator to check valve	10	4	P-EL		C-G	1	-	Possible access restriction
1-SI-32	Accumulator to check valve	-		H	GSI-R547	C-E-1	1	-	Possible access restriction
1-SI-32	Accumulator to check valve	10	8	EL-P		C-G	1	-	Possible access restriction
1-SI-32	Accumulator to check valve	10	10	V-EL		C-G	1	-	Possible access restriction
1-SI-34	Accumulator to check valve	10	4	P-EL		C-G	1	-	Possible access restriction
1-SI-34	Accumulator to check valve	10	8	EL-V		C-G	1	-	Possible access restriction
1-SI-4	RHR fr ICM-129 to RHR pumps	14	ALL		ALL	C-G	4	VIS	
1-SI-68	RHR fr ICM-311 & 312 to RC system	8	ALL		ALL	C-G	4	VIS	
1-SI-69	RHR fr ICM-311 & 312 to RC system	6	ALL		ALL	C-G	4	VIS	
1-SI-70	RHR fr ICM-311 & 312 to RC system	6	ALL		ALL	C-G	4	VIS	
1-SI-71	RHR fr ICM-311 & 312 to RC system	8	ALL		ALL	C-G	4	VIS	

D. C. COOK NUCLEAR PLANT, UNIT 1

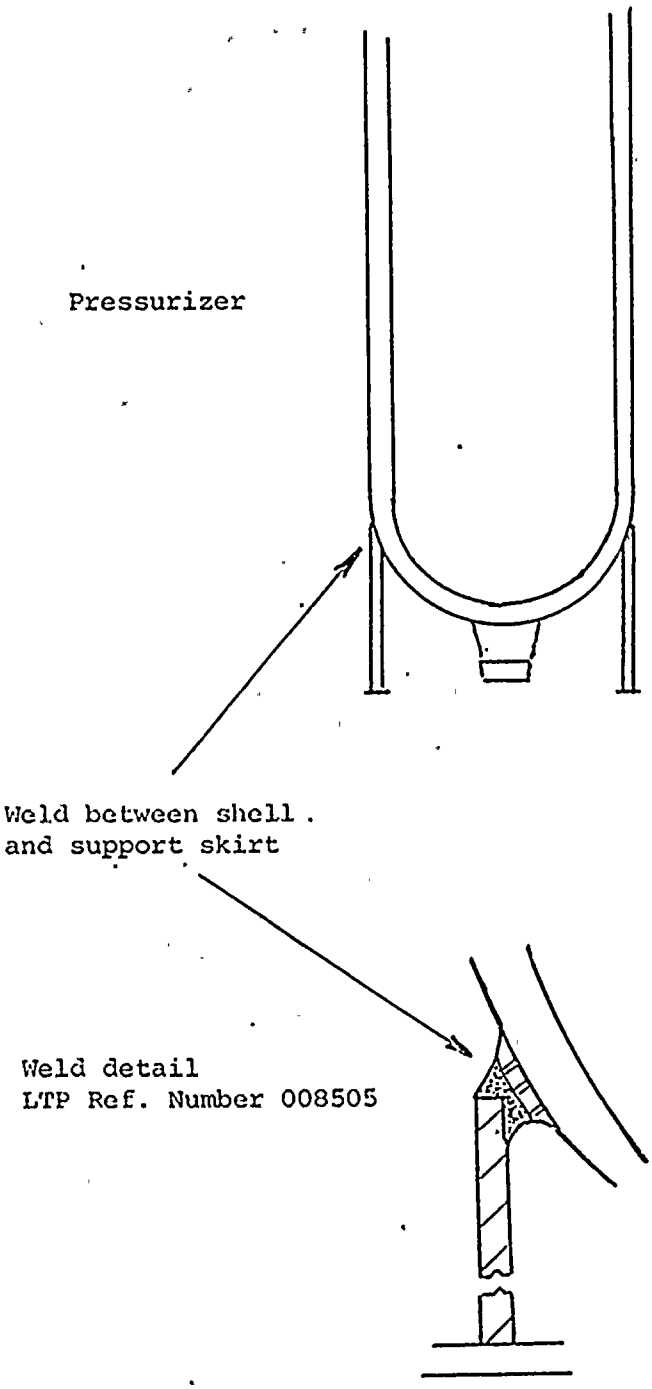
TABLE 2 - COMPONENTS AND WELDS FOR WHICH CODE RELIEF IS REQUESTED

System Containment Spray | Class 2 | Flow Diagram No. 5144 | Rev.2 11/1/82

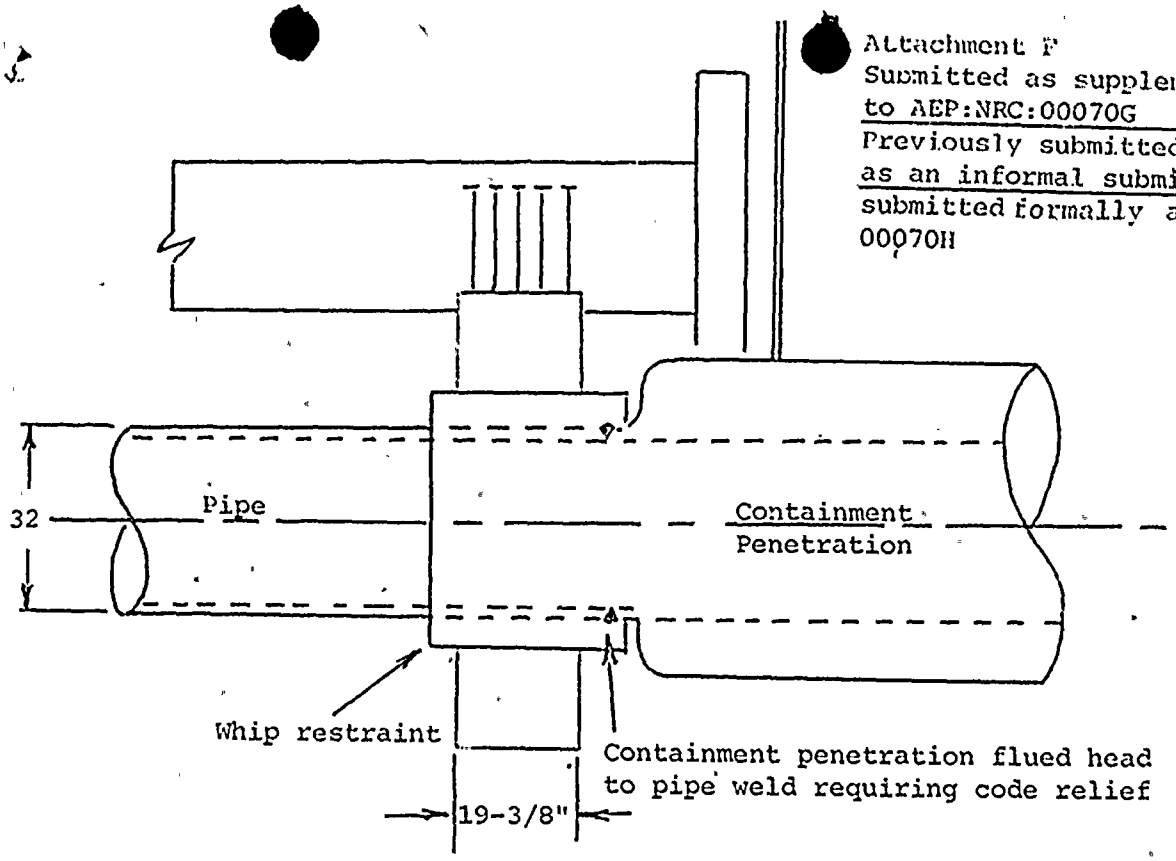
ISO	SYSTEM FUNCTION	SIZE	WELD	COMP	COMP #	IWC2520	RELIEF	ALT	REMARKS	
1-CTS-1	Disc Piping fr CTS pu to Cont. Spray HX	10	ALL	ALL		C-G	4	VIS		
1-CTS-2	Cont Spray HX to CTS 124W	10	ALL	ALL		C-G	4	VIS		
1-CTS-3	Cont Spray HX to CTS 128W	8	ALL	ALL		C-G	4	VIS		
1-CTS-4	CTS fr IMO-215 and 225 to cs pumps	10	ALL	ALL		C-G	4	VIS		
1-CTS-5	CTS fr IMO-210 211 220 221 to CTS HX	6	ALL	ALL		C-G	4	VIS		R2
1-CTS-6	CTS fr IMO-210 211 220 221 to CTS HX	8	ALL	ALL		C-G	4	VIS		

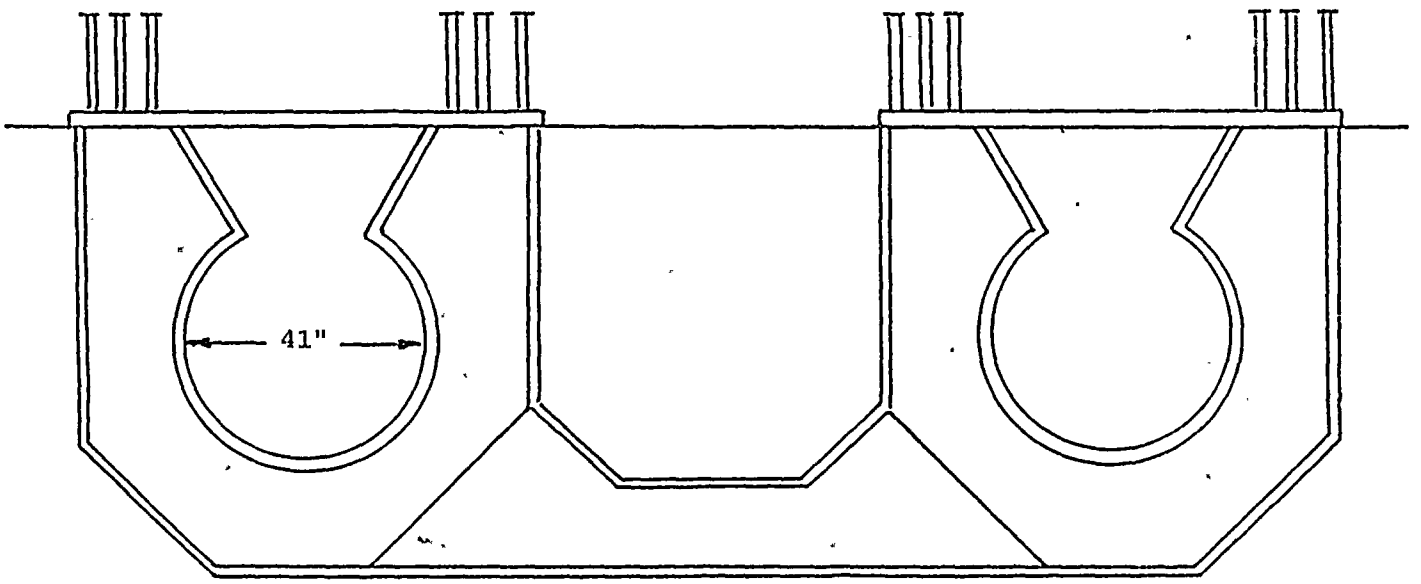
ATTACHMENT NO. 3 TO AEP:NRC:0070H

Attachment G
Submitted as supplement
to AEP:NRC:00070G
Previously submitted 9/23/82
as an informal submittal
Submitted formally as 00070H



Attachment F
Submitted as supplement
to AEP:NRC:00070G
Previously submitted 9/23/82
as an informal submittal
submitted formally as
00070H





Whip Restraint