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

SUBJECT: Provides additional information inservice insp weld program, per
 820702, 0902 & 1220 ltrs, in response to 820405 request.
 Revised Figure 3 & revised pages to Tables 1 & 2 for
 components & welds encl.

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AEP:NRC:0070I

Donald C. Cook Nuclear Plant Units 1 and 2
Docket Nos. 50-315 and 50-316
License Nos. DPR-58 and DPR-74

March 31, 1983

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:00070F dated July 2, 1982
 2. Letter AEP:NRC:00070G dated September 2, 1982
 3. Letter AEP:NRC:00070H dated December 20, 1982

Dear Mr. Denton:

This letter and its Attachments provide additional information on the Inservice Inspection Weld Program for Units 1 and 2 of the Donald C. Cook Nuclear Plant. We committed to provide this information in Reference 1. The submittal for Unit 2 provides information similar to information provided in Reference 3 for Unit 1. The five attachments are identified as Attachments A (Fig. 3 only), B, C, D and E for continuity with the previous submittals of Tables 1 and 2 in Reference 2.

Attachment A contains a revised Figure 3. This figure has been revised by the addition of "EX-1", designating a code relief category; this figure is now identified as Rev. 1, 2/1/83 and replaces the original figure submitted with Reference 2.

Attachment C contains revised pages to Table 1 Unit 2, for Class 2 components and welds in accordance with code requirements. Attachment E contains revised pages to Table 2, Unit 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. 2 during the recent refueling outage, and also a number of minor corrections.

The information that is being revised for Unit 2 is the result of the review of welds having access restrictions detailed originally in the 1978 submittal of Tables 1 and 2 and that was resubmitted as 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 November 1982 - January 1983 refueling outage, it

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was determined that four welds from the 1978 weld list and two welds in the ECC system 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 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.

A review of the Unit 2 tables (similar to the review done for Unit 1 discussed in Reference 3), 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) 2-SI-7 and 2-SI-8 and the corrections have been identified on Tables 1 and 2.

A description of the Unit 2 revised pages for Tables 1 (Attachment C) and 2 (Attachment E) are as follows:

Unit 2 - Table 1

<u>Flow Diagram No.</u>	<u>Pages</u>	<u>Changes</u>
5105	C-3, C-4, C-6, C-8	Typographical corrections.
5105	C-4, C-6, C-8	Addition of pipe to branch welds. Exempted from examination by IWC-1220(d).
5105	C-7	Restraint added.
5106	C-11, C-12, C-14, C-15	Transferred four welds with possible restricted access to Table 2.
5106	C-12, C-13 C-16, C-17, C-18, C-19	Typographical corrections.
5106	C-14	Addition of weld.
5129	C-29	Addition of lines. Exempted from examination by IWC-1220(d).
5129A	C-30	Addition of lines. Exempted from examination by IWC-1220(d).

Unit 2 - Table 1 (cont'd.)

<u>Flow Diagram No.</u>	<u>Pages</u>	<u>Changes</u>
5136	C-33	Typographical corrections.
5143	C-39, C-40	Addition of lines previously exempted by WC-1220(c).
5143	C-40	Correction of temperature and pressure for sections of 2-SI-7 and 2-SI-8.
5144	C-42	Correction of temperature and pressure for sections of 2-SI-7 and 2-SI-8.

Unit 2 - Table 2

5105	E-1	Addition of weld.
5106	E-4	Typographical correction.
5106	E-4	Welds transferred from Table 1. Possible restricted access.
5143	E-6	Addition of lines previously exempted by IWC-1220(c). Possible restricted access.
5143	E-6	Addition of sections of 1-SI-7 and 1-SI-8 for code relief.

Attachments B and D contain a number of minor additions or corrections that have been made to Tables 1 and 2 of Unit 1 as noted below.

Unit 1 - Table 1

5106	B11, B-12, B-13 B-14, B-15, B-16, B-17, B-18.	Typographical corrections.
5129	B-29	Addition of lines. Exempted from examination by IWC-1220(d).

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Unit 1 - Table 1 (cont'd.)

<u>Flow Diagram No.</u>	<u>Pages</u>	<u>Changes</u>
5129A	B-30	Addition of lines. Exempted from examination by IWC-1220(d).

Unit 1 - Table 2


<u>Flow Diagram No.</u>	<u>Pages</u>	<u>Changes</u>
5106	D-4	Typographical corrections.

Tables 1 and 2, for both Units, have been reprinted in their entirety. They are identified as "Rev. 3, 2/1/83" for Unit 1 and as "Rev. 4, 2/1/83" for Unit 2, and should be substituted for the tables previously submitted as Attachments B, C, D and E to References 2 and 3.

This submittal completes the information requested by the NRC in Mr. Varga's letter of April 5, 1982.

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

RFH:tk

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

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FIGURE 3

LEGEND FOR COLUMN "RELIEF" OF TABLE 2 IDENTIFYING EXAMINATIONS
FOR WHICH CODE RELIEF IS BEING REQUESTED

EX 1	Possible access restriction due to proximity of other components.
EX 2A	Configuration does not permit volumetric examination. Alternate is surface examination. See Sketch A.
EX 3	Examination not possible due to physical inaccessibility. See Sketch A and B.
EX 4	Due to NRC criteria, Standard Review Plan, MEB 3-1, paragraph B.2.e, footnote 6, (page 3.6.2-14). System qualifies as a moderate energy fluid system, since the time that it operates as a high-energy fluid system is about 2% of the time that it operates as a moderate- energy fluid system.



ATTACHMENT B TO AEP:NRC:0070I
(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

Attachment B to
AEP:NRC:00701

System	MAIN STEAM			Class 2			Flow Diagram No. 5105			Rev. 3 2/1/83
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	---		R	MSR-1		C-E-2	C2.6	
1-MS-1	1085	570	---		R	MSR-2		C-E-2	C2.6	
1-MS-1	1085	570	---		R	MSR-3		C-E-2	C2.6	
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	---		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	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	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	30	05F	RD-P			C-G	C2.1	
1-MS-1	1085	570	30	06F	P-P			C-G	C2.1	
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			52	11S	PN	CPN-2		C-E-1	C2.5	
1-MS-1	1085	570	1.5	13F	P-P		d			
1-MS-1	1085	570	1.5	14F	P-P		d			B-1
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

Attachment B

System	MAIN STEAM		Class 2			Flow Diagram No. 5105				Rev. 3 2/1/83
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-10	1085	570	---		R	MSR-11		C-E-2	C2.6	
1-MS-10	1085	570	---		R	MSR-12		C-E-2	C2.6	
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	---		R	MSR-15		C-E-2	C2.6	
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	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	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	30	05F	RD-P			C-G	C2.1	
1-MS-10	1085	570	30	06F	P-P			C-G	C2.1	
1-MS-10	1085	570	30	07S	P-EL			C-G	C2.1	
1-MS-10	1085	570	30	08F	EL-P			C-G	C2.1	
1-MS-10			52	10S	PN	CPN-4		C-E-1	C2.5	
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

Attachment B

System	MAIN STEAM		Class 2		Flow Diagram No. 5105					Rev. 3 2/1/83
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-11	1085	570	---		R	Restraint		C-E-2	C2.6	
1-MS-11	1085	570	---		R	Restraint		C-E-2	C2.6	
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	30	01S	PN	CPN-4		C-E-1	C2.5	
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	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	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	6	26	P-P			C-G	C2.1	
1-MS-14	1085	570	---		R	MSR-16		C-E-2	C2.6	
1-MS-14	1085	570	---		R	MSR-17		C-E-2	C2.6	
1-MS-14	1085	570	---		R	MSR-18		C-E-2	C2.6	
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	---		H	MSH-4		C-E-1,2	C2.5,6	
1-MS-14	1085	570	---		H	MSS-8		C-E-1,2	C2.5,6	

B-3



D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	MAIN STEAM		Class 2		Flow Diagram No. 5105					Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
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	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	32	03S	P-EL			C-G	C2.1	
1-MS-14	1085	570	32	04S	ELRD			C-G	C2.1	
1-MS-14	1085	570	30	05F	RD-P			C-G	C2.1	
1-MS-14	1085	570	30	06F	P-P			C-G	C2.1	
1-MS-14	1085	570	30	07S	P-EL			C-G	C2.1	
1-MS-14	1085	570	30	08F	EL-P			C-G	C2.1	
1-MS-14			52	10S	PN	CPN-5		C-E-1	C2.5	
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-15	1085	570	---		S	Support		C-E-2	C2.6	Line support
1-MS-15	1085	570	---		S	Support		C-E-2	C2.6	Line support
1-MS-15	1085	570	---		R	Restraint		C-E-2	C2.6	
1-MS-15	1085	570	---		R	Restraint		C-E-2	C2.6	
1-MS-15	1085	570	30	01S	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	30	06S	P-TE			C-G	C2.1	
1-MS-15	1085	570	30	07S	TE-P			C-G	C2.1	

D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	MAIN STEAM		Class 2		Flow Diagram No. 5105		Rev. 3 2/1/83		
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
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	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	
1-MS-189	1085	570	---		H	1-GMS-V825	C-E-1,2	C2.5,6	
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	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	---		H	1-GMS-R837	C-E-1,2	C2.5,6	
1-MS-190	1085	570	---		H	1-GMS-L829	C-E-1,2	C2.5,6	
1-MS-190	1085	570	---		H	1-GMS-V828	C-E-2	C2.6	
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	
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	

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D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	MAIN STEAM		Class 2		Flow Diagram No. 5105					Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
1-MS-190	1085	570	6	05S	EL-P			C-G	C2.1	
1-MS-190	1085	570	6	06S	P-EL			C-G	C2.1	
1-MS-190	1085	570	6	07S	EL-P			C-G	C2.1	
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	--		H	1-GMS-R836		C-E-1,2	C2.5,6	
1-MS-191	1085	570	--		H	1-GMS-L832		C-E-1,2	C2.5,6	
1-MS-191	1085	570	--		H	1-GMS-V831		C-E-2	C2.6	
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	6	06S	P-EL			C-G	C2.1	
1-MS-191	1085	570	6	07S	EL-P			C-G	C2.1	
1-MS-191	1085	570	6	08S	P-EL			C-G	C2.1	
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-192	1085	570	--		H	1-GMS-V834		C-E-1,2	C2.5,6	
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	
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	6	10F	EL-V	MSR-101-4		C-G	C2.1	



D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	MAIN STEAM		Class 2		Flow Diagram No. 5105					Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
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	--		S	SUPPORT		C-E-2	C2.6	
1-MS-2	1085	570	--		S	SUPPORT		C-E-2	C2.6	
1-MS-2	1085	570	--		R	RESTRAINT		C-E-2	C2.6	
1-MS-2	1085	570	--		R	RESTRAINT		C-E-2	C2.6	
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	30	05S	P-TE			C-G	C2.1	
1-MS-2	1085	570	30	06S	TE-P			C-G	C2.1	
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	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			
1-MS-2	1085	570	6	23F	N-P			C-G	C2.1	
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	--		R	MSR-6		C-E-2	C2.6	
1-MS-6	1085	570	--		R	MSR-7		C-E-2	C2.6	
1-MS-6	1085	570	--		R	MSR-8		C-E-2	C2.6	
1-MS-6	1085	570	--		R	MSR-9		C-E-2	C2.6	

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D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	MAIN STEAM		Class 2		Flow Diagram No. 5105						Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS	
1-MS-6	1085	570	---		R	MSR-10		C-E-2	C2.6		
1-MS-6	1085	570	---		H	MSH-2		C-E-1,2	C2.5,6		
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	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	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	30	06F	RD-P			C-G	C2.1		
1-MS-6	1085	570	30	07F	P-P			C-G	C2.1		
1-MS-6	1085	570	30	08S	P-P			C-G	C2.1		
1-MS-6	1085	570	30	09F	P-P			C-G	C2.1		
1-MS-6			52	11S	PN	CPN-3		C-E-1	C2.5		
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				
1-MS-6	1085	570	0.75	25S	P-V		d				
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	B-8
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	---		R	RESTRAINT		C-E-2	C2.6		
1-MS-7	1085	570	---		R	RESTRAINT		C-E-2	C2.6		



D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	MAIN STEAM		Class 2		Flow Diagram No. 5105						Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS	
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	30	01S	PN	CPN-3		C-E-1	C2.5		
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	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	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	1	41	EL-V		d				

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	FEEDWATER		Class 2		Flow Diagram No. 5106		Rev. 3 2/1/83		
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	---		R	1-GFW-L141	C-E-1,2	C2.5,6	
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	

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	FEEDWATER		Class 2		Flow Diagram No. 5106		Rev. 3 2/1/83		
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
1-FW-10	1170	440	--		H	1-GFW-V143	C-E-2	C2.6	
1-FW-10	1170	440	---		H	1-GFW-L144	C-E-1,2	C2.5,6	
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	---		R	Restraint	C-E-2	C2.6	
1-FW-10	1170	440	14	01F	V-P	FMO-203	C-G	C2.1	
1-FW-10	1170	440	14	02S	P-EL		C-G	C2.1	
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	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	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	14	13F	P-P		C-G	C2.1	
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	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	22S	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		
1-FW-10	1170	440	0.75	29F	P-P		d		
1-FW-10	1170	440	0.75	30F	P-EL		d		

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TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	FEEDWATER		Class 2				Flow Diagram No. 5106			Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
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	--		R	1-FWR-12		C-E-2	C2.6	
1-FW-11	1085	600	--		H	1-FWS-9		C-E-2	C2.6	
1-FW-11	1085	600	--		H	1-FWH-3		C-E-2	C2.6	
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	--		R	1-FWR-10		C-E-2	C2.6	
1-FW-11	1085	600	--		R	1-FWR-9		C-E-2	C2.6	
1-FW-11			28	02S	PN	CPN-9		C-E-1	C2.5	
1-FW-11	1085	600	14	03F	PN-R	CPN-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	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	14	08F	P-EL			C-G	C2.1	
1-FW-11	1085	600	14	09S	EL-P			C-G	C2.1	
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	14	12F	P-RD			C-G	C2.1	
1-FW-11	1085	600	16	13S	RD-P			C-G	C2.1	

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TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	FEEDWATER		Class 2				Flow Diagram No. 5106		Rev. 3 2/1/83	
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
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	--		H	1-GFW-L147	C-E-1,2	C2.5,6		
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	--		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	--		H	1-GFW-V828	C-E-1,2	C2.5,6		
1-FW-12	1170	440	--		R	RESTRAINT	C-E-2	C2.6		
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	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	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	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	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	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	19S	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			
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			

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TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	FEEDWATER		Class 2		Flow Diagram No. 5106		Rev. 3 2/1/83			
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
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	--		R	1-FWR-8	C-E-2	C2.6		
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	--		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	--		R	1-FWR-5	C-E-2	C2.6		
1-FW-13			28	02S	PN	CPN-8	C-E-1	C2.5		
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	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	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	14	10S	P-EL		C-G	C2.1		
1-FW-13	1085	600	14	11F	EL-P		C-G	C2.1		
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		

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TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	FEEDWATER		Class 2			Flow Diagram No. 5106			Rev. 3 2/1/83	
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
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	--		H	1-GFW-R800	C-E-1,2	C2.5,6		
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	--		H	1-GFW-V801	C-E-2	C2.6		
1-FW-15	1170	440	--		H	1-GFW-L802	C-E-2	C2.6		
1-FW-15	1170	440	--		R	Restraint	C-E-2	C2.6		
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	14	03S	EL-P		C-G	C2.1		
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	14	06F	P-P		C-G	C2.1		
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	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	14S	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			
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			

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TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	FEEDWATER		Class 2		Flow Diagram No. 5106		Rev. 3 2/1/83		
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
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	---		R	FWR-4	C-E-2	C2.6	
1-FW-16	1085	600	---		H	FWS-3	C-E-2	C2.6	
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	
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			28	02S	PN	CPN-7	C-E-1	C2.5	
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	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	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	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	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	

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TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	FEEDWATER				Class 2		Flow Diagram No. 5106		Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
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	--		H	1-GFW-R832	C-E-1,2	C2.5,6	
1-FW-17	1170	440	--		H	1-GFW-S861	C-E-2	C2.6	
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	--		H	1-GFW-R829	C-E-2	C2.6	
1-FW-17	1170	440	--		R	Restraint	C-E-2	C2.6	
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	14	03S	EL-P		C-G	C2.1	
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	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	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	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	14	16S	PN	CPN-10	C-E-1	C2.5	IR3
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		
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		

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	FEEDWATER		Class 2				Flow Diagram No. 5106		Rev. 3 2/1/83	
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
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	---		R	FWR-16	C-E-2	C2.6		
1-FW-18	1085	600	---		H	FWS-12	C-E-2	C2.6		
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	---		R	FWR-14	C-E-2	C2.6		
1-FW-18	1085	600	---		R	FWR-13	C-E-2	C2.6		
1-FW-18			28	02S	PN	CPN-10	C-E-1	C2.5		
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	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	14	08F	P-EL		C-G	C2.1		
1-FW-18	1085	600	14	09S	EL-P		C-G	C2.1		
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	14	12F	P-RD		C-G	C2.1		

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TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	FEEDWATER				Class 2		Flow Diagram No. 5106		Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
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	--		H	1-GFW-V803	C-E-1,2	C2.5,6	
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	--		H	1-GFW-L805	C-E-2	C2.6	
1-FW-26	1635	102	--		H	1-GFW-R806	C-E-1,2	C2.5,6	
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	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	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	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	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	
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	



TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	FEEDWATER		Class 2				Flow Diagram No. 5106			Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
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	---		R	1-GFW-L808		C-E-2	C2.6	
1-FW-27	1635	102	---		H	1-GFW-L809		C-E-1,2	C2.5,6	
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	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	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	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	
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	---		H	1-GFW-R822		C-E-2	C2.6	
1-FW-30	1635	102	---		H	1-GFW-R821		C-E-2	C2.6	
1-FW-30	1635	102	---		H	1-GFW-L823		C-E-1,2	C2.5,6	
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	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	

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	FEEDWATER		Class 2		Flow Diagram No. 5106		Rev. 3 2/1/83		
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
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	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	---		H	1-GFW-R824	C-E-2	C2.6	
1-FW-31	1635	102	---		H	1-GFW-L825	C-E-2	C2.6	
1-FW-31	1635	102	---		H	1-GFW-L826	C-E-1,2	C2.5,6	
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	
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	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	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	



TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	FEEDWATER		Class 2		Flow Diagram No. 5106					Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
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

Attachment B

System	FEEDWATER			Class 2			Flow Diagram No. 5106A			Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
1-FW-24	1085	600	4	ALL		ALL	d			3
1-FW-25	1085	600	4	ALL		ALL	d			
1-FW-28	1085	600	4	ALL		ALL	d			
1-FW-29	1085	600	4	ALL		ALL	d			



D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	NON-ESSENTIAL SERVICE WATER				Class 2	Flow Diagram No. 5114A				Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
1-NSW-37	115	150	6	ALL		ALL	a			
1-NSW-38	115	150	6	ALL		ALL	a			
1-NSW-39	115	150	3	ALL		ALL	d			
1-NSW-40	115	150	3	ALL		ALL	d			
1-NSW-41	115	150	3	ALL		ALL	d			
1-NSW-42	115	150	3	ALL		ALL	d			
1-NSW-43	115	150	3	ALL		ALL	d			
1-NSW-44	115	150	3	ALL		ALL	d			
1-NSW-45	115	150	6	ALL		ALL	a			
1-NSW-46	115	150	6	ALL		ALL	a			
1-NSW-47	115	150	3	ALL		ALL	d			
1-NSW-48	115	150	3	ALL		ALL	d			
1-NSW-49	115	150	2.5	ALL		ALL	d			
1-NSW-50	115	150	3	ALL		ALL	d			
1-NSW-51	115	150	3	ALL		ALL	d			
1-NSW-52	115	150	2.5	ALL		ALL	d			
1-NSW-53	115	150	3	ALL		ALL	d			
1-NSW-54	115	150	3	ALL		ALL	d			
1-NSW-55	115	150	6	ALL		ALL	a			
1-NSW-56	115	150	3	ALL		ALL	d			
1-NSW-57	115	150	3	ALL		ALL	d			
1-NSW-58	115	150	6	ALL		ALL	a			
1-NSW-59	115	150	6	ALL		ALL	a			
1-NSW-60	115	150	3	ALL		ALL	d			
1-NSW-61	115	150	3	ALL		ALL	d			
1-NSW-62	115	150	6	ALL		ALL	a			
1-NSW-63	115	150	3	ALL		ALL	d			
1-NSW-64	115	150	3	ALL		ALL	d			

D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	MAKE-UP WATER & PRIMARY WATER					Class 2	Flow Diagram No. 5115A				Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS	
0-DW-500	133	120	4	ALL		ALL	d				

D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	COMPRESSED AIR				Class 2	Flow Diagram No. 5120B					Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS	
0-PA-506	112	90	2	ALL		ALL	d				
1-CA-CPN-29	125	90	1	ALL		ALL	d				
1-CA-CPN-74	125	90	1	ALL		ALL	d				
1-PA-CPN-57	112	90	4	ALL		ALL	d				
1-PA-600	112	90	2	ALL		ALL	d				



D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	STATION DRAINAGE CONTAINMENT				Class 2	Flow Diagram No. 5124				Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
1-DR-224	60	150	3	ALL		ALL	d			

D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	REACTOR COOLANT			Class 2			Flow Diagram No. 5128A			Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
1-CS-41	1500	200	3	ALL		ALL	d			
1-CS-744	220	650	1	ALL		ALL	d			
1-CS-749	1500	200	2	ALL		ALL	d			
1-CS-750	1500	200	2	ALL		ALL	d			
1-CS-751	1500	200	2	ALL		ALL	d			
1-CS-752	1500	200	2	ALL		ALL	d			
1-CS-763	2485	140	2	ALL		ALL	d			
1-CS-764	2485	140	2	ALL		ALL	d			
1-CS-768	2485	140	2	ALL		ALL	d			
1-CS-769	2485	140	2	ALL		ALL	d			
1-N-524	114	340	2.5	ALL		ALL	d			
1-N-536	114	340	2.5	ALL		ALL	d			
1-NPX-151	2485	650	0.38	ALL		ALL	d			
1-NSI-51	100	340	0.5	ALL		ALL	d			
1-PW-17	133	120	4	ALL		ALL	d			
1-SI-13	50	400	4	ALL		ALL	d			
1-SI-36	220	650	4	ALL		ALL	d			
1-SI-504	50	100	1	ALL		ALL	d			
1-SI-506	50	100	1.5	ALL		ALL	d			
1-SI-587	50	100	1	ALL		ALL	d			
1-WD-66	100	340	4	ALL		ALL	d			
12-PW-4	133	120	4	ALL		ALL	d			

D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System CVCS - REACTOR LETDOWN & CHARGING						Class 2	Flow Diagram No. 5129		Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
1-CS-32	2550	200	3	ALL		ALL	d		
1-CS-33	2550	200	4	ALL		ALL	d		
1-CS-34	2550	200	4	ALL		ALL	d		
1-CS-35	2550	200	4	ALL		ALL	d		
1-CS-36	2550	200	3	ALL		ALL	d		
1-CS-39	2510	650	3	ALL		ALL	d		
1-CS-41	2550	200	3	ALL		ALL	d		
1-CS-549	220	300	2	ALL		ALL	d		
1-CS-551	220	300	1	ALL		ALL	d		
1-CS-569	220	300	1	ALL		ALL	d		
1-CS-608	600	400	2	ALL		ALL	d		Up to QCR-300
1-CS-742	2550	200	1	ALL		ALL	d		
1-CS-743	2550	200	1	ALL		ALL	d		
1-CS-747	2550	200	2	ALL		ALL	d		
1-CS-748	2550	200	2	ALL		ALL	d		
1-CS-753	2550	200	2	ALL		ALL	d		
1-CS-754	2550	200	2	ALL		ALL	d		
1-CS-767	600	400	2	ALL		ALL	d		
1-CS-771	600	400	2	ALL		ALL	d		
1-CS-778	600	400	2	ALL		ALL	d		
1-CS-780	2510	650	2	ALL		ALL	d		
1-CS-782	2510	650	3	ALL		ALL	d		
1-CS-92	2510	650	3	ALL		ALL	d		
1-CS-95	2510	650	3	ALL		ALL	d		
1-CS-96	2510	650	3	ALL		ALL	d		
1-CS-98	2485	650	3	ALL		ALL	d		
1-CS-99	2485	650	3	ALL		ALL	d		
1-SI-18	220	300	4	ALL		ALL	d		

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D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System CVCS - REACTOR LETDOWN & CHARGING				Class 2	Flow Diagram No. 5129A				Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
1-CS-42	150	200	4	ALL		ALL	d		
1-CS-52	150	200	4	ALL		ALL	d		
1-CS-53	220	300	4	ALL		ALL	d		
1-CS-546	115	180	2	ALL		ALL	d		
1-CS-55	75	250	3	ALL		ALL	d		
1-CS-57	115	180	3	ALL		ALL	d		
1-CS-688	75	250	2	ALL		ALL	d		
1-CS-745	150	200	1	ALL		ALL	d		R3
1-CS-761	220	300	1	ALL		ALL	d		
1-CS-770	2485	650	1	ALL		ALL	d		
1-CS-781	2485	650	1	ALL		ALL	d		
1-CS-834	220	300	2	ALL		ALL	d		
1-CS-93	150	200	4	ALL		ALL	d		
1-H-001	150	AMB	1	ALL		ALL	d		
1-HE-13-DR	25	267	1	ALL		ALL	d		
1-HE-13-VT	150	200	1	ALL		ALL	d		
1-N-521	114	340	1	ALL		ALL	d		
1-WD-517	75	250	1.5	ALL		ALL	d		R3
1-WD-517	75	250	0.75	ALL		ALL	d		

D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	COMPONENT COOLING				Class 2	Flow Diagram No. 5135				Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
1-CCW-104	150	115	4	ALL		ALL	d			
1-CCW-105	150	115	4	ALL		ALL	d			
1-CCW-63	150	115	8	ALL		ALL	a			
1-CCW-65	150	115	8	ALL		ALL	a			
1-CCW-67	150	115	4	ALL		ALL	d			
1-CCW-68	2485	130	4	ALL		ALL	d			
1-CCW-69	150	115	2	ALL		ALL	d			
1-CCW-70	150	115	4	ALL		ALL	d			
1-CCW-71	150	115	2.5	ALL		ALL	d			
1-CCW-94	150	115	8	ALL		ALL	a			
1-CWW-102	150	115	2.5	ALL		ALL	d			

D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	COMPONENT COOLING				Class 2		Flow Diagram No. 5135B			Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
1-CCW-796	150	115	1.5	ALL		ALL	d			
1-CCW-797	150	115	1.5	ALL		ALL	d			
1-CCW-798	150	115	1.5	ALL		ALL	d			
1-CCW-799	150	115	1.5	ALL		ALL	d			
1-CCW-804	150	115	1.5	ALL		ALL	d			
1-CCW-805	150	115	1.5	ALL		ALL	d			
1-CCW-806	150	115	1.5	ALL		ALL	d			
1-CCW-807	150	115	1.5	ALL		ALL	d			
1-CCW-956	150	115	2	ALL		ALL	d			
1-CCW-958	150	115	2	ALL		ALL	d			
1-CCW-964	150	115	2	ALL		ALL	d			
1-CCW-966	150	115	2	ALL		ALL	d			



D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System SPENT FUEL POOL COOLING & CLEAN-UP						Class 2	Flow Diagram No. 5136		Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
1-SF-9	150	120	3	ALL		ALL	d		Fr refuel ws tank to SI-183
12-SF-15	150	120	2.5	ALL		ALL	d		Fr SF-151 to SF-153

D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	WDS VENTS & DRAINS				Class 2	Flow Diagram No. 5137A				Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
0-WD-511	100	200	0.75	ALL		ALL	d			
1-SF-10	150	120	3	ALL		ALL	d			
1-WD-37	100	200	4	ALL		ALL	d			
1-WD-38	150	120	3	ALL		ALL	d			
1-WD-501	100	200	1	ALL		ALL	d			
1-WD-506	114	340	1	ALL		ALL	d			
1-WD-77	ATM	AMB	3	ALL		ALL	d			
1-WD-782	ATM	AMB	1	ALL		ALL	d			
1-WD-807	100	200	0.75	ALL		ALL	d			
12-WD-3	100	200	4	ALL		ALL	d			



D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System NUCLEAR SAMPLING Class 2 Flow Diagram No. 5141 Rev. 3 2/1/83

ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
CPN-66,8711	2485	650	0.5	ALL		ALL	d		
CPN-66,8712	2485	650	0.5	ALL		ALL	d		
CPN-66,8721	2485	650	0.5	ALL		ALL	d		
CPN-66,8722	2485	650	0.5	ALL		ALL	d		
CPN-66,8731	2485	560	0.5	ALL		ALL	d		
CPN-66,8732	2485	650	0.5	ALL		ALL	d		
CPN-81,8741	2485	650	0.5	ALL		ALL	d		
CPN-81,8742	2485	650	0.5	ALL		ALL	d		

D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	NUCLEAR SAMPLING				Class 2	Flow Diagram No. 5141A				Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
1-DSR-301	1085	650	0.5	ALL		ALL	d			
1-DSR-302	1085	650	0.5	ALL		ALL	d			
1-DSR-303	1085	650	0.5	ALL		ALL	d			
1-DSR-304	1085	650	0.5	ALL		ALL	d			
1-MSX-101	1085	650	0.5	ALL		ALL	d			
1-MSX-102	1085	650	0.5	ALL		ALL	d			
1-MSX-103	1085	650	0.5	ALL		ALL	d			
1-MSX-104	1085	650	0.5	ALL		ALL	d			



D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	NUCLEAR SAMPLING				Class 2	Flow Diagram No. 5141B				Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
CPN-95	12	200	0.5	ALL		ALL	d			
ESR-1	12	200	0.5	ALL		ALL	d			
ESR-2	12	200	0.5	ALL		ALL	d			
ESR-3	12	200	0.5	ALL		ALL	d			
ESR-4	12	200	0.5	ALL		ALL	d			
ESR-5	12	200	0.5	ALL		ALL	d			
ESR-6	12	200	0.5	ALL		ALL	d			
ESR-7	12	200	0.5	ALL		ALL	d			
ESR-8	12	200	0.5	ALL		ALL	d			
ESR-9	12	200	0.5	ALL		ALL	d			



D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	EMERGENCY CORE COOLING					Class 2	Flow Diagram No. 5142			Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
1-SI-11	1750	200	4	ALL		ALL	d			
1-SI-12	1750	200	4	ALL		ALL	d			
1-SI-39	1750	200	3	ALL		ALL	d			
1-SI-40	1750	200	3	ALL		ALL	d			
1-SI-5	220	190	8	ALL		ALL	a			
1-SI-50	2250	200	4	ALL		ALL	d			
1-SI-500	1750	200	0.75	ALL		ALL	d			
1-SI-501	1750	200	0.75	ALL		ALL	d			
1-SI-502	1750	200	2	ALL		ALL	d			
1-SI-503	1750	200	0.75	ALL		ALL	d			
1-SI-505	220	190	0.75	ALL		ALL	d			
1-SI-51	1750	200	3	ALL		ALL	d			
1-SI-537	1750	200	1	ALL		ALL	d			
1-SI-546	1750	200	1.5	ALL		ALL	d			
1-SI-559	1750	200	1	ALL		ALL	d			
1-SI-587	1750	200	0.75	ALL		ALL	d			
1-SI-588	1750	200	1.5	ALL		ALL	d			To valves SI-145,SI-146,SI-147
1-SI-590	1750	200	1.5	ALL		ALL	d			To valves SI-145,SI-146,SI-147



D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	EMERGENCY CORE COOLING (RHR)				Class 2	Flow Diagram No. 5143				Rev. 3 2/1/83
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	-		H	GS1-R551		C-E-1	C2.5	
1-SI-28	700	120	10	1	N-P			C-G	C2.1	
1-SI-28	700	120	10	10	EL-V			C-G	C2.1	
1-SI-28	700	120	10	2	P-EL			C-G	C2.1	
1-SI-28	700	120	10	4	PEL			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	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	VEL			C-G	C2.1	
1-SI-3	30	190	14	ALL		ALL	a			Fr sump to valve RH-104E
1-SI-30	700	120	-		H	GS1-544		C-E-1	C2.5	
1-SI-30	700	120	10	1	N-P			C-G	C2.1	
1-SI-30	700	120	10	10	EL-V			C-G	C2.1	
1-SI-30	700	120	10	2	P-EL			C-G	C2.1	
1-SI-30	700	120	10	3	ELP			C-G	C2.1	
1-SI-30	700	120	10	5	EL-P			C-G	C2.1	
1-SI-30	700	120	10	8	V-P			C-G	C2.1	
1-SI-30	700	120	10	9	PEL			C-G	C2.1	
1-SI-32	700	120	10	1	N-P			C-G	C2.1	
1-SI-32	700	120	10	11	EL-V			C-G	C2.1	



D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	EMERGENCY CORE COOLING (RHR)					Class 2	Flow Diagram No. 5143			Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
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-34	700	120	10		H	GSI-R548		C-E-1	C2.5	
1-SI-34	700	120	10	1	N-P			C-G	C2.1	
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-34	700	120	10	2	P-EL			C-2	C2.1	
1-SI-34	700	120	10	3	EL-P			C-G	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	9	V-P			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-SI28	700	120	10	3	EL-P			C-G	C2.1	
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

Attachment B

System	CONTAINMENT SPRAY				Class 2	Flow Diagram No. 5144				Rev. 3 2/1/83
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	
1-CTS-512	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

Attachment B

System	CONTAINMENT SPRAY				Class 2	Flow Diagram No. 5144			Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
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 Header
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
1-SI-47	30	100	24	ALL		ALL	a		
1-SI-509	400	200	2	ALL		ALL	d		
1-SI-510	400	200	2	ALL		ALL	d		

D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System CONTAINMENT PENETRATION & WELD CHANNEL PRESSURIZATION Class 2							Flow Diagram No. 5145		Rev. 3 2/1/83	
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
9221,CPN-83	112	90	1	ALL		ALL	d			
9232,CPN-83	112	90	1	ALL		ALL	d			
9271,CPN-83	112	90	1	ALL		ALL	d			
9272,CPN-83	112	90	1	ALL		ALL	d			

D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System ICE CONDENSER REFRIGERATION				Class 2		Flow Diagram No. 5146A				Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
12-R-29	25	15	4	ALL		ALL	d			
12-R-31	25	15	4	ALL		ALL	d			



D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System ICE CONDENSER REFRIGERATION				Class 2		Flow Diagram No. 5146B				Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
1-R-46	150	-10	3	ALL		ALL	d			
1-R-47	150	-10	3	ALL		ALL	d			
1-R-533	150	-10	1	ALL		ALL	d			
1-R-534	150	-10	1	ALL		ALL	d			
12-R-24	150	-10	4	ALL		ALL	d			
12-R-9	150	-10	4	ALL		ALL	d			

D.C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment B

System	CONTAINMENT VENTILATION				Class 2	Flow Diagram No. 5147A				Rev. 3 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
1-CPN-31	208	330	1	ALL		ALL	d			
1-CPN-32	208	330	1	ALL		ALL	d			
1-CPN-70	208	330	1	ALL		ALL	d			
1-ESX-001	208	330	0.5	ALL		ALL	d			
1-ESX-002	25	100	0.5	ALL		ALL	d			
1-PGA-10	25	100	30	ALL		ALL	a			
1-PGA-11	25	100	24	ALL		ALL	a			
1-PGA-14	25	100	12	ALL		ALL	a			
1-PGA-15	25	100	14	ALL		ALL	a			
1-PGA-16	25	100	14	ALL		ALL	a			
1-PGA-8	25	100	24	ALL		ALL	a			
1-PGA-9	25	100	30	ALL		ALL	a			



ATTACHMENT C TO AEP:NRC:0070I
(Revised Pages to Table 1 of Attachment C to AEP:NRC:0070G)



TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C to
AEP:NRC:0070I

System	MAIN STEAM			Class 2			Flow Diagram No. 5105			Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
2-BD-525	1085	570	2	ALL		ALL	d			
2-BD-526	1085	570	2	ALL		ALL	d			
2-BD-527	1085	570	2	ALL		ALL	d			
2-BD-528	1085	570	2	ALL		ALL	d			
2-BD-540	1085	570	2	ALL		ALL	d			
2-BD-541	1085	570	2	ALL		ALL	d			
2-BD-542	1085	570	2	ALL		ALL	d			
2-BD-543	1085	570	2	ALL		ALL	d			
2-MS-193	1085	570			H	2-GMS-V1154		C-E-1,2	C2.5,6	
2-MS-193	1085	570	6	01F	B-EL			C-G	C2.3	
2-MS-193	1085	570	6	02S	EL-P			C-G	C2.1	
2-MS-193	1085	570	6	03S	P-EL			C-G	C2.1	
2-MS-193	1085	570	6	04S	EL-P			C-G	C2.1	
2-MS-193	1085	570	6	05F	P-EL			C-G	C2.1	
2-MS-193	1085	570	6	06S	EL-P			C-G	C2.1	
2-MS-193	1085	570	6	07S	P-EL			C-G	C2.1	
2-MS-193	1085	570	6	08S	EL-P			C-G	C2.1	
2-MS-193	1085	570	6	09S	P-EL			C-G	C2.1	
2-MS-193	1085	570	6	10F	EL-V	MSV-101		C-G	C2.1	
2-MS-193	1085	570	6	11F	V-P	MSV-101		C-G	C2.1	
2-MS-193	1085	570	6	12F	P-V	MRV-213		C-G	C2.1	
2-MS-194	1085	570			H	2-GMS-V1155		C-E-1,2	C2.5,6	
2-MS-194	1085	570	6	01F	B-EL			C-G	C2.3	
2-MS-194	1085	570	6	02S	EL-P			C-G	C2.1	
2-MS-194	1085	570	6	03S	P-EL			C-G	C2.1	
2-MS-194	1085	570	6	04S	EL-P			C-G	C2.1	
2-MS-194	1085	570	6	05F	P-EL			C-G	C2.1	
2-MS-194	1085	570	6	06S	EL-P			C-G	C2.1	
2-MS-194	1085	570	6	07S	P-EL			C-G	C2.1	
2-MS-194	1085	570	6	08S	EL-P			C-G	C2.1	
2-MS-194	1085	570	6	09S	P-EL			C-G	C2.1	
2-MS-194	1085	570	6	10F	EL-V	MSV-101		C-G	C2.1	
2-MS-194	1085	570	6	11F	V-P	MSV-101		C-G	C2.1	
2-MS-194	1085	570	6	12F	P-V	MRV-243		C-G	C2.3	
2-MS-195	1085	570			H	2-GMS-L1158		C-E-1,2	C2.5,6	



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C to
AEP:NRC:0070I

System	MAIN STEAM			Class 2			Flow Diagram No. 5105			Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
2-MS-195	1085	570			H	2-GMS-L1157		C-E-1,2	C2.5,6	
2-MS-195	1085	570			H	2-GMS-L1156		C-E-1,2	C2.5,6	
2-MS-195	1085	570	6	01F	P-B			C-G	C2.3	
2-MS-195	1085	570	6	02S	P-EL			C-G	C2.1	
2-MS-195	1085	570	6	03S	EL-P			C-G	C2.1	
2-MS-195	1085	570	6	04S	P-EL			C-G	C2.1	
2-MS-195	1085	570	6	05S	EL-P			C-G	C2.1	
2-MS-195	1085	570	6	06S	P-EL			C-G	C2.1	
2-MS-195	1085	570	6	07S	EL-P			C-G	C2.1	
2-MS-195	1085	570	6	08S	P-EL			C-G	C2.1	
2-MS-195	1085	570	6	09S	EL-P			C-G	C2.1	
2-MS-195	1085	570	6	10F	P-V	MSV-101		C-G	C2.1	
2-MS-195	1085	570	6	11F	P-V	MSV-101		C-G	C2.1	
2-MS-195	1085	570	6	12F	P-V	MRV-233		C-G	C2.1	
2-MS-196	1085	570			H	2-GMS-L1161		C-E-1,2	C2.5,6	
2-MS-196	1085	570			H	2-GMS-L1160		C-E-1,2	C2.5,6	
2-MS-196	1085	570			H	2-GMS-V1159		C-E-1,2	C2.5,6	
2-MS-196	1085	570	6	01F	P-B			C-G	C2.3	
2-MS-196	1085	570	6	02S	P-EL			C-G	C2.1	
2-MS-196	1085	570	6	03S	EL-P			C-G	C2.1	
2-MS-196	1085	570	6	04S	P-EL			C-G	C2.1	
2-MS-196	1085	570	6	05S	EL-P			C-G	C2.1	
2-MS-196	1085	570	6	06S	P-EL			C-G	C2.1	
2-MS-196	1085	570	6	07S	EL-P			C-G	C2.1	
2-MS-196	1085	570	6	08S	P-EL			C-G	C2.1	
2-MS-196	1085	570	6	09S	EL-P			C-G	C2.1	
2-MS-196	1085	570	6	10F	P-V	MSV-101		C-G	C2.1	
2-MS-196	1085	570	6	11F	V-P	MSV-101		C-G	C2.1	
2-MS-196	1085	570	6	12F	P-V	MRV-223		C-G	C2.1	
2-MS-89	1085	570			H	2-MSR-1		C-E-2	C2.6	
2-MS-89	1085	570			R	2-MSR-2		C-E-2	C2.6	
2-MS-89	1085	570			R	2-MSR-3		C-E-2	C2.6	
2-MS-89	1085	570			R	2-MSR-4		C-E-2	C2.6	
2-MS-89	1085	570			R	2-MSR-5		C-E-2	C2.6	
2-MS-89	1085	570			H	2-MSH-1		C-E-1,2	C2.5,6	

D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C to
AEP:NRC:0070I

System	MAIN STEAM				Class 2		Flow Diagram No. 5105			Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
2-MS-89	1085	570			H	2-MSS-1		C-E-1,2	C2.5,6	
2-MS-89	1085	570			H	2-MSS-2		C-E-1,2	C2.5,6	
2-MS-89	1085	570	32	01F	N-EL	SG-1		C-G	C2.1	IR4
2-MS-89	1085	570	1.5	02F	P-B		d			
2-MS-89	1085	570	1.5	03F	P-B		d			
2-MS-89	1085	570	32	04S	EL-P			C-G	C2.1	
2-MS-89	1085	570	32	05S	P-EL			C-G	C2.1	
2-MS-89	1085	570	32	06S	P-RD			C-G	C2.1	
2-MS-89	1085	570	30	07F	RD-P			C-G	C2.1	
2-MS-89	1085	570	30	08F	P-P			C-G	C2.1	
2-MS-89	1085	570	30	09S	P-EL			C-G	C2.1	
2-MS-89	1085	570	30	10F	EL-P			C-G	C2.1	
2-MS-89	1085	570	30	11F	P-PN	CPN-2		C-G	C2.1	
2-MS-89			52	12S	PN	CPN-2		C-E-1	C2.5	IR4
2-MS-90	1085	570			R	REST RING		C-E-2	C2.6	
2-MS-90	1085	570			R	REST RING		C-E-2	C2.6	
2-MS-90	1085	570	--		S	SUPPORT		C-E-2	C2.6	Line Support
2-MS-90	1085	570	--		S	SUPPORT		C-E-2	C2.6	Line Support
2-MS-90	1085	570	30	01S	PN	CPN-2		C-E-1	C2.5	
2-MS-90	1085	570	30	02F	PN-P	CPN-2		C-G	C2.1	
2-MS-90	1085	570	30	03S	P-P			C-G	C2.1	
2-MS-90	1085	570	30	04F	P-V	MRV-210		C-G	C2.3	
2-MS-90	1085	570	30	05F	P-P			C-G	C2.1	
2-MS-90	1085	570	30	06S	P-C			C-G	C2.3	
2-MS-90	1085	570	30	07S	P-C			C-G	C2.3	
2-MS-90	1085	570	6	08S	P-F			C-G	C2.1	
2-MS-90	1085	570	6	09S	P-F			C-G	C2.1	
2-MS-90	1085	570	6	10S	P-F			C-G	C2.1	
2-MS-90	1085	570	6	11S	P-F			C-G	C2.1	
2-MS-90	1085	570	6	12S	P-F			C-G	C2.1	
2-MS-90	1085	570	1	19F	P-P		d			
2-MS-90	1085	570	1	20S	P-V		d			
2-MS-90	1085	570	1	22F	P-P		d			
2-MS-90	1085	570	1	23S	P-V		d			
2-MS-90	1085	570	3	24F	P-P		d			



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C to
AEP:NRC:00701

System	MAIN STEAM		Class 2		Flow Diagram No. 5105					Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
2-MS-90	1085	570	1	25S	P-V		d			
2-MS-90	1085	570	6	38	P-P			C-G	C2.1	
2-MS-90	1085	570	1	39	P-EL		d			
2-MS-90	1085	570	1	40	EL-P		d			
2-MS-90	1085	570	1	41	P-EL		d			
2-MS-90	1085	570	1	42	EL-P		d			
2-MS-90	1085	570	1	43	P-EL		d			
2-MS-90	1085	570	1	44	EL-P		d			
2-MS-90	1085	570	1	45	P-EL		d			
2-MS-90	1085	570	1	46	EL-P		d			
2-MS-90	1085	570	1	47	P-EL		d			
2-MS-90	1085	570	1	48	EL-P		d			
2-MS-90	1085	570	1	49	P-EL		d			
2-MS-90	1085	570	1	50	EL-P		d			
2-MS-91	1085	570			R	2-MSR-6		C-E-2	C2.6	
2-MS-91	1085	570			R	2-MSR-7		C-E-2	C2.6	
2-MS-91	1085	570			R	2-MSR-8		C-E-2	C2.6	
2-MS-91	1085	570			R	2-MSR-9		C-E-2	C2.6	
2-MS-91	1085	570			R	2-MSR-10		C-E-2	C2.6	
2-MS-91	1085	570			H	2-MSH-2		C-E-1,2	C2.5,6	
2-MS-91	1085	570			H	2-MSS-3		C-E-1,2	C2.5,6	
2-MS-91	1085	570			H	2-MSS-4		C-E-1,2	C2.5,6	
2-MS-91	1085	570	32	01F	N-EL	SG-2		C-G	C2.3	
2-MS-91	1085	570	32	02S	EL-P			C-G	C2.1	
2-MS-91	1085	570	32	03S	P-EL			C-G	C2.1	
2-MS-91	1085	570	32	04S	ELRD			C-G	C2.1	
2-MS-91	1085	570	30	05F	RD-P			C-G	C2.1	
2-MS-91	1085	570	30	06F	P-P			C-G	C2.1	
2-MS-91	1085	570	30	07S	P-EL			C-G	C2.1	
2-MS-91	1085	570	30	08F	EL-P			C-G	C2.1	
2-MS-91	1085	570	30	09F	P-PN	CPN-3		C-G	C2.3	
2-MS-91	1085	570	52	10S	PN	CPN-3		C-E-1	C2.5	
2-MS-91	1085	570	1.5	12F	P-B		d			
2-MS-91	1085	570	1.5	13F	P-B		d			
2-MS-92	1085	570			R	REST RING		C-E-2	C2.6	

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D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C to
AEP:NRC:00701

System	MAIN STEAM			Class 2			Flow Diagram No. 5105			Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
2-MS-92	1085	570			R	REST RING		C-E-2	C2.6	
2-MS-92	1085	570	—		S	SUPPORT		C-E-2	C2.6	Line Support
2-MS-92	1085	570	—		S	SUPPORT		C-E-2	C2.6	Line Support
2-MS-92	1085	570	30	01F	PN	CPN-3		C-E-1	C2.5	
2-MS-92	1085	570	30	02F	PN-P	CPN-3		C-G	C2.3	
2-MS-92	1085	570	30	04F	P-V	MRV-220		C-G	C2.3	
2-MS-92	1085	570	30	05F	P-P			C-G	C2.1	
2-MS-92	1085	570	30	07S	P-C			C-G	C2.3	
2-MS-92	1085	570	30	08S	P-C			C-G	C2.3	
2-MS-92	1085	570	6	09S	P-P			C-G	C2.3	
2-MS-92	1085	570	6	10S	P-P			C-G	C2.3	
2-MS-92	1085	570	6	11S	P-P			C-G	C2.3	
2-MS-92	1085	570	6	12S	P-P			C-G	C2.3	
2-MS-92	1085	570	6	13S	P-P			C-G	C2.3	
2-MS-92	1085	570	1	20F	P-P		d			
2-MS-92	1085	570	1	21S	P-V		d			
2-MS-92	1085	570	1	22F	P-P		d			
2-MS-92	1085	570	1	23S	P-V		d			
2-MS-92	1085	570	1	24F	P-P		d			
2-MS-92	1085	570	1	25S	P-V		d			
2-MS-92	1085	570	30	3S	P-P			C-G	C2.3	
2-MS-92	1085	570	6	38	P-P			C-G	C2.1	
2-MS-92	1085	570	1	39	P-EL		d			
2-MS-92	1085	570	1	40	EL-P		d			
2-MS-92	1085	570	1	41	P-EL		d			
2-MS-92	1085	570	1	42	EL-P		d			
2-MS-92	1085	570	1	43	P-EL		d			
2-MS-92	1085	570	1	44	EL-P		d			
2-MS-92	1085	570	1	45	P-EL		d			
2-MS-92	1085	570	1	46	EL-P		d			
2-MS-92	1085	570	1	47	P-EL		d			
2-MS-92	1085	570	1	48	EL-P		d			
2-MS-92	1085	570	1	49	P-EL		d			
2-MS-92	1085	570	1	50	EL-P		d			
2-MS-93	1085	570			R	2-MSR-11		C-E-2	C2.6	



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C to
AEP:NRC:0070I

System	MAIN STEAM				Class 2		Flow Diagram No. 5105			Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
2-MS-93	1085	570			R	2-MSR-12		C-E-2	C2.6	
2-MS-93	1085	570			R	2-MSR-13		C-E-2	C2.6	
2-MS-93	1085	570			R	2-MSR-14		C-E-2	C2.6	
2-MS-93	1085	570			R	2-MSR-15		C-E-2	C2.6	
2-MS-93	1085	570			H	2-MSH-3		C-E-1,2	C2.5,6	
2-MS-93	1085	570			H	2-MSS-6		C-E-1,2	C2.5,6	
2-MS-93	1085	570			H	2-MSS-5		C-E-1,2	C2.5,6	
2-MS-93	1085	570	32	01F	N-EL	SG-3		C-G	C2.3	
2-MS-93	1085	570	32	02S	EL-P			C-G	C2.1	
2-MS-93	1085	570	32	03S	P-EL			C-G	C2.1	
2-MS-93	1085	570	32	04S	EL-R			C-G	C2.1	
2-MS-93	1085	570	30	05F	RD-P			C-G	C2.1	
2-MS-93	1085	570	30	06F	P-EL			C-G	C2.1	
2-MS-93	1085	570	30	07S	P-EL			C-G	C2.1	
2-MS-93	1085	570	30	08F	EL-P			C-G	C2.1	
2-MS-93	1085	570	30	09F	P-PN	CPN-4		C-G	C2.1	
2-MS-93			52	10S	PN	CPN-4		C-E-1	C2.5	
2-MS-93	1085	570	1.5	12F	P-B		d			
2-MS-93	1085	570	1.5	13F	P-B		d			
2-MS-94	1085	570			R	REST RING		C-E-2	C2.6	
2-MS-94	1085	570			R	REST RING		C-E-2	C2.6	
2-MS-94	1085	570	---		S	SUPPORT		C-E-2	C2.6	Line support
2-MS-94	1085	570	---		S	SUPPORT		C-E-2	C2.6	Line support
2-MS-94	1085	570	30	01S	PN	CPN-4		C-E-1	C2.5	
2-MS-94	1085	570	30	02F	P-PN	CPN-4		C-G	C2.3	
2-MS-94	1085	570	30	03S	P-P			C-G	C2.1	
2-MS-94	1085	570	30	04F	P-V	MRV-220		C-G	C2.1	
2-MS-94	1085	570	30	05S	P-P			C-G	C2.1	
2-MS-94	1085	570	30	06F	P-P			C-G	C2.1	
2-MS-94	1085	570	30	07S	P-P			C-G	C2.1	
2-MS-94	1085	570	30	08S	P-C			C-G	C2.3	
2-MS-94	1085	570	30	09S	P-C			C-G	C2.3	
2-MS-94	1085	570	6	10S	P-P			C-G	C2.3	
2-MS-94	1085	570	6	11S	P-P			C-G	C2.3	
2-MS-94	1085	570	6	12S	P-P			C-G	C2.3	

D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C to
AEP:NRC:0070I

System	MAIN STEAM				Class 2		Flow Diagram No. 5105			Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
2-MS-94	1085	570	6	13S	P-P			C-G	C2.3	
2-MS-94	1085	570	6	14S	P-P			C-G	C2.3	
2-MS-94	1085	570	1	21F	P-B		d			
2-MS-94	1085	570	1	22S	P-V		d			
2-MS-94	1085	570	1	23F	P-B		d			
2-MS-94	1085	570	1	24S	P-V		d			
2-MS-94	1085	570	1	25F	P-B		d			
2-MS-94	1085	570	1	26S	P-V		d			
2-MS-94	1085	570	6	39	F-P			C-G	C2.1	
2-MS-94	1085	570	1	40	P-EL		d			
2-MS-94	1085	570	1	41	EL-P		d			
2-MS-94	1085	570	1	42	P-EL		d			
2-MS-94	1085	570	1	43	EL-P		d			
2-MS-94	1085	570	1	44	P-EL		d			
2-MS-94	1085	570	1	45	EL-P		d			
2-MS-94	1085	570	1	46	P-EL		d			
2-MS-94	1085	570	1	47	EL-P		d			
2-MS-94	1085	570	1	48	P-EL		d			
2-MS-94	1085	570	1	49	EL-P		d			
2-MS-94	1085	570	1	50	P-EL		d			
2-MS-94	1085	570	1	51	EL-P		d			
2-MS-95	1085	570			R	2-MSR-16		C-E-2	C2.6	
2-MS-95	1085	570			R	2-MSR-17		C-E-2	C2.6	
2-MS-95	1085	570			R	2-MSR-19		C-E-2	C2.6	
2-MS-95	1085	570			R	2-MSR-20		C-E-2	C2.6	
2-MS-95	1085	570			H	2-MSH-4		C-E-1,2	C2.5,6	
2-MS-95	1085	570			H	2-MSS-8		C-E-1,2	C2.5,6	
2-MS-95	1085	570			H	2-MSS-7		C-E-1,2	C2.5,6	
2-MS-95	1085	570			R	2-MSR-18		C-E-2	C2.6	
2-MS-95	1085	570	32	01F	N-EL	SG 4		C-G	C2.3	
2-MS-95	1085	570	32	02S	EL-P			C-G	C2.1	
2-MS-95	1085	570	32	03S	P-EL			C-G	C2.1	
2-MS-95	1085	570	32	04S	ELRD			C-G	C2.1	
2-MS-95	1085	570	30	05F	RD-P			C-G	C2.1	
2-MS-95	1085	570	30	06F	P-EL			C-G	C2.1	

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D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C to
AEP:NRC:00701

System	MAIN STEAM				Class 2	Flow Diagram No. 5105				Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
2-MS-95	1085	570	30	07S	ELEL			C-G	C2.1	
2-MS-95	1085	570	30	08F	EL-P			C-G	C2.1	
2-MS-95	1085	570	30	09F	P-PN	CPN-5		C-G	C2.3	
2-MS-95			52	10S	PN	CPN-5		C-E-1	C2.5	
2-MS-95	1085	570	1.5	12F	P-B		d			
2-MS-95	1085	570	1.5	13F	P-B		d			
2-MS-96	1085	570			R	REST RING		C-E-2	C2.6	
2-MS-96	1085	570			R	REST RING		C-E-2	C2.6	
2-MS-96	1085	570	---		S	SUPPORT		C-E-2	C2.6	
2-MS-96	1085	570	---		S	SUPPORT		C-E-2	C2.6	
2-MS-96	1085	570	32	01S	PN	CPN-5		C-E-1	C2.5	
2-MS-96	1085	570	32	02F	P-PN	CPN-5		C-G	C2.3	
2-MS-96	1085	570	32	03S	P-P			C-G	C2.1	
2-MS-96	1085	570	32	04F	P-V	MRV-240		C-G	C2.3	
2-MS-96	1085	570	30	05F	P-P			C-G	C2.1	
2-MS-96	1085	570	30	06S	P-C			C-G	C2.3	
2-MS-96	1085	570	30	07S	P-C			C-G	C2.3	
2-MS-96	1085	570	6	08S	P-F			C-G	C2.3	
2-MS-96	1085	570	6	09S	P-F			C-G	C2.3	
2-MS-96	1085	570	6	10S	P-F			C-G	C2.3	
2-MS-96	1085	570	6	11S	P-F			C-G	C2.3	
2-MS-96	1085	570	6	12S	P-F			C-G	C2.3	
2-MS-96	1085	570	6	16F	P-B			C-G	C2.3	
2-MS-96	1085	570	1	19F	P-B		d			
2-MS-96	1085	570	1	20S	P-V		d			
2-MS-96	1085	570	1	21F	P-B		d			
2-MS-96	1085	570	1	22S	P-V		d			
2-MS-96	1085	570	1	23F	P-B		d			
2-MS-96	1085	570	1	24S	P-V		d			
2-MS-96	1085	570	6	37	P-P			C-G	C2.1	
2-MS-96	1085	570	1	38	P-EL		d			
2-MS-96	1085	570	1	39	EL-P		d			
2-MS-96	1085	570	1	40	P-EL		d			
2-MS-96	1085	570	1	41	EL-P		d			
2-MS-96	1085	570	1	42	P-EL		d			



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C to
AEP:NRC:0070I

System	MAIN STEAM					Class 2		Flow Diagram No. 5105			Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS	
2-MS-96	1085	570	1	43	EL-P		d				
2-MS-96	1085	570	1	44	P-EL		d				
2-MS-96	1085	570	1	45	EL-P		d				
2-MS-96	1085	570	1	46	P-EL		d				
2-MS-96	1085	570	1	47	EL-P		d				
2-MS-96	1085	570	1	48	P-EL		d				
2-MS-96	1085	570	1	49	EL-P		d				

D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	FEEDWATER		Class 2		Flow Diagram No. 5106		Rev. 4 2/1/83		
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,V1	1085	600	0.75	ALL		ALL	d		
BLP-140,V2	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		
2-CF-532	1085	600	0.5	ALL		ALL	d		
2-CF-533	1085	600	0.50	ALL		ALL	d		
2-CF-533	1150	100	0.50	ALL		ALL	d		
2-CF-534	1085	600	0.50	ALL		ALL	d		
2-CF-534	1150	100	0.50	ALL		ALL	d		
2-CF-535	1085	600	0.5	ALL		ALL	d		
2-CF-535	1150	100	0.5	ALL		ALL	d		



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	FEEDWATER		Class 2				Flow Diagram No. 5106		Rev. 4 2/1/83	
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
2-DF-532	1150	100	0.5	ALL		ALL	d			
2-FW-70	1170	440	14	01F	V-P	FMO-201		C-G	C2.1	
2-FW-70,1	1170	440			H	2-GFW-L867		C-E-1,2	C2.5,6	
2-FW-70,1	1170	440			H	2-GFW-S868		C-E-2	C2.6	
2-FW-70,1	1170	440			H	2-GFW-S869		C-E-2	C2.6	
2-FW-70,1	1170	440	14	02S	P-EL			C-G	C2.1	
2-FW-70,1	1170	440	14	03S	EL-P			C-G	C2.1	
2-FW-70,1	1170	440	14	04F	P-EL			C-G	C2.1	
2-FW-70,1	1170	440	1	05F	P-B		d			
2-FW-70,1	1170	440	1	06F	P-EL		d			
2-FW-70,1	1170	440	1	07F	EL-P		d			
2-FW-70,1	1170	440	1	08F	P-V		d			
2-FW-70,2	1170	440			H	2-GFW-V870		C-E-2	C2.6	
2-FW-70,2	1170	440			H	2-GFW-L871		C-E-2	C2.6	
2-FW-70,2	1170	440			R	Restraint		C-E-2	C2.6	
2-FW-70,2	1170	440	14	09S	EL-P			C-G	C2.1	
2-FW-70,2	1170	440	14	10F	EL-P			C-G	C2.1	
2-FW-70,2	1170	440	14	11F	P-P			C-G	C2.1	
2-FW-70,2	1170	440	14	12F	P-P			C-G	C2.1	
2-FW-70,2	1170	440	14	13S	P-EL			C-G	C2.1	
2-FW-70,2	1170	440	14	14F	EL-P			C-G	C2.1	
2-FW-70,2	1170	440	1.25	15F	P-B		d			
2-FW-70,2	1170	440	1.25	16F	P-B		d			
2-FW-70,2	1085	600	14	18F	V-P	FW-118		C-G	C2.1	R4
2-FW-70,2	1085	600	14	19F	P-PN	CPN-7		C-G	C2.1	
2-FW-70,2	1170	440	0.75	20F	P-B		d			
2-FW-70,2	1170	440	0.75	21S	P-EL		d			
2-FW-70,2	1170	440	0.75	22S	EL-P		d			
2-FW-70,2	1170	440	0.75	23S	P-V		d			
2-FW-70,2	1170	440	0.75	24F	P-B		d			
2-FW-70,2	1170	440	0.75	25S	P-EL		d			
2-FW-70,2	1170	440	0.75	26S	EL-P		d			
2-FW-70,2	1170	440	0.75	27S	P-V		d			
2-FW-70,2	1170	440	0.75	28F	P-B		d			
2-FW-70,2	1170	440	0.75	29S	P-EL		d			C-11

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D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	FEEDWATER		Class 2			Flow Diagram No. 5106			Rev. 4 2/1/83	
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
2-FW-70,2	1170	440	0.75	30S	EL-P		d			
2-FW-70,2	1170	440	0.75	31S	P-V		d			
2-FW-70,2	1170	440	0.75	32F	P-B		d			
2-FW-70,2	1170	440	0.75	33S	P-EL		d			
2-FW-70,2	1170	440	0.75	34S	EL-P		d			
2-FW-70,2	1170	440	0.75	35S	P-V		d			
2-FW-70,2	1170	440	1	36F	P-B		d			
2-FW-70,2	1170	440	1	37F	P-V		d			
2-FW-70,2	1635	102	6	38F	P-EL			C-G C2.1		
2-FW-70,2	1085	600	0.5	39F	P-B		d			
2-FW-70,2	1085	600	14	40S	PN	CPN-7	C-E-1	C2.5	R4	
2-FW-70,2	1085	600	6	44	P-P		C-G	C2.1		
2-FW-71,1	1170	440			H	2-GFW-L872	C-E-1,2	C2.5,6		
2-FW-71,1	1170	440			H	2-GFW-S873	C-E-2	C2.6		
2-FW-71,1	1170	440			H	2-GFW-V874	C-E-1,2	C2.5,6		
2-FW-71,1	1170	440			H	2-GFW-V875	C-E-1,2	C2.5,6		
2-FW-71,1	1170	440	14	01F	V-P	FMO-204	C-G	C2.1		
2-FW-71,1	1170	440	14	02S	P-EL		C-G	C2.1		
2-FW-71,1	1170	440	14	03S	EL-P		C-G	C2.1		
2-FW-71,1	1170	440	14	04S	P-EL		C-G	C2.1		
2-FW-71,1	1170	440	14	05S	EL-P		C-G	C2.1		
2-FW-71,1	1170	440	14	06S	P-EL		C-G	C2.1		
2-FW-71,1	1170	440	14	07F	EL-P		C-G	C2.1		
2-FW-71,1	1170	440	14	08F	P-P		C-G	C2.1		
2-FW-71,1	1170	440	1	10F	P-B		d			
2-FW-71,1	1170	440	1	11S	P-EL		d			
2-FW-71,1	1170	440	1	12S	EL-P		d			
2-FW-71,1	1170	440	1	13S	P-V		d			
2-FW-71,2	1170	440			H	2-GFW-R876	C-E-2	C2.6		
2-FW-71,2	1170	440			R	Restraint	C-E-2	C2.6		
2-FW-71,2	1170	440	14	01F	P-P		C-G	C2.1		
2-FW-71,2	1170	440	14	02F	P-P		C-G	C2.1		
2-FW-71,2	1170	440	14	03S	P-EL		C-G	C2.1		
2-FW-71,2	1170	440	14	04F	EL-P		C-G	C2.1		
2-FW-71,2	1085	600	14	06F	V-P	FW-118-4	C-G	C2.1	R4	

D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	FEEDWATER				Class 2		Flow Diagram No. 5106		Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
2-FW-71,2	1085	600	14	07F	P-PN	CPN-10	C-G	C2.1	
2-FW-71,2	1170	440	14	08S	PN	CPN-10	C-E-1	C2.5	IR 4
2-FW-71,2	1170	440	0.75	09F	P-B		d		
2-FW-71,2	1170	440	0.75	10S	P-EL		d		
2-FW-71,2	1170	440	0.75	11S	EL-P		d		
2-FW-71,2	1170	440	0.75	12S	P-V		d		
2-FW-71,2	1170	440	0.75	13F	P-B		d		
2-FW-71,2	1170	440	0.75	14S	P-EL		d		
2-FW-71,2	1170	440	0.75	15S	EL-P		d		
2-FW-71,2	1170	440	0.75	16S	P-V		d		
2-FW-71,2	1170	440	0.75	17F	P-B		d		
2-FW-71,2	1170	440	0.75	18S	P-EL		d		
2-FW-71,2	1170	440	0.75	19S	EL-P		d		
2-FW-71,2	1170	440	0.75	20S	P-V		d		
2-FW-71,2	1170	440	0.75	21F	P-B		d		
2-FW-71,2	1170	440	0.75	22S	P-EL		d		
2-FW-71,2	1170	440	0.75	23S	EL-P		d		
2-FW-71,2	1170	440	0.75	24S	P-V		d		
2-FW-71,2	1170	440	1	25F	P-B		d		
2-FW-71,2	1170	440	1	26S	P-V		d		
2-FW-71,2	1170	440	1.25	27F	P-B		d		
2-FW-71,2	1170	440	1.25	28F	P-B		d		
2-FW-71,2	1170	440	0.5	29F	P-B		d		
2-FW-71,2	1635	102	6	33	P-P		C-G	C2.1	IR 4
2-FW-72,1	1170	440			H	2-GFW-L878	C-E-1,2	C2.5,6	
2-FW-72,1	1170	440			H	2-GFW-V879	C-E-1,2	C2.5,6	
2-FW-72,1	1170	440			H	2-GFW-L880	C-E-2	C2.6	
2-FW-72,1	1170	440	14	01F	V-P	FMO-203	C-G	C2.1	
2-FW-72,1	1170	440	14	02S	P-EL		C-G	C2.1	
2-FW-72,1	1170	440	14	03S	EL-P		C-G	C2.1	
2-FW-72,1	1170	440	14	04S	P-EL		C-G	C2.1	
2-FW-72,1	1170	440	14	05F	EL-P		C-G	C2.1	
2-FW-72,1	1170	440	14	06S	P-EL		C-G	C2.1	
2-FW-72,1	1170	440	14	07S	EL-P		C-G	C2.1	C-13
2-FW-72,1	1170	440	14	08F	P-P		C-G	C2.1	



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	FEEDWATER				Class 2	Flow Diagram No. 5106				Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
2-FW-72,1	1170	440	1	09F	P-B		d			
2-FW-72,1	1170	440	1	10S	P-V		d			
2-FW-72,2	1170	440			H	2-GFW-V881		C-E-2	C2.6	
2-FW-72,2	1170	440			H	2-GFW-L882		C-E-1,2	C2.5,6	
2-FW-72,2	1170	440			H	2-GFW-V883		C-E-1,2	C2.5,6	
2-FW-72,2	1170	440			H	2-GFW-L884		C-E-1,2	C2.5,6	
2-FW-72,2	1170	440			H	2-GFW-S885		C-E-1,2	C2.5,6	
2-FW-72,2	1170	440			R	Restraint		C-E-1,2	C2.5,6	
2-FW-72,2	1170	440	14	01F	P-P			C-G	C2.1	
2-FW-72,2	1170	440	14	02S	P-EL			C-G	C2.1	
2-FW-72,2	1170	440	14	03F	ELEL			C-G	C2.1	
2-FW-72,2	1170	440	14	04S	EL-P			C-G	C2.1	
2-FW-72,2	1170	440	14	05F	P-P			C-G	C2.1	
2-FW-72,2	1170	440	14	06F	P-EL			C-G	C2.1	
2-FW-72,2	1170	440	14	07S	EL-P			C-G	C2.1	
2-FW-72,2	1170	440	14	08S	P-EL			C-G	C2.1	
2-FW-72,2	1170	440	14	09F	EL-P			C-G	C2.1	
2-FW-72,2	1085	600	14	11F	V-P	FW-118-3		C-G	C2.1	• R4
2-FW-72,2	1085	600	14	12F	P-PN	CPN-9		C-G	C2.1	
2-FW-72,2	1085	600	14	13S	PN	CPN-9		C-E-1	C2.5	R4
2-FW-72,2	1085	600	0.75	14F	P-B		d			
2-FW-72,2	1065	600	0.75	15S	P-EL		d			
2-FW-72,2	1085	600	0.75	16S	EL-P		d			
2-FW-72,2	1085	600	0.75	17S	P-V		d			
2-FW-72,2	1085	600	0.75	18F	P-B		d			
2-FW-72,2	1085	600	0.75	19S	P-EL		d			
2-FW-72,2	1085	600	0.75	20S	EL-P		d			
2-FW-72,2	1085	600	0.75	21S	P-V		d			
2-FW-72,2	1085	600	0.75	22F	P-B		d			
2-FW-72,2	1085	600	0.75	23S	P-EL		d			
2-FW-72,2	1085	600	0.75	24S	EL-P		d			
2-FW-72,2	1085	600	0.75	25S	P-V		d			
2-FW-72,2	1085	600	0.75	26F	P-B		d			
2-FW-72,2	1085	600	0.75	27S	P-EL		d			
2-FW-72,2	1085	600	0.75	28S	EL-P		d			



D.C. COOK NUCLEAR PLANT, UNIT 2.

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	FEEDWATER				Class 2		Flow Diagram No. 5106		Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
2-FW-72,2	1085	600	0.75	29S	P-V		d		
2-FW-72,2	1085	600	1	30F	P-B		d		
2-FW-72,2	1085	600	1	31S	P-V		d		
2-FW-72,2	1085	600	1.25	32F	P-B		d		
2-FW-72,2	1085	600	1.25	33F	P-B		d		
2-FW-72,2	1085	600	0.50	34F	P-B		d		
2-FW-72,2	1635	102	6	38	P-P			C-G C2.1	
2-FW-73,1	1170	440			H	2-GFW-L887	C-E-1,2	C2.5,6	
2-FW-73,1	1170	440			H	2-GFW-L888	C-E-1,2	C2.5,6	
2-FW-73,1	1170	440			H	2-GFW-V889	C-E-1,2	C2.5,6	
2-FW-73,1	1170	440	14	01F	V-P	FMO-202	C-G	C2.1	
2-FW-73,1	1170	440	14	02S	P-EL		C-G	C2.1	
2-FW-73,1	1170	440	14	03S	EL-P		C-G	C2.1	
2-FW-73,1	1170	440	14	04S	P-EL		C-G	C2.1	
2-FW-73,1	1170	440	14	05F	EL-P		C-G	C2.1	
2-FW-73,1	1170	440	14	06S	P-EL		C-G	C2.1	
2-FW-73,1	1170	440	14	07S	EL-P		C-G	C2.1	
2-FW-73,2	1170	440			H	2-GFW-R890	C-E-1,2	C2.5,6	
2-FW-73,2	1170	440			H	2-GFW-S891	C-E-1,2	C2.5,6	
2-FW-73,2	1170	440			H	2-GFW-V892	C-E-2	C2.6	
2-FW-73,2	1170	440			R	Restraint	C-E-2	C2.6	
2-FW-73,2	1170	440	14	08F	P-P		C-G	C2.1	
2-FW-73,2	1170	440	1	09F	P-B		d		
2-FW-73,2	1170	440	1	10S	P-V		d		
2-FW-73,2	1170	440	14	11F	P-P		C-G	C2.1	
2-FW-73,2	1170	440	14	12S	P-EL		C-G	C2.1	
2-FW-73,2	1170	440	14	13F	EL-P		C-G	C2.1	
2-FW-73,2	1170	440	14	14S	P-EL		C-G	C2.1	
2-FW-73,2	1170	440	14	15F	EL-P		C-G	C2.1	
2-FW-73,2	1170	440	14	16S	P-EL		C-G	C2.1	
2-FW-73,2	1170	440	14	17F	EL-P		C-G	C2.1	
2-FW-73,2	1085	600	14	19F	V-P	FW-118-2	C-G	C2.1	
2-FW-73,2	1085	600	14	20F	P-PN	CPN-8	C-G	C2.1	
2-FW-73,2	1170	440	0.75	21F	P-B		d		
2-FW-73,2	1170	440	0.75	22S	P-V		d		

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D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	FEEDWATER		Class 2		Flow Diagram No. 5106		Rev. 4 2/1/83		
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
2-FW-73,2	1170	440	0.75	23F	P-B		d		
2-FW-73,2	1170	440	0.75	24S	P-V		d		
2-FW-73,2	1170	440	0.75	25F	P-B		d		
2-FW-73,2	1170	440	0.75	26S	P-EL		d		
2-FW-73,2	1170	440	0.75	27S	EL-P		d		
2-FW-73,2	1170	440	0.75	28S	P-V		d		
2-FW-73,2	1170	440	0.75	29F	P-B		d		
2-FW-73,2	1170	440	0.75	30S	P-EL		d		
2-FW-73,2	1170	440	0.75	31S	EL-P		d		
2-FW-73,2	1170	440	0.75	32S	P-V		d		
2-FW-73,2	1170	440	1	33F	P-B		d		
2-FW-73,2	1170	440	1	34S	P-V		d		
2-FW-73,2	1170	440	1.25	35F	P-B		d		
2-FW-73,2	1170	440	1.25	36F	P-B		d		
2-FW-73,2	1085	600	0.5	37F	P-B		d		
2-FW-73,2	1085	600	14	38S	P-F	CPN-8	C-E-1	C2.5	
2-FW-73,2	1635	102	6	42	P-P		C-G	C2.1	
2-FW-74	1085	600			H	2-FWR-8	C-E-2	C2.6	
2-FW-74	1085	600			H	2-FWS-6	C-E-2	C2.6	
2-FW-74	1085	600			H	2-FWS-5	C-E-1,2	C2.5,6	
2-FW-74	1085	600			H	2-FWH-2	C-E-2	C2.6	
2-FW-74	1085	600			H	2-FWS-4	C-E-1,2	C2.5,6	
2-FW-74	1085	600			H	2-FWR-7	C-E-1,2	C2.5,6	
2-FW-74	1085	600			H	2-FWR-5	C-E-2	C2.6	
2-FW-74			28	01S	PN	CPN-8	C-E-1	C2.5	
2-FW-74	1085	600	14	02F	PN-P	CPN-8	C-G	C2.1	
2-FW-74	1085	600	14	03S	P-EL		C-G	C2.1	
2-FW-74	1085	600	14	04S	EL-P		C-G	C2.1	
2-FW-74	1085	600	14	05S	P-EL		C-G	C2.1	
2-FW-74	1085	600	14	06F	EL-P		C-G	C2.1	
2-FW-74	1085	600	14	07S	P-EL		C-G	C2.1	
2-FW-74	1085	600	14	08F	EL-P		C-G	C2.1	
2-FW-74	1085	600	14	09S	P-EL		C-G	C2.1	
2-FW-74	1085	600	14	10F	EL-P		C-G	C2.1	
2-FW-74	1085	600	14	11S	P-RD		C-G	C2.1	

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D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	FEEDWATER		Class 2			Flow Diagram No. 5106				Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
2-FW-74	1085	600	16	12S	RDEL			C-G	C2.1	
2-FW-74	1085	600	16	13F	EL-N	Steam Gen 2		C-G	C2.1	
2-FW-74	1085	600	1	14F	P-B		d			
2-FW-74	1085	600	1	15S	P-V		d			1R4
2-FW-75	1085	600			H	2-FWR-12		C-E-2	C2.6	
2-FW-75	1085	600			H	2-FWS-9		C-E-1,2	C2.5,6	
2-FW-75	1085	600			H	2-FWH-3		C-E-2	C2.6	
2-FW-75	1085	600			H	2-FWS-7		C-E-2	C2.6	
2-FW-75	1085	600			H	2-FWS-8		C-E-2	C2.6	
2-FW-75	1085	600			H	2-FWR-11		C-E-2	C2.6	
2-FW-75	1085	600			H	2-FWR-10		C-E-2	C2.6	
2-FW-75	1085	600			H	2-FWR-9		C-E-2	C2.6	
2-FW-75			28	01S	PN	CPN-9		C-E-1	C2.5	1R4
2-FW-75	1085	600	14	02F	PN-P	CPN-9		C-G	C2.1	
2-FW-75	1085	600	14	03S	P-EL			C-G	C2.1	
2-FW-75	1085	600	14	04S	EL-P			C-G	C2.1	
2-FW-75	1085	600	14	05S	P-EL			C-G	C2.1	
2-FW-75	1085	600	14	06F	EL-P			C-G	C2.1	
2-FW-75	1085	600	14	07F	P-EL			C-G	C2.1	
2-FW-75	1085	600	14	08S	EL-P			C-G	C2.1	
2-FW-75	1085	600	14	09S	P-EL			C-G	C2.1	
2-FW-75	1085	600	14	10F	EL-P			C-G	C2.1	
2-FW-75	1085	600	14	11S	P-RD			C-G	C2.1	
2-FW-75	1085	600	16	12S	RDEL			C-G	C2.1	
2-FW-75	1085	600	16	13F	EL-N	SG-3		C-G	C2.1	
2-FW-75	1085	600	1	14F	P-B		d			
2-FW-75	1085	600	1	15S	P-V		d			
2-FW-76	1085	600			H	2-FWR-16		C-E-2	C2.6	
2-FW-76	1085	600			H	2-FWS-12		C-E-2	C2.6	
2-FW-76	1085	600			H	2-FWH-4		C-E-2	C2.6	
2-FW-76	1085	600			H	2-FWR-15		C-E-2	C2.6	
2-FW-76	1085	600			H	2-FWS-11		C-E-2	C2.6	
2-FW-76	1085	600			H	2-FWS-10		C-E-2	C2.6	
2-FW-76	1085	600			H	2-FWR-14		C-E-2	C2.6	
2-FW-76	1085	600			H	2-FWR-13		C-E-2	C2.6	C-17



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	FEEDWATER				Class 2		Flow Diagram No. 5106		Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
2-FW-76	1085	600	14	01F	PN-P	CPN-10	C-G	C2.1	
2-FW-76	1085	600	14	02S	P-EL		C-G	C2.1	
2-FW-76	1085	600	14	03S	EL-P		C-G	C2.1	
2-FW-76	1085	600	14	04S	P-EL		C-G	C2.1	
2-FW-76	1085	600	14	05F	EL-P		C-G	C2.1	
2-FW-76	1085	600	14	06S	P-EL		C-G	C2.1	
2-FW-76	1085	600	14	07F	EL-P		C-G	C2.1	
2-FW-76	1085	600	14	08S	P-EL		C-G	C2.1	
2-FW-76	1085	600	14	09F	EL-P		C-G	C2.1	
2-FW-76	1085	600	14	10S	P-RD		C-G	C2.1	
2-FW-76	1085	600	16	11S	RDEL		C-G	C2.1	
2-FW-76	1085	600	16	12F	EL-N	SG-4	C-G	C2.1	
2-FW-76	1085	600	1	13F	P-B		d		
2-FW-76	1085	600	1	14S	P-V		d		
2-FW-76			28	15S	PN	CPN-10	C-E-1	C2.5	
2-FW-77	1085	600			H	2-FWR-4	C-E-2	C2.6	IR4
2-FW-77	1085	600			H	2-FWS-3	C-E-2	C2.6	
2-FW-77	1085	600			H	2-FWH-1	C-E-2	C2.6	
2-FW-77	1085	600			H	2-FWS-1	C-E-2	C2.6	
2-FW-77	1085	600			H	2-FWS-2	C-E-2	C2.6	
2-FW-77	1085	600			R	2-FWR-3	C-E-2	C2.6	
2-FW-77	1085	600			H	2-FWR-2	C-E-2	C2.6	
2-FW-77	1085	600			H	2-FWR-1	C-E-2	C2.6	
2-FW-77	1085	600	14	01F	PN-P	CPN-7	C-G	C2.1	
2-FW-77	1085	600	14	02S	P-EL		C-G	C2.1	
2-FW-77	1085	600	14	03S	EL-P		C-G	C2.1	
2-FW-77	1085	600	14	04S	P-EL		C-G	C2.1	
2-FW-77	1085	600	14	05F	EL-P		C-G	C2.1	
2-FW-77	1085	600	14	06S	P-EL		C-G	C2.1	
2-FW-77	1085	600	14	07F	EL-P		C-G	C2.1	
2-FW-77	1085	600	14	08S	P-EL		C-G	C2.1	
2-FW-77	1085	600	14	09F	EL-P		C-G	C2.1	
2-FW-77	1085	600	14	10S	P-RD		C-G	C2.1	
2-FW-77	1085	600	16	11S	RDEL		C-G	C2.1	
2-FW-77	1085	600	1	12F	P-B		d		

D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	FEEDWATER				Class 2		Flow Diagram No. 5106		Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
2-FW-77	1085	600	1	13S	P-V		d		
2-FW-77			28	14S	PN	CPN-7	C-E-1	C2.5	
2-FW-77	1085	600	14	16S	P-P		C-G	C2.1	
2-FW-77	1085	600	14	17F	EL-N	SG-1	C-G	C2.1	
2-FW-78	1635	102			R	2-GFW-L842	C-E-1,2	C2.5,6	
2-FW-78	1635	102			R	2-GFW-L843	C-E-2	C2.6	
2-FW-78	1635	102			R	2-GFW-R844	C-E-2	C2.6	
2-FW-78	1635	102	6	01F	P-EL		C-G	C2.1	
2-FW-78	1635	102	6	02S	EL-P		C-G	C2.1	
2-FW-78	1635	102	6	03S	P-F		C-G	C2.1	
2-FW-78	1635	102	6	04S	F-P		C-G	C2.1	
2-FW-78	1635	102	6	05S	P-EL		C-G	C2.1	
2-FW-78	1635	102	6	06S	EL-P		C-G	C2.1	
2-FW-78	1635	102	6	07F	P-EL		C-G	C2.1	
2-FW-78	1635	102	6	08S	EL-P		C-G	C2.1	
2-FW-78	1635	102	6	09F	P-P		C-G	C2.1	
2-FW-78	1635	102	6	10S	P-TE		C-G	C2.1	
2-FW-78	1635	102	6	11F	TE-P		C-G	C2.1	
2-FW-78	1635	102	6	12S	P-TE		C-G	C2.1	
2-FW-78	1635	102	6	13S	TE-C		C-G	C2.1	
2-FW-78	1635	102	0.75	14F	P-B		d		
2-FW-78	1635	102	0.75	15F	P-B		d		
2-FW-78	1635	102	0.75	16F	P-B		d		
2-FW-78	1635	102	0.75	17S	P-EL		d		
2-FW-78	1635	102	0.75	18S	EL-P		d		
2-FW-78	1635	102	0.75	19S	P-V		d		
2-FW-78	1635	102	0.75	20F	P-B		d		
2-FW-78	1635	102	0.75	21S	P-EL		d		
2-FW-78	1635	102	0.75	22S	EL-P		d		
2-FW-78	1635	102	0.75	23S	P-V		d		
2-FW-78	1635	102	6	24	P-P		C-G	C2.1	
2-FW-78	1635	102	6	25S	P-EL		C-G	C2.1	
2-FW-78	1635	102	6	26S	EL-P		C-G	C2.1	
2-FW-79	1635	102			H	2-GFW-R841	C-E-2	C2.6	
2-FW-79	1635	102			H	2-GFW-R840	C-E-2	C2.6	

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D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	FEEDWATER		Class 2			Flow Diagram No. 5106			Rev. 4 2/1/83	
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
2-FW-79	1635	102			H	2-GFW-L839		C-E-1,2	C2.5,6	
2-FW-79	1635	102	6	01S	C-TE			C-G	C2.1	
2-FW-79	1635	102	6	02S	TE-P			C-G	C2.1	
2-FW-79	1635	102	6	03S	P-TE			C-G	C2.1	
2-FW-79	1635	102	6	04S	TE-P			C-G	C2.1	
2-FW-79	1635	102	6	05F	P-P			C-G	C2.1	
2-FW-79	1635	102	6	06S	P-EL			C-G	C2.1	
2-FW-79	1635	102	6	07F	EL-P			C-G	C2.1	
2-FW-79	1635	102	6	08S	P-EL			C-G	C2.1	
2-FW-79	1635	102	6	09S	EL-P			C-G	C2.1	
2-FW-79	1635	102	6	10S	P-F			C-G	C2.1	
2-FW-79	1635	102	6	11S	F-P			C-G	C2.1	
2-FW-79	1635	102	6	12S	P-EL			C-G	C2.1	
2-FW-79	1635	102	0.75	13F	P-B		d			
2-FW-79	1635	102	0.75	14F	P-B		d			
2-FW-79	1635	102	0.75	15F	P-B		d			
2-FW-79	1635	102	0.75	16S	P-EL		d			
2-FW-79	1635	102	0.75	17S	EL-P		d			
2-FW-79	1635	102	0.75	18S	P-V		d			
2-FW-79	1635	102	0.75	19F	P-B		d			
2-FW-79	1635	102	0.75	20S	P-EL		d			
2-FW-79	1635	102	0.75	21S	EL-P		d			
2-FW-79	1635	102	0.75	22S	P-V		d			
2-FW-79	1635	102	6	23S	P-EL			C-G	C2.1	
2-FW-79	1635	102	6	24S	EL-P			C-G	C2.1	
2-FW-79	1635	102	6	25S	P-P			C-G	C2.1	
2-FW-80	1635	102			H	2-GFW-L835		C-E-1,2	C2.5,6	
2-FW-80	1635	102			R	2-GFW-L836		C-E-2	C2.6	
2-FW-80	1635	102			H	2-GFW-L837		C-E-2	C2.6	
2-FW-80	1635	102			H	2-GFW-V838		C-E-2	C2.6	
2-FW-80	1635	102	6	01F	P-EL			C-G	C2.1	
2-FW-80	1635	102	6	02S	EL-P			C-G	C2.1	
2-FW-80	1635	102	6	03S	P-F			C-G	C2.1	
2-FW-80	1635	102	6	04S	F-P			C-G	C2.1	
2-FW-80	1635	102	6	05F	P-EL			C-G	C2.1	

D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	FEEDWATER		Class 2			Flow Diagram No. 5106			Rev. 4 2/1/83	
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
2-FW-80	1635	102	6	06S	EL-P			C-G	C2.1	
2-FW-80	1635	102	6	07F	P-EL			C-G	C2.1	
2-FW-80	1635	102	6	08S	EL-P			C-G	C2.1	
2-FW-80	1635	102	6	09F	P-EL			C-G	C2.1	
2-FW-80	1635	102	6	10S	EL-P			C-G	C2.1	
2-FW-80	1635	102	6	11S	P-TE			C-G	C2.1	
2-FW-80	1635	102	6	12S	TE-P			C-G	C2.1	
2-FW-80	1635	102	6	13S	P-TE			C-G	C2.1	
2-FW-80	1635	102	6	14S	TE-C			C-G	C2.1	
2-FW-80	1635	102	6	21S	P-P			C-G	C2.1	
2-FW-80	1635	102	6	22S	P-EL			C-G	C2.1	
2-FW-80	1635	102	6	23S	EL-P			C-G	C2.1	
2-FW-80	1635	102	6	24	P-P			C-G	C2.1	
2-FW-80	1635	102	6	25	P-P			C-G	C2.1	
2-FW-81	1635	102			H	2-GFW-L830		C-E-1,2	C2.5,6	
2-FW-81	1635	102			H	2-GFW-V832		C-E-2	C2.6	
2-FW-81	1635	102			H	2-GFW-L833		C-E-2	C2.6	
2-FW-81	1635	102			H	2-GFW-V834		C-E-2	C2.6	
2-FW-81	1635	102	6	01F	P-EL			C-G	C2.1	
2-FW-81	1635	102	6	02S	EL-P			C-G	C2.1	
2-FW-81	1635	102	6	03S	P-F			C-G	C2.1	
2-FW-81	1635	102	6	04S	F-P			C-G	C2.1	
2-FW-81	1635	102	6	05F	P-EL			C-G	C2.1	
2-FW-81	1635	102	6	06S	EL-P			C-G	C2.1	
2-FW-81	1635	102	6	07F	P-EL			C-G	C2.1	
2-FW-81	1635	102	6	08S	EL-P			C-G	C2.1	
2-FW-81	1635	102	6	09F	P-EL			C-G	C2.1	
2-FW-81	1635	102	6	10S	EL-P			C-G	C2.1	
2-FW-81	1635	102	6	12S	TE-P			C-G	C2.1	
2-FW-81	1635	102	6	13S	P-TE			C-G	C2.1	
2-FW-81	1635	102	6	14S	TE-C			C-G	C2.1	
2-FW-81	1635	102	0.75	15F	P-B		d			
2-FW-81	1635	102	0.75	16F	P-B		d			
2-FW-81	1635	102	0.75	17S	P-V		d			
2-FW-81	1635	102	0.75	18F	P-B		d			



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D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	FEEDWATER	Class 2				Flow Diagram No. 5106				Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
2-FW-81	1635	102	0.75	19F	P-B		d			
2-FW-81	1635	102	0.75	20S	P-V		d			
2-FW-81	1635	102	6	21S	P-P		C-G	C2.1		
2-FW-81	1635	102	6	22S	P-EL		C-G	C2.1		
2-FW-81	1635	102	6	23S	EL-P		C-G	C2.1		
2-FW-81	1635	102	6	24	P-P		C-G	C2.1		
2-FW-81	1635	102	6	11S	P-TE		C-G	C2.1		



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	FEEDWATER			Class 2			Flow Diagram No. 5106A			Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
2-FW-53	1635	102	4	ALL		ALL	d			
2-FW-54	1635	102	4	ALL		ALL	d			
2-FW-55	1635	102	4	ALL		ALL	d			
2-FW-56	1635	102	4	ALL		ALL	d			



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	NON-ESSENTIAL SERVICE WATER				Class 2	Flow Diagram No. 5114A				Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
2-NSW-100	115	150	6	ALL		ALL	a			
2-NSW-101	115	150	6	ALL		ALL	a			
2-NSW-102	115	150	3	ALL		ALL	d			
2-NSW-103	115	150	3	ALL		ALL	d			
2-NSW-104	115	150	3	ALL		ALL	d			
2-NSW-105	115	150	3	ALL		ALL	d			
2-NSW-106	115	150	2.5	ALL		ALL	d			
2-NSW-107	115	150	2.5	ALL		ALL	d			
2-NSW-108	115	150	3	ALL		ALL	d			
2-NSW-109	115	150	3	ALL		ALL	d			
2-NSW-110	115	150	3	ALL		ALL	d			
2-NSW-111	115	150	3	ALL		ALL	d			
2-NSW-112	115	150	6	ALL		ALL	a			
2-NSW-113	115	150	3	ALL		ALL	d			
2-NSW-114	115	150	4	ALL		ALL	d			
2-NSW-115	115	150	6	ALL		ALL	a			
2-NSW-116	115	150	6	ALL		ALL	a			
2-NSW-117	115	150	4	ALL		ALL	d			
2-NSW-118	115	150	3	ALL		ALL	d			
2-NSW-119	115	150	3	ALL		ALL	d			
2-NSW-120	115	150	3	ALL		ALL	d			
2-NSW-121	115	150	3	ALL		ALL	d			
2-NSW-122	115	150	4	ALL		ALL	d			
2-NSW-123	115	150	6	ALL		ALL	a			
2-NSW-124	115	150	6	ALL		ALL	a			
2-NSW-125	115	150	4	ALL		ALL	d			
2-NSW-126	115	150	3	ALL		ALL	d			
2-NSW-146	115	150	6	ALL		ALL	a			



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	MAKE-UP WATER & PRIMARY WATER					Class 2	Flow Diagram No. 5115A				Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS	
0-DW-501	133	120	4	ALL		ALL	d				

D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	COMPRESSED AIR				Class 2		Flow Diagram No. 5120B				Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS	
CPN-29	125	90	2	ALL		ALL	d			Control Air	
CPN-57	112	90	4	ALL		ALL	d			Plant Air	
CPN-74	125	90	1	ALL		ALL	d			Control Air	
0-PA-507	112	90	2	ALL		ALL	d				
2-PA-632	112	90	2	ALL		ALL	d				

D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	STATION DRAINAGE CONTAINMENT				Class 2		Flow Diagram No. 5124			Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
2-DR-225	60	150	3	ALL		ALL	d			



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	REACTOR COOLANT		Class 2			Flow Diagram No. 5128A					Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS	
NSI-52	100	340	0.5	ALL		ALL			d		
12-PW-3	133	120	0.75	ALL		ALL			d		
2-CS-103	2550	200	3	ALL		ALL			d		
2-CS-715	2485	140	2	ALL		ALL			d		
2-CS-716	2485	140	2	ALL		ALL			d		
2-CS-717	2485	140	2	ALL		ALL			d		
2-CS-718	2485	140	2	ALL		ALL			d		
2-CS-791	220	650	1	ALL		ALL			d		
2-CS-795	2550	100	2	ALL		ALL			d		
2-CS-796	2550	200	2	ALL		ALL			d		
2-CS-797	2550	200	2	ALL		ALL			d		
2-CS-798	2550	200	2	ALL		ALL			d		
2-N-525	114	340	2.5	ALL		ALL			d		
2-N-542	114	340	0.75	ALL		ALL			d		
2-PW-22	133	120	3	ALL		ALL			d		
2-SI-41	220	650	4	ALL		ALL			d		
2-SI-529	50	100	1.5	ALL		ALL			d		
2-SI-530	50	100	1	ALL		ALL			d		
2-SI-592	50	100	1	ALL		ALL			d		
2-SI-65	220	650	4	ALL		ALL			d		
2-WD-80	25	267	4	ALL		ALL			d		



TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	CVCS - REACTOR LEITDOWN & CHARGING				Class 2	Flow Diagram No. 5129				Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
2-CS-103	2550	200	3	ALL		ALL	d			R4
2-CS-112	215	140	3	ALL		ALL	d			
2-CS-116	2485	650	3	ALL		ALL	d			
2-CS-118	2510	650	3	ALL		ALL	d			
2-CS-119	2485	650	3	ALL		ALL	d			
2-CS-120	2510	650	3	ALL		ALL	d			
2-CS-553	220	300	1	ALL		ALL	d			
2-CS-558	220	300	1	ALL		ALL	d			
2-CS-570	220	300	1	ALL		ALL	d			
2-CS-681	2510	650	0.75	ALL		ALL	d			
2-CS-687	2510	650	2	ALL		ALL	d			
2-CS-704	600	400	2	ALL		ALL	d			R4
2-CS-705	600	400	2	ALL		ALL	d			
2-CS-79	220	300	4	ALL		ALL	d			
2-CS-792	150	200	1	ALL		ALL	d			
2-CS-794	2550	200	2	ALL		ALL	d			
2-CS-80	220	300	1	ALL		ALL	d			
2-CS-805	2550	200	2	ALL		ALL	d			R4
2-CS-808	2550	200	2	ALL		ALL	d			
2-CS-81	220	300	1	ALL		ALL	d			
2-CS-82	2550	200	3	ALL		ALL	d			
2-CS-82	2550	200	2	ALL		ALL	d			
2-CS-83	2550	200	4	ALL		ALL	d			
2-CS-84	2550	200	4	ALL		ALL	d			
2-CS-84	2550	200	2	ALL		ALL	d			
2-CS-85	2550	200	4	ALL		ALL	d			
2-CS-85	2550	200	2	ALL		ALL	d			
2-CS-86	2550	200	3	ALL		ALL	d			
2-CS-87	2550	200	3	ALL		ALL	d			
2-SI-43	30	200	8	ALL		ALL	a			
2-SI-44	220	300	4	ALL		ALL	d			
2-WD-788	2550	200	1	ALL		ALL	d			
2-WD-789	2550	200	1	ALL		ALL	d			R4



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	CVCS - REACTOR LEIWDOWN & CHARGING				Class 2	Flow Diagram No. 5129A				Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
HE-13-DRA	25	267	1	ALL		ALL	d			
HE-13-VENT	150	200	1	ALL		ALL	d			
0-H-001	150	AMB	1	ALL		ALL	d			
2-CS-111	75	250	3	ALL		ALL	d			
2-CS-112	150	200	3	ALL		ALL	d			
2-CS-113	150	200	4	ALL		ALL	d			
2-CS-122	150	200	4	ALL		ALL	d			
2-CS-543	115	180	2	ALL		ALL	d			
2-CS-651	2485	650	1	ALL		ALL	d			
2-CS-670	2485	650	1	ALL		ALL	d			
2-CS-722	75	250	2	ALL		ALL	d			
2-CS-724	220	300	2	ALL		ALL	d			R4
2-CS-79	220	300	4	ALL		ALL	d			
2-CS-792	150	200	1	ALL		ALL	d			
2-CS-89	115	180	3	ALL		ALL	d			
2-CS-90	150	200	4	ALL		ALL	d			
2-DR-651	220	300	1	ALL		ALL	d			
2-N-523	114	340	1	ALL		ALL	d			
2-WD-518	75	250	1.5	ALL		ALL	d			
2-WD-518	75	250	0.75	ALL		ALL	d			R4



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	COMPONENTS COOLING				Class 2	Flow Diagram No. 5135					Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS	
2-CCW-113	150	115	4	ALL		ALL	d				
2-CCW-114	150	115	4	ALL		ALL	d				
2-CCW-127	150	115	8	ALL		ALL	a				
2-CCW-135	150	115	2.5	ALL		ALL	d				
2-CCW-81	150	115	8	ALL		ALL	a				
2-CCW-83	150	115	4	ALL		ALL	d				
2-CCW-84	2485	130	4	ALL		ALL	d				
2-CCW-85	150	115	2	ALL		ALL	d				
2-CCW-86	150	115	4	ALL		ALL	d				
2-CCW-87	150	115	2.5	ALL		ALL	d				
2-CWW-79	150	115	8	ALL		ALL	a				



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	COMPONENTS COOLING				Class 2	Flow Diagram No. 5135B				Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
2-CCW-1014	150	115	2	ALL		ALL	d			
2-CCW-1015	150	115	2	ALL		ALL	d			
2-CCW-1022	150	115	2	ALL		ALL	d			
2-CCW-1024	150	115	2	ALL		ALL	d			
2-CCW-800	150	115	1.5	ALL		ALL	d			
2-CCW-801	150	115	1.5	ALL		ALL	d			
2-CCW-802	150	115	1.5	ALL		ALL	d			
2-CCW-803	150	115	1.5	ALL		ALL	d			
2-CCW-808	150	115	1.5	ALL		ALL	d			
2-CCW-809	150	115	1.5	ALL		ALL	d			
2-CCW-866	150	115	1.5	ALL		ALL	d			
2-CCW-867	150	115	1.5	ALL		ALL	d			



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	SPENT FUEL POOL COOLING & CLEAN-UP					Class 2	Flow Diagram No. 5136			Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
12-SF-14	0150	120	2.5	ALL		ALL	d			Fr SF-152 to SF-154
12-SF-14	0150	120	4	ALL		ALL	d			Piping fr valve SF-154 to CPN-36
12-SF-32	0150	120	4	ALL		ALL	d			SFP piping fm refuel canal to CPN-36
2-SF-11	0150	120	3	ALL		ALL	b			Fr refuel ws tank to SI-184



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	WDS VENTS & DRAINS				Class 2	Flow Diagram No. 5137A				Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
12-WD-5	100	200	4	ALL		ALL	d			
2-ND-783	ATM	AMB	1	ALL		ALL	d			
2-SF-19	150	120	3	ALL		ALL	d			
2-SM-547	100	200	0.75	ALL		ALL	d			
2-WD-524	100	200	1	ALL		ALL	d			
2-WD-525	114	340	1	ALL		ALL	d			
2-WD-538	100	200	0.75	ALL		ALL	d			
2-WD-76	ATM	AMB	3	ALL		ALL	d			
2-WD-80	100	200	4	ALL		ALL	d			
2-WD-82	150	120	4	ALL		ALL	d			
2-WD-83	150	120	3	ALL		ALL	d			



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 -- COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	NUCLEAR SAMPLING				Class 2	Flow Diagram No. 5141				Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
8711,CPN-66	2485	650	0.5	ALL		ALL	d			
8712,CPN-66	2485	650	0.5	ALL		ALL	d			
8721,CPN-66	2485	650	0.5	ALL		ALL	d			
8722,CPN-66	2485	650	0.5	ALL		ALL	d			
8731,CPN-66	2485	650	0.5	ALL		ALL	d			
8732,CPN-66	2485	650	0.5	ALL		ALL	d			
8741,CPN-81	2485	650	0.5	ALL		ALL	d			
8742,CPN-81	2485	650	0.5	ALL		ALL	d			



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	NUCLEAR SAMPLING				Class 2	Flow Diagram No. 5141A			Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
DSR-301	1085	650	0.5	ALL		ALL	d		
DSR-302	1085	650	0.5	ALL		ALL	d		
DSR-303	1085	650	0.5	ALL		ALL	d		
DSR-304	1085	650	0.5	ALL		ALL	d		
MSX-101	1085	650	0.5	ALL		ALL	d		
MSX-102	1085	650	0.5	ALL		ALL	d		
MSX-103	1085	650	0.5	ALL		ALL	d		
MSX-104	1085	650	0.5	ALL		ALL	d		



TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	NUCLEAR SAMPLING				Class 2		Flow Diagram No. 5141B			Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
ESR-1	12	200	0.5	ALL		ALL	d			
ESR-2	12	200	0.5	ALL		ALL	d			
ESR-3	12	200	0.5	ALL		ALL	d			
ESR-4	12	200	0.5	ALL		ALL	d			
ESR-5	12	200	0.5	ALL		ALL	d			
ESR-6	12	200	0.5	ALL		ALL	d			
ESR-7	12	200	0.5	ALL		ALL	d			
ESR-8	12	200	0.5	ALL		ALL	d			
ESR-9	12	200	0.5	ALL		ALL	d			
NS-CPN-95	12	200	0.5	ALL		ALL	d			



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	EMERGENCY CORE COOLING				Class 2	Flow Diagram No. 5142					Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS	
2-RH-22	220	190	8	ALL		ALL	a				
2-SI-10	220	190	8	ALL		ALL	a				
2-SI-42	1750	200	4	ALL		ALL	d				
2-SI-44	220	190	4	ALL		ALL	d				
2-SI-52	2550	200	4	ALL		ALL	d				
2-SI-529	1750	200	0.75	ALL		ALL	d				
2-SI-530	220	190	0.75	ALL		ALL	d				
2-SI-532	1750	200	0.75	ALL		ALL	d				
2-SI-533	1750	200	0.75	ALL		ALL	d				
2-SI-534	1750	200	0.75	ALL		ALL	d				
2-SI-535	1750	200	2	ALL		ALL	d				
2-SI-563	1750	200	1.5	ALL		ALL	d				
2-SI-565	1750	200	1	ALL		ALL	d				
2-SI-567	1750	200	1.5	ALL		ALL	d				
2-SI-568	1750	200	1.5	ALL		ALL	d				
2-SI-571	1750	200	1	ALL		ALL	d				
2-SI-592	1750	200	0.75	ALL		ALL	d				
2-SI-6	220	190	6	ALL		ALL	a				
2-SI-66	1750	200	3	ALL		ALL	d				
2-SI-67	1750	200	2.5	ALL		ALL	d				
2-SI-72	1750	200	4	ALL		ALL	d				
2-SI-73	1750	203	3	ALL		ALL	d				
2-SI-75	1750	200	2	ALL		ALL	d				



TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	EMERGENCY CORE COOLING (RHR)					Class 2	Flow Diagram No. 5143			Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
2-N-548	700	AMB	1	ALL		ALL	d			
2-RH-25	600	350	3	ALL		ALL	d			
2-RH-26	600	350	2	ALL		ALL	d			
2-RH-34	400	350	3	ALL		ALL	d			
2-RH-514	600	350	2	ALL		ALL	d			Up to SV-103
2-SI-532	1750	200	0.75	ALL		ALL	d			Fr weld in cont to valve SI-194
2-SI-56	700	120			H	GSI-R551		C-E-1	C2.5	
2-SI-56	700	120	10	1	N-P			C-G	C2.1	
2-SI-56	700	120	10	10	EL-V			C-G	C2.1	
2-SI-56	700	120	10	2	P-EL			C-G	C2.1	
2-SI-56	700	120	10	3	EL-P					
2-SI-56	700	120	10	4	P-EL			C-G	C2.1	
2-SI-56	700	120	10	5	EL-P					
2-SI-56	700	120	10	6	P-EL					
2-SI-56	700	120	10	7	E-V			C-G	C2.1	
2-SI-56	700	120	10	8	V-P			C-G	C2.1	
2-SI-56	700	120	10	9	P-EL			C-G	C2.1	
2-SI-57	700	120			H	GSI-R544		C-E-1	C2.5	
2-SI-57	700	120	10	1	N-P			C-G	C2.1	
2-SI-57	700	120	10	10	EL-V			C-G	C2.1	
2-SI-57	700	120	10	2	P-EL			C-G	C2.1	
2-SI-57	700	120	10	3	E-P			C-G	C2.1	
2-SI-57	700	120	10	4	P-EL			C-G	C2.1	
2-SI-57	700	120	10	5	EL-P			C-G	C2.1	
2-SI-57	700	120	10	6	P-EL			C-G	C2.1	
2-SI-57	700	120	10	8	P-V			C-G	C2.1	
2-SI-57	700	120	10	9	V-EL			C-G	C2.1	
2-SI-58	700	120			H	GSI-R547		C-E-1	C2.5	
2-SI-58	700	120	10	1	N-P			C-G	C2.1	
2-SI-58	700	120	10	10	P-EL			C-G	C2.1	
2-SI-58	700	120	10	2	P-EL			C-G	C2.1	
2-SI-58	700	120	10	3	EL-P			C-G	C2.1	
2-SI-58	700	120	10	5	EL-P			C-G	C2.1	
2-SI-58	700	120	10	6	P-P			C-G	C2.1	

R-4



TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	EMERGENCY CORE COOLING (RHR)					Class 2	Flow Diagram No. 5143			Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
2-SI-58	700	120	10	7	P-EL			C-G	C2.1	
2-SI-58	700	120	10	8	EL-V			C-G	C2.1	
2-SI-58	700	120	10	9	V-P			C-G	C2.1	
2-SI-59	700	120			H	GSI-R548		C-E-1	C2.5	
2-SI-59	700	120	10	1	N-P			C-G	C2.1	
2-SI-59	700	120	10	10	EL-V			C-G	C2.1	
2-SI-59	700	120	10	2	P-EL			C-G	C2.1	
2-SI-59	700	120	10	3	EL-P			C-G	C2.1	
2-SI-59	700	120	10	4	P-EL			C-G	C2.1	
2-SI-59	700	120	10	5	EL-P			C-G	C2.1	
2-SI-59	700	120	10	6	P-EL			C-G	C2.1	
2-SI-59	700	120	10	7	EL-P			C-G	C2.1	
2-SI-59	700	120	10	8	P-V			C-G	C2.1	
2-SI-59	700	120	10	9	V-EL			C-G	C2.1	
2-SI-64	2485	650	4	ALL		ALL	d			Fr SI pump "S" to SI-152-S
2-SI-7	30	190	14	ALL		ALL	a			From sump to valve RH-104W
2-SI-75	2485	650	4	ALL		ALL	d			Fr SI pump "N" to SI-152-N
2-SI-8	30	190	14	ALL		All	a			From sump to valve RH-104E

R4

1 R4

1 R4



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	CONTAINMENT SPRAY				Class 2	Flow Diagram No. 5144				Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
2-CTS-11	95	200	8	ALL		ALL	a		Downstrm of CTS 124W	
2-CTS-14	95	200	6	ALL		ALL	a		Downstrm of CTS 124E	
2-CTS-15	95	200	8	ALL		ALL	a		Downstrm of CTS 128E	
2-CTS-16	400	200	3	ALL		ALL	d			
2-CTS-51	95	200	6	ALL		ALL	a		Cont Spray Ring Header	
2-CTS-52	95	200	6	ALL		ALL	a		Cont Spray Ring Header	
2-CTS-538	400	200	2	ALL		ALL	d			
2-CTS-539	400	200	2	ALL		ALL	d			
2-CTS-546	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-547	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-548	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-549	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-55	95	200	8	ALL		ALL	a		Cont Spray Ring Header	
2-CTS-551	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-552	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-553	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-554	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-555	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-556	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-556	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-557	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-558	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-559	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-56	95	200	8	ALL		ALL	a		Cont Spray Ring Header	
2-CTS-560	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-561	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-562	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-563	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-564	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-565	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-566	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-567	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-568	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-569	95	200	2	ALL		ALL	d		Cont Spray Ring Header	
2-CTS-57	95	200	3	ALL		ALL	d		Cont Spray Ring Header	



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	CONTAINMENT SPRAY				Class 2	Flow Diagram No. 5144				Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS
2-CTS-570	95	200	2	ALL		ALL	d			Cont Spray Ring Header
2-CTS-571	95	200	2	ALL		ALL	d			Cont Spray Ring Header
2-CTS-572	95	200	2	ALL		ALL	d			Cont Spray Ring Header
2-CTS-573	95	200	2	ALL		ALL	d			Cont Spray Ring Header
2-CTS-574	95	200	2	ALL		ALL	d			Cont Spray Ring Header
2-CTS-575	95	200	2	ALL		ALL	d			Cont Spray Ring Header
2-CTS-58	95	200	3	ALL		ALL	d			Cont Spray Ring Header
2-CTS-59	95	200	8	ALL		ALL	a			Cont Spray Ring Header
2-CTS-61	95	200	8	ALL		ALL	a			Cont Spray Ring Header
2-CTS-64	95	200	6	ALL		ALL	a			Cont Spray Ring Header
2-CTS-65	95	200	4	ALL		ALL	d			Cont Spray Ring Header
2-CTS-66	95	200	4	ALL		ALL	a			Cont Spray Ring Header
2-CTS-68	95	200	6	ALL		ALL	a			Cont Spray Ring Header
2-CTS-70	95	200	6	ALL		ALL	a			Cont Spray Ring Header
2-CTS-71	95	200	4	ALL		ALL	d			Cont Spray Ring Header
2-CTS-72	95	200	4	ALL		ALL	d			Cont Spray Ring Header
2-CTS-73	95	200	4	ALL		ALL	d			Cont Spray Ring Header
2-CTS-74	95	200	4	ALL		ALL	d			Cont Spray Ring Header
2-CTS-75	95	200	6	ALL		ALL	a			Cont Spray Ring Header
2-CTS-76	95	200	6	ALL		ALL	a			Cont Spray Ring Header
2-CTS-77	95	200	6	ALL		ALL	a			Cont Spray Ring Header
2-CTS-78	95	200	6	ALL		ALL	a			Cont Spray Ring Header
2-CTS12	95	200	8	ALL		ALL	a			Downstrm of CTS 128W
2-RH-18	95	200	8	ALL		ALL	a			Downstrm of IMO 330
2-RH-19	95	200	8	ALL		ALL	a			Downstrm of IMO 331
2-SF-21	30	100	3	ALL		ALL	d			
2-SF-30	30	100	3	ALL		ALL	d			
2-SF-501	30	100	2	ALL		ALL	d			
2-SI-511	400	200	2	ALL		ALL	d			
2-SI-512	400	200	2	ALL		ALL	d			
2-SI-53	30	100	24	ALL		ALL	a			
2-SI-6	30	100	24	ALL		ALL	a			
2-SI-7	30	190	12	ALL		ALL	a			Recirc su hd to pu
2-SI-8	30	190	12	ALL		ALL	a			Recirc su hd to pu
2CTS-60	95	200	8	ALL		ALL	a			Cont Spray Ring Header



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	CONTAINMENT SPRAY				Class 2		Flow Diagram No. 5144			Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
2CTS-62	95	200	8	ALL		ALL	a		Cont Spray Ring Header	
2CTS-63	95	200	6	ALL		ALL	a		Cont Spray Ring Header	
2CTS-67	95	200	6	ALL		ALL	a		Cont Spray Ring Header	
2CTS-69	95	200	6	ALL		ALL	a		Cont Spray Ring Header	



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	CONTAINMENT PENETRATION & WELD CHANNEL PRESSURIZATION					Class 2	Flow Diagram No. 5145		Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS
CPN-83,9221	112	90	1	ALL		ALL	d		
CPN-83,9232	112	90	1	ALL		ALL	d		
CPN-83,9271	112	90	1	ALL		ALL	d		
CPN-83,9272	112	90	1	ALL		ALL	d		

D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	ICE CONDENSER REFRIGERATION				Class 2	Flow Diagram No. 5146A					Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220	CATEG	IWC2600	REMARKS	
12-R-30	25	15	4	ALL		ALL	d				
12-R-32	25	15	4	ALL		ALL	d				



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	ICE CONDENSER REFRIGERATION				Class 2	Flow Diagram No. 5146B				Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
12-R-15	150	-10	4	ALL		ALL	d			
12-R-25	150	-10	4	ALL		ALL	d			
2-R-44	150	-10	3	ALL		ALL	d			
2-R-45	150	-10	3	ALL		ALL	d			
2-R-531	150	-10	1	ALL		ALL	d			
2-R-532	150	-10	1	ALL		ALL	d			



D.C. COOK NUCLEAR PLANT, UNIT 2

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

Attachment C

System	CONTAINMENT VENTILATION				Class 2		Flow Diagram No. 5147A			Rev. 4 2/1/83
ISO	PRESS	TEMP	SIZE	WELD	COMP	COMP NO	IWC1220 CATEG	IWC2600	REMARKS	
CPN-31	12	200	1	ALL		ALL	d		Vent	
CPN-32	12	200	1	ALL		ALL	d		Nitrogen	
ESX-001	25	100	0.5	ALL		ALL	d			
ESX-002	25	100	0.5	ALL		ALL	d			
2-CPN-70	208	330	1	ALL		ALL	d			
2-PGA-12	25	100	30	ALL		ALL	a			
2-PGA-13	25	100	24	ALL		ALL	a			
2-PGA-17	25	100	14	ALL		ALL	a			
2-PGA-18	25	100	14	ALL		ALL	a			
2-PGA-19	25	100	24	ALL		ALL	a			
2-PGA-20	25	100	30	ALL		ALL	a			
2-PGA-21	25	100	12	ALL		ALL	a			



ATTACHMENT D TO AEP:NRC:0070I
(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

Attachment D to
AEP:NRC:00701

SYSTEM	MAIN STEAM	CLASS 2	Flow Diagram No. 5105				REV. 3	2/1/83	
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
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
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

Attachment D

SYSTEM	MAIN STEAM	CLASS 2	Flow Diagram No. 5105						REV. 3 2/1/83
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	PSA	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
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

Attachment D

SYSTEM	MAIN STEAM	CLASS 2	Flow Diagram No. 5105				REV. 3	2/1/83	
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

Attachment D

SYSTEM	FEEDWATER	CLASS 2	Flow Diagram No. 5106						REV. 3 2/1/83
ISO	SYSTEM FUNCTION	SIZE	WELD	COMP	COMP #	IWC2520	RELIEF	ALT	REMARKS
1-FW-10	Block valve to CPN	14	19F	P-V	FW-118-3	C-G	1	-	Possible access restrict
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	45	P-SA	SADDLE	C-G	2A	SUR	Fillet
1-FW-10	Aux feed pumps disc to SG	6	46	B-SA		C-G	2A	SUR	Vol impractical
1-FW-11	FW fr isolation check valves to SG	14	01S	PN	CPN-9	C-G	3	NNN	Within sleeve on pen *
1-FW-12	Block valve to CPN	14	16F	P-V	FW-118-2	CG	1		Possible access restrict
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-13	FW fr isolation check valves to SG	14	01S	PN	CPN-8	C-G	3	NNN	Within sleeve on pen *
1-FW-15	Block valve to CPN	14	11F	P-V	FW-118-1	CG	1		Possible access restrict
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-16	FW fr isolation check valves to SG	14	01S	PN	CPN-7	C-G	3	NNN	Within sleeve on pen *
1-FW-17	Block valve to CPN	14	13F	P-V	FW-118-4	C-G	1		Possible access restrict
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-18	FW fr isolation check valves to SG	14	01S	PN	CPN-10	C-G	3	NNN	Within sleeve on pen *

* R 3



D.C. COOK NUCLEAR PLANT, UNIT 1

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

Attachment D

SYSTEM CVCS - REACTOR LETDOWN & CHARGING CLASS 2 Flow Diagram No. 5129 REV. 3 2/1/83

ISO	SYSTEM FUNCTION	SIZE	WELD	COMP	COMP #	IWC2520	RELIEF	ALT	REMARKS
1-CS-33	Chem & vol control fr VCT to charg pump 8	ALL			ALL	C-G	4	VIS	
1-CS-33	Chem & vol control fm VCT to charg pump 6	ALL			ALL	C-G	4	VIS	
1-CS-35	Chem & vol control fr VCT to charg pump 8	ALL			ALL	C-G	4	VIS	
1-CS-35	Chem & vol control fm VCT to charg pump 6	ALL			ALL	C-G	4	VIS	



D.C. COOK NUCLEAR PLANT, UNIT 1

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

Attachment D

SYSTEM	EMERGENCY CORE COOLING (RHR)	CLASS 2	Flow Diagram No. 5143				REV. 3	2/1/83	
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 suction	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 restrict
1-SI-30	Accumulator to check valve	10	6	PEL		C-G	1	-	Possible access restrict
1-SI-30	Accumulator to check valve	10	7	EL-V		C-G	1	-	Possible access restrict
1-SI-32	Accumulator to check valve	10	4	P-EL		C-G	1	-	Possible access restrict
1-SI-32	Accumulator to check valve	-		H	GSI-R547	C-E-1	1	-	Possible access restrict
1-SI-32	Accumulator to check valve	10	8	EL-P		C-G	1	-	Possible access restrict
1-SI-32	Accumulator to check valve	10	10	V-EL		C-G	1	-	Possible access restrict
1-SI-34	Accumulator to check valve	10	4	P-EL		C-G	1	-	Possible access restrict
1-SI-34	Accumulator to check valve	10	8	EL-V		C-G	1	-	Possible access restrict
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

Attachment D

SYSTEM	CONTAINMENT SPRAY	CLASS 2	Flow Diagram No. 5144				REV. 3	2/1/83
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	
1-CTS-6	CTS fr IMO-210 211 220 221 to CTS HX	8	ALL		ALL	C-G 4	VIS	

ATTACHMENT E TO AEP:NRC:0070I

(Revised Pages to Table 2 of Attachment E to AEP:NRC:0070G)

D.C. COOK NUCLEAR PLANT, UNIT 2

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

Attachment E

SYSTEM	MAIN STEAM	CLASS 2	Flow Diagram No. 5105				REV. 4 2/1/83		
ISO	SYSTEM FUNCTION	SIZE	WELD	COMP	COMP #	IWC2520	RELIEF	ALT	REMARKS
2-MS-89	MS fm SG to stop valves	30	11F	P-PN	CPN-2	C-G	3	NNN	Covered by restraint
2-MS-89	MS fm SG to stop valves	30	13F	PN	CPN-2	C-G	3	NNN	Within sleeve on pen
2-MS-90	MS fm SG to stop valves	6	13F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-90	MS fm SG to stop valves	6	14F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-90	MS fm SG to stop valves	6	15F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-90	MS fm SG to stop valves	6	16F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-90	MS fm SG to stop valves	6	17F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-90	MS fm SG to stop valves	6	18F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-90	MS fm SG to stop valves	6	26	B-SA		C-G	2A	Sur	Vol impractical
2-MS-90	MS fm SG to stop valves	6	27	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-90	MS fm SG to stop valves	6	28	B-SA		C-G	2A	Sur	Vol impractical
2-MS-90	MS fm SG to stop valves	6	29	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-90	MS fm SG to stop valves	6	30	B-SA		C-G	2A	Sur	Vol impractical
2-MS-90	MS fm SG to stop valves	6	31	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-90	MS fm SG to stop valves	6	32	B-SA		C-G	2A	Sur	Vol impractical
2-MS-90	MS fm SG to stop valves	6	33	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-90	MS fm SG to stop valves	6	34	B-SA		C-G	2A	Sur	Vol impractical
2-MS-90	MS fm SG to stop valves	6	35	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-90	MS fm SG to stop valves	6	36	B-SA		C-G	2A	Sur	Vol impractical
2-MS-90	MS fm SG to stop valves	6	37	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-91	MS fm SG to stop valves	30	09F	P-PN	CPN-3	C-G	3	NNN	Covered by restraint
2-MS-91	MS fm SG to stop valves	30	11F	PN	CPN-3	C-G	3	NNN	Within sleeve on pen
2-MS-92	MS fm SG to stop valves	6	14F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-92	MS fm SG to stop valves	6	15F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-92	MS fm SG to stop valves	6	16F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-92	MS fm SG to stop valves	6	17F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-92	MS fm SG to stop valves	6	18F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-92	MS fm SG to stop valves	6	19F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-92	MS fm SG to stop valves	6	26	B-SA		C-G	2A	Sur	Vol impractical
2-MS-92	MS fm SG to stop valves	6	27	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-92	MS fm SG to stop valves	6	28	B-SA		C-G	2A	Sur	Vol impractical
2-MS-92	MS fm SG to stop valves	6	29	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-92	MS fm SG to stop valves	6	30	B-SA		C-G	2A	Sur	Vol impractical

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D.C. COOK NUCLEAR PLANT, UNIT 2

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

Attachment E

SYSTEM	MAIN STEAM	CLASS 2	Flow Diagram No. 5105		REV. 4 2/1/83				
ISO	SYSTEM FUNCTION	SIZE	WELD	COMP	COMP #	IWC2520	RELIEF	ALT	REMARKS
2-MS-92	MS fm SG to stop valves	6	31	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-92	MS fm SG to stop valves	6	32	B-SA		C-G	2A	Sur	Vol impractical
2-MS-92	MS fm SG to stop valves	6	33	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-92	MS fm SG to stop valves	6	34	B-SA		C-G	2A	Sur	Vol impractical
2-MS-92	MS fm SG to stop valves	6	35	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-92	MS fm SG to stop valves	6	36	B-SA		C-G	2A	Sur	Vol impractical
2-MS-92	MS fm SG to stop valves	6	37	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-93	MS fm SG to stop valves	30	09F	P-PN	CPN-4	C-G	3	NNN	Covered by restraint
2-MS-93	MS fm SG to stop valves	30	11	PN	CPN-4	C-G	3	NNN	Within sleeve on pen
2-MS-94	MS fm SG to stop valves	6	15F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-94	MS fm SG to stop valves	6	16F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-94	MS fm SG to stop valves	6	17F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-94	MS fm SG to stop valves	6	18F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-94	MS fm SG to stop valves	6	19F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-94	MS fm SG to stop valves	6	20F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-94	MS fm SG to stop valves	6	27	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-94	MS fm SG to stop valves	6	28	B-SA		C-G	2A	Sur	Vol impractical
2-MS-94	MS fm SG to stop valves	6	29	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-94	MS fm SG to stop valves	6	30	B-SA		C-G	2A	Sur	Vol impractical
2-MS-94	MS fm SG to stop valves	6	31	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-94	MS fm SG to stop valves	6	32	B-SA		C-G	2A	Sur	Vol impractical
2-MS-94	MS fm SG to stop valves	6	33	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-94	MS fm SG to stop valves	6	34	B-SA		C-G	2A	Sur	Vol impractical
2-MS-94	MS fm SG to stop valves	6	35	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-94	MS fm SG to stop valves	6	36	B-SA		C-G	2A	Sur	Vol impractical
2-MS-94	MS fm SG to stop valves	6	37	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-94	MS fm SG to stop valves	6	38	B-SA		C-G	2A	Sur	Vol impractical
2-MS-95	MS fm SG to stop valves	30	09F	P-PN	CPN-5	C-G	3	NNN	Covered by restraint
2-MS-95	MS fm SG to stop valves	30	11	PN	CPN-5	C-G	3	NNN	Within sleeve on pen
2-MS-96	MS fm SG to stop valves	6	13F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-96	MS fm SG to stop valves	6	14F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-96	MS fm SG to stop valves	6	15F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-96	MS fm SG to stop valves	6	17F	P-B		C-G	3	NNN	Weld covered by sad

D.C. COOK NUCLEAR PLANT, UNIT 2

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

Attachment E

SYSTEM	MAIN STEAM	CLASS 2	Flow Diagram No. 5105					REV. 4 2/1/83	
ISO	SYSTEM FUNCTION	SIZE	WELD	COMP	COMP #	IWC2520	RELIEF	ALT	REMARKS
2-MS-96	MS fm SG to stop valves	6	18F	P-B		C-G	3	NNN	Weld covered by sad
2-MS-96	MS fm SG to stop valves	6	25	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-96	MS fm SG to stop valves	6	26	B-SA		C-G	2A	Sur	Vol impractical
2-MS-96	MS fm SG to stop valves	6	27	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-96	MS fm SG to stop valves	6	28	B-SA		C-G	2A	Sur	Vol impractical
2-MS-96	MS fm SG to stop valves	6	29	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-96	MS fm SG to stop valves	6	30	B-SA		C-G	2A	Sur	Vol impractical
2-MS-96	MS fm SG to stop valves	6	31	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-96	MS fm SG to stop valves	6	32	B-SA		C-G	2A	Sur	Vol impractical
2-MS-96	MS fm SG to stop valves	6	33	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-96	MS fm SG to stop valves	6	34	B-SA		C-G	2A	Sur	Vol impractical
2-MS-96	MS fm SG to stop valves	6	35	P-SA	Saddle	C-G	2A	Sur	Fillet
2-MS-96	MS fm SG to stop valves	6	36	B-SA		C-G	2A	Sur	Vol impractical



D.C. COOK NUCLEAR PLANT, UNIT 2

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

Attachment E

SYSTEM	FEEDWATER	CLASS 2	Flow Diagram No. 5106					REV. 4 2/1/83	
ISO	SYSTEM FUNCTION	SIZE	WELD	COMP	COMP #	IWC2520	RELIEF	ALT	REMARKS
2-FW-70	Block valve to CPN	14	17F	P-V	FW-118-1	C-G	1		Possible access restrict
2-FW-70	Feedwater	6	41	P-B		C-G	3	NNN	Weld covered by sad
2-FW-70	Feedwater	6	42	P-SA	Saddle	C-G	2A	Sur	Fillet
2-FW-70	Feedwater	6	43	B-SA		C-G	2A	Sur	Vol impractical
2-FW-71	Block valve to CPN	14	05F	P-V	FW-118-4	C-G	1		Possible access restrict
2-FW-71	Feedwater	6	30	P-B		C-G	3	NNN	Weld covered by sad
2-FW-71	Feedwater	6	31	P-SA	Saddle	C-G	2A	Sur	Fillet
2-FW-71	Feedwater	6	32	B-SA		C-G	2A	Sur	Vol impractical
2-FW-72	Block valve to CPN	14	10F	P-V	FW-118-3	C-G	1		Possible access restrict
2-FW-72	Feedwater	6	35	P-B		C-G	3	NNN	Weld covered by sad
2-FW-72	Feedwater	6	36	P-SA	Saddle	C-G	2A	Sur	Fillet
2-FW-72	Feedwater	6	37	B-SA		C-G	2A	Sur	Vol impractical
2-FW-73	Block valve to CPN	14	18F	P-V	FW-118-2	C-G	1		Possible access restrict
2-FW-73	Feedwater	6	39	P-B		C-G	3	NNN	Weld covered by sad
2-FW-73	Feedwater	6	40	P-SA	Saddle	C-G	2A	Sur	Fillet
2-FW-73	Feedwater	6	41	B-SA		C-G	2A	Sur	Vol impractical
2-FW-74	Feedwater	14	16S	PN	CPN-8	C-G	3	NNN	Within sleeve on pen
2-FW-75	Feedwater	14	16S	PN	CPN-9	C-G	3	NNN	Within sleeve on pen
2-FW-76	Feedwater	14	16S	PN	CPN-10	C-G	3	NNN	Within sleeve on pen
2-FW-77	Feedwater	14	15S	PN	CPN-7	C-G	3	NNN	Within sleeve on pen

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D.C. COOK NUCLEAR PLANT, UNIT 2

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

Attachment E

SYSTEM CVCS - REACTOR LETDOWN & CHARGING

CLASS 2

Flow Diagram No. 5129

REV. 4 2/1/83

ISO	SYSTEM FUNCTION	SIZE	WELD	COMP	COMP #	IWC2520	RELIEF	ALT	REMARKS
2-CS-79	Refueling ws tank to cent CP	8	ALL		ALL	C-G	4	VIS	
2-CS-79	Refueling ws tank to cent CP	6	ALL		ALL	C-G	4	VIS	
2-CS-80	SH to cent CP "E"	6	ALL		ALL	C-G	4	VIS	
2-CS-81	SH to cent CP "W"	6	ALL		ALL	C-G	4	VIS	

D.C. COOK NUCLEAR PLANT, UNIT 2

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

Attachment E

SYSTEM	EMERGENCY CORE COOLING (RHR)	CLASS 2	Flow Diagram No. 5143					REV. 4 2/1/83	
ISO	SYSTEM FUNCTION	SIZE	WELD	COMP	COMP #	IWC2520	RELIEF	ALT	REMARKS
2-RH-14	Fr RHR pump to residual HX	8	ALL		ALL	C-G	4	VIS	
2-RH-15	Fr RHR pump to residual HX	8	ALL		ALL	C-G	4	VIS	
2-RH-16	Fr RH128E & RH128W to IMO-314 & IMO-324	8	ALL		ALL	C-G	4	VIS	
2-RH-17	To CPN-16	12	ALL		ALL	C-G	4	VIS	
2-RH-18	Low head SI fr IMO-331 to CPN-50	8	ALL		ALL	C-G	4	VIS	
2-RH-19	RHR supply fr IMO-330 to CPN-51	8	ALL		ALL	C-G	4	VIS	
2-RH-20	Low head SI fr ICM-311 to CPN-49	8	ALL		ALL	C-G	4	VIS	
2-RH-21	Low head SI fr ICM-311 to CPN-48	8	ALL		ALL	C-G	4	VIS	
2-RH-22	From IMO-331 to SI pump	8	ALL		ALL	C-G	4	VIS	
2-RH-23	Resid HX to charge pp suct head	8	ALL		ALL	C-G	4	VIS	
2-RH-31	Fr CPN-16 to valves RH-133 and RH-134	12	ALL		ALL	C-G	4	VIS	
2-RH-32	RH-133 to accum No. 2 line	12	ALL		ALL	C-G	4	VIS	
2-RH-33	IMO-128 to CPN-47	14	ALL		ALL	C-G	4	VIS	
2-SI-57	Accumulator to check valve	10	7	EL-P		C-G	1	-	Possible access restrict*
2-SI-58	Accumulator to check valve	10	4	P-EL		C-G	1	-	Possible access restrict*
2-SI-60	ICM-311 to low head SI	8	ALL		ALL	C-G	4	VIS	
2-SI-62	ICM-321 to low head SI	8	ALL		ALL	C-G	4	VIS	
2-SI-7	RHR fr RH-104W to RHR pump	14	ALL		ALL	C-G	4	VIS	
2-SI-76	To SI-161-L2	6	ALL		ALL	C-G	4	VIS	IR4
2-SI-77	IMO-326 to SI-161-L3	8	ALL		ALL	C-G	4	VIS	
2-SI-78	To SI-161-L1	6	ALL		ALL	C-G	4	VIS	
2-SI-79	IMO-316 to SI-164-L4	8	ALL		ALL	C-G	4	VIS	
2-SI-8	RHR fr RH-104E to RHR pump	14	ALL		ALL	C-G	4	VIS	IR4
2-SI-9	IMO-390 to IMO-310 & IMO-320	14	ALL		ALL	C-G	4	VIS	

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D.C. COOK NUCLEAR PLANT, UNIT 2

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

Attachment E

SYSTEM	CONTAINMENT SPRAY	CLASS 2	Flow Diagram No. 5144				REV. 4 2/1/83		
ISO	SYSTEM FUNCTION	SIZE	WELD	COMP	COMP #	IWC2520	RELIEF	ALT	REMARKS
2-CTS-10	Disc piping fr CTS pu to cont spray HX	10	ALL		ALL	C-G	4	VIS	
2-CTS-11	Cont spray HX to CTS 124W	10	ALL		ALL	C-G	4	VIS	
2-CTS-12	Cont spray HX to CTS 128W	8	ALL		ALL	C-G	4	VIS	
2-CTS-13	Disc piping fr CTS pu to cont spray HX	10	ALL		ALL	C-G	4	VIS	
2-CTS-14	Cont spray HX to CTS 124E	10	ALL		ALL	C-G	4	VIS	
2-CTS-15	Cont spray HX to CTS 128E	8	ALL		ALL	C-G	4	VIS	

