

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8212280165 DOC. DATE: 82/12/20 NOTARIZED: NO DOCKET #  
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana & 05000315  
 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316  
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 DENTON, H.R. Office of Nuclear Reactor Regulation, Director

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

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December 20, 1982  
AEP:NRC:0070H

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

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

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

Dear Mr. Denton:

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

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

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

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

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

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

Table 1

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

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Table 2

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

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

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

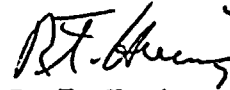
1. Attachment G, Page G-11, Item 2, Unit 2, Pressurizer to support skirt weld, LTP reference number 008505.
2. Attachment F, Page F-1, Units 1 & 2, Pipe to penetration weld covered by a whip restraint.





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

Very truly yours,



R. F. Hering  
Vice President

/os

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



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



D. C. COOK NUCLEAR PLANT, UNIT 1

Attachment B to  
AEP:NRC:000703  
Rev. submitted 00070

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System   |       | Main Steam |      | Class 2 |      | Flow Diagram No. 5105 |               | Rev.2 11/1/82 |                           |
|----------|-------|------------|------|---------|------|-----------------------|---------------|---------------|---------------------------|
| ISO      | PRESS | TEMP       | SIZE | WELD    | COMP | COMP NO               | IWC1220 CATEG | IWC2600       | REMARKS                   |
| 1-BD-500 | 1085  | 600        | 2    | ALL     |      | ALL                   | d             |               |                           |
| 1-BD-501 | 1085  | 600        | 2    | ALL     |      | ALL                   | d             |               |                           |
| 1-BD-502 | 1085  | 600        | 2    | ALL     |      | ALL                   | d             |               |                           |
| 1-BD-503 | 1085  | 600        | 2    | ALL     |      | ALL                   | d             |               |                           |
| 1-BD-512 | 1085  | 600        | 2    | ALL     |      | ALL                   | d             |               |                           |
| 1-BD-513 | 1085  | 600        | 2    | ALL     |      | ALL                   | d             |               | Up to DRV-311 and DRV-312 |
| 1-BD-514 | 1085  | 600        | 2    | ALL     |      | ALL                   | d             |               | Up to DRV-331 and DRV-332 |
| 1-BD-524 | 1085  | 600        | 2    | ALL     |      | ALL                   | d             |               | Up to DRV-341 and DRV-342 |
| 1-MS-1   | 1085  | 570        | 32   | 01F     | N-EL | SG 1                  |               | C-G           | C2.1                      |
| 1-MS-1   | 1085  | 570        | 32   | 02S     | EL-P |                       |               | C-G           | C2.1                      |
| 1-MS-1   | 1085  | 570        | —    |         | R    | MSR-1                 |               | C-E-2         | C2.6                      |
| 1-MS-1   | 1085  | 570        | 32   | 03S     | P-EL |                       |               | C-G           | C2.1                      |
| 1-MS-1   | 1085  | 570        | 32   | 04S     | ELRD |                       |               | C-G           | C2.1                      |
| 1-MS-1   | 1085  | 570        | —    |         | R    | MSR-2                 |               | C-E-2         | C2.6                      |
| 1-MS-1   | 1085  | 570        | 30   | 05F     | RD-P |                       |               | C-G           | C2.1                      |
| 1-MS-1   | 1085  | 570        | —    |         | R    | MSR-3                 |               | C-E-2         | C2.6                      |
| 1-MS-1   | 1085  | 570        | 30   | 06F     | P-P  |                       |               | C-G           | C2.1                      |
| 1-MS-1   | 1085  | 570        | —    |         | R    | MSR-4                 |               | C-E-2         | C2.6                      |
| 1-MS-1   | 1085  | 570        | —    |         | R    | MSR-5                 |               | C-E-2         | C2.6                      |
| 1-MS-1   | 1085  | 570        | 30   | 07S     | P-EL |                       |               | C-G           | C2.1                      |
| 1-MS-1   | 1085  | 570        | 30   | 08S     | ELEL |                       |               | C-G           | C2.1                      |
| 1-MS-1   | 1085  | 570        | 30   | 09F     | EL-P |                       |               | C-G           | C2.1                      |
| 1-MS-1   | 1085  | 570        | —    |         | H    | MSH-1                 |               | C-E-1,2       | C2.5,6                    |
| 1-MS-1   | 1085  | 570        | —    |         | H    | MSS-1                 |               | C-E-1,2       | C2.5,6                    |
| 1-MS-1   | 1085  | 570        | —    |         | H    | MSS-2                 |               | C-E-1,2       | C2.5,6                    |
| 1-MS-1   | 1085  | 570        | —    |         | R    | RESTRAINT             |               | C-E-2         | C2.6                      |
| 1-MS-1   | 1085  | 570        | —    |         | R    | RESTRAINT             |               | C-E-2         | C2.6                      |
| 1-MS-1   | 1085  | 570        | 1.5  | 13F     | P-P  |                       | d             |               |                           |
| 1-MS-1   | 1085  | 570        | 1.5  | 14F     | P-P  |                       | d             |               |                           |
| 1-MS-1   | 1085  | 570        | 2    | 15F     | P-P  |                       | d             |               |                           |
| 1-MS-1   | 1085  | 570        | 2    | 16F     | P-P  |                       | d             |               |                           |
| 1-MS-1   | 1085  | 570        | 2    | 17S     | P-EL |                       | d             |               |                           |
| 1-MS-1   | 1085  | 570        | 2    | 18S     | EL-P |                       | d             |               |                           |
| 1-MS-1   | 1085  | 570        | 2    | 19S     | P-EL |                       | d             |               |                           |

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System  | Main Steam | Class 2 |      | Flow Diagram No. 5105 |      | Rev.2 11/1/82 |               |         |         |
|---------|------------|---------|------|-----------------------|------|---------------|---------------|---------|---------|
| ISO     | PRESS      | TEMP    | SIZE | WELD                  | COMP | COMP NO.      | IWC1220 CATEG | IWC2600 | REMARKS |
| 1-MS-1  | 1085       | 570     | 2    | 20S                   | EL-V |               | d             |         |         |
| 1-MS-1  | 1085       | 570     | 0.75 | 21F                   | P-P  |               | d             |         |         |
| 1-MS-1  | 1085       | 570     | 0.75 | 22F                   | P-V  |               | d             |         |         |
| 1-MS-1  | 1085       | 570     | 0.75 | 23F                   | P-P  |               | d             |         |         |
| 1-MS-1  | 1085       | 570     | 0.75 | 24F                   | P-V  |               | d             |         |         |
| 1-MS-1  |            |         | 52   | 11S                   | PN   | CPN-2         |               | C-E-1   | C2.5    |
| 1-MS-10 | 1085       | 570     | 32   | 01F                   | N-EL | SG 3          |               | C-G     | C2.1    |
| 1-MS-10 | 1085       | 570     | 32   | 02S                   | EL-P |               |               | C-G     | C2.1    |
| 1-MS-10 | 1085       | 570     | —    |                       | R    | MSR-11        |               | C-E-2   | C2.6    |
| 1-MS-10 | 1085       | 570     | 32   | 03S                   | P-EL |               |               | C-G     | C2.1    |
| 1-MS-10 | 1085       | 570     | 32   | 04S                   | P-RD |               |               | C-G     | C2.1    |
| 1-MS-10 | 1085       | 570     | —    |                       | R    | MSR-12        |               | C-E-2   | C2.6    |
| 1-MS-10 | 1085       | 570     | 30   | 05F                   | RD-P |               |               | C-G     | C2.1    |
| 1-MS-10 | 1085       | 570     | —    |                       | R    | MSR-13        |               | C-3-2   | C2.6    |
| 1-MS-10 | 1085       | 570     | —    |                       | R    | MSR-14        |               | C-E-2   | C2.6    |
| 1-MS-10 | 1085       | 570     | 30   | 06F                   | P-P  |               |               | C-G     | C2.1    |
| 1-MS-10 | 1085       | 570     | —    |                       | R    | MSR-15        |               | C-E-2   | C2.6    |
| 1-MS-10 | 1085       | 570     | 30   | 07S                   | P-EL |               |               | C-G     | C2.1    |
| 1-MS-10 | 1085       | 570     | —    |                       | H    | MSH-3         |               | C-E-1,2 | C2.5,6  |
| 1-MS-10 | 1085       | 570     | —    |                       | H    | MSS-6         |               | C-E-1,2 | C2.5,6  |
| 1-MS-10 | 1085       | 570     | —    |                       | H    | MSS-5         |               | C-E-1,2 | C2.5,6  |
| 1-MS-10 | 1085       | 570     | —    |                       | R    | Restraint     |               | C-E-2   | C2.6    |
| 1-MS-10 | 1085       | 570     | —    |                       | R    | Restraint     |               | C-E-2   | C2.6    |
| 1-MS-10 | 1085       | 570     | 1.5  | 12F                   | P-P  |               | d             |         |         |
| 1-MS-10 | 1085       | 570     | 1.5  | 13F                   | P-P  |               | d             |         |         |
| 1-MS-10 | 1085       | 570     | 2    | 14F                   | P-P  |               | d             |         |         |
| 1-MS-10 | 1085       | 570     | 2    | 15F                   | P-P  |               | d             |         |         |
| 1-MS-10 | 1085       | 570     | 2    | 16S                   | P-EL |               | d             |         |         |
| 1-MS-10 | 1085       | 570     | 2    | 17S                   | EL-P |               | d             |         |         |
| 1-MS-10 | 1085       | 570     | 2    | 18S                   | P-EL |               | d             |         |         |
| 1-MS-10 | 1085       | 570     | 2    | 19S                   | EL-V |               | d             |         |         |
| 1-MS-10 | 1085       | 570     | 0.75 | 20F                   | P-P  |               | d             |         |         |
| 1-MS-10 | 1085       | 570     | 0.75 | 21S                   | P-V  |               | d             |         |         |
| 1-MS-10 | 1085       | 570     | 0.75 | 22F                   | P-P  |               | d             |         |         |

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System  | Main Steam |      |      |      | Class 2 | Flow Diagram No. 5105 |               |         |              | Rev.2 11/1/82 |
|---------|------------|------|------|------|---------|-----------------------|---------------|---------|--------------|---------------|
| ISO     | PRESS      | TEMP | SIZE | WELD | COMP    | COMP NO               | IWC1220 CATEG | IWC2600 | REMARKS      |               |
| 1-MS-10 | 1085       | 570  | 0.75 | 23S  | P-V     |                       | d             |         |              |               |
| 1-MS-10 |            |      | 52   | 10S  | PN      | CPN-4                 | C-E-1         | C2.5    |              |               |
| 1-MS-10 | 1085       | 570  | 30   | 08F  | EL-P    |                       | C-G           | C2.1    |              |               |
| 1-MS-11 | 1085       | 570  | 30   | 01S  | PN      | CPN-4                 | C-E-1         | C2.5    |              |               |
| 1-MS-11 | 1085       | 570  | 30   | 02F  | PN-P    | CPN-4                 | C-G           | C2.1    |              |               |
| 1-MS-11 | 1085       | 570  | 30   | 03S  | P-TE    |                       | C-G           | C2.1    |              |               |
| 1-MS-11 | 1085       | 570  | 30   | 04F  | P-V     | MRV-230               | C-G           | C2.1    |              |               |
| 1-MS-11 | 1085       | 570  | 30   | 05F  | TE-P    |                       | C-G           | C2.1    |              |               |
| 1-MS-11 | 1085       | 570  | 30   | 06S  | P-TE    |                       | C-G           | C2.1    |              |               |
| 1-MS-11 | 1085       | 570  | 30   | 07S  | TE-P    |                       | C-G           | C2.1    |              |               |
| 1-MS-11 | 1085       | 570  | --   |      | R       | Restraint             | C-E-2         | C2.6    |              |               |
| 1-MS-11 | 1085       | 570  | 30   | 08S  | P-C     |                       | C-G           | C2.1    |              |               |
| 1-MS-11 | 1085       | 570  | 30   | 09S  | TE-P    |                       | C-G           | C2.1    |              |               |
| 1-MS-11 | 1085       | 570  | --   |      | R       | Restraint             | C-E-2         | C2.6    |              |               |
| 1-MS-11 | 1085       | 570  | 30   | 10S  | P-C     |                       | C-G           | C2.1    |              |               |
| 1-MS-11 | 1085       | 570  | 6    | 11S  | P-F     |                       | C-G           | C2.1    |              |               |
| 1-MS-11 | 1085       | 570  | 6    | 12S  | P-F     |                       | C-G           | C2.1    |              |               |
| 1-MS-11 | 1085       | 570  | 6    | 13S  | P-F     |                       | C-G           | C2.1    |              |               |
| 1-MS-11 | 1085       | 570  | 6    | 14S  | P-F     |                       | C-G           | C2.1    |              |               |
| 1-MS-11 | 1085       | 570  | 6    | 15S  | P-F     |                       | C-G           | C2.1    |              |               |
| 1-MS-11 | 1085       | 570  | 1    | 16F  | P-P     |                       | d             |         |              |               |
| 1-MS-11 | 1085       | 570  | 1    | 17S  | P-V     |                       | d             |         |              |               |
| 1-MS-11 | 1085       | 570  | 1    | 18F  | P-P     |                       | d             |         |              |               |
| 1-MS-11 | 1085       | 570  | 1    | 19S  | P-V     |                       | d             |         |              |               |
| 1-MS-11 | 1085       | 570  | 1    | 20F  | P-P     |                       | d             |         |              |               |
| 1-MS-11 | 1085       | 570  | 1    | 21S  | P-EL    |                       | d             |         |              |               |
| 1-MS-11 | 1085       | 570  | 1    | 22F  | EL-V    |                       | d             |         |              |               |
| 1-MS-11 | 1085       | 570  | --   |      | S       | Support               | C-E-2         | C2.6    | Line support |               |
| 1-MS-11 | 1085       | 570  | --   |      | S       | Support               | C-E-2         | C2.6    | Line support |               |
| 1-MS-11 | 1085       | 570  | 6    | 26   | P-P     |                       | C-G           | C2.1    |              |               |
| 1-MS-14 | 1085       | 570  | 32   | 01F  | N-EL    | SG 4                  | C-G           | C2.1    |              |               |
| 1-MS-14 | 1085       | 570  | 32   | 02S  | EL-P    |                       | C-G           | C2.1    |              |               |
| 1-MS-14 | 1085       | 570  | --   |      | R       | MSR-16                | C-E-2         | C2.6    |              |               |
| 1-MS-14 | 1085       | 570  | 32   | 03S  | P-EL    |                       | C-G           | C2.1    |              |               |

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System  | Main Steam |      |      |      | Class 2 |           | Flow Diagram No. 5105 |         |              | Rev.2 11/1/82 |
|---------|------------|------|------|------|---------|-----------|-----------------------|---------|--------------|---------------|
| ISO     | PRESS      | TEMP | SIZE | WELD | COMP    | COMP NO   | IWC1220 CATEG         | IWC2600 | REMARKS      |               |
| 1-MS-14 | 1085       | 570  | 32   | 04S  | ELRD    |           | C-G                   | C2.1    |              |               |
| 1-MS-14 | 1085       | 570  | ---  |      | R       | MSR-17    | C-E-2                 | C2.6    |              |               |
| 1-MS-14 | 1085       | 570  | 30   | 05F  | RD-P    |           | C-G                   | C2.1    |              |               |
| 1-MS-14 | 1085       | 570  | ---  |      | R       | MSR-18    | C-E-2                 | C2.6    |              |               |
| 1-MS-14 | 1085       | 570  | 30   | 06F  | P-P     |           | C-G                   | C2.1    |              |               |
| 1-MS-14 | 1085       | 570  | ---  |      | R       | MSR-19    | C-E-2                 | C2.6    |              |               |
| 1-MS-14 | 1085       | 570  | ---  |      | R       | MSR-20    | C-E-2                 | C2.6    |              |               |
| 1-MS-14 | 1085       | 570  | 30   | 07S  | P-EL    |           | C-G                   | C2.1    |              |               |
| 1-MS-14 | 1085       | 570  | ---  |      | H       | MSH-4     | C-E-1,2               | C2.5,6  |              |               |
| 1-MS-14 | 1085       | 570  | 30   | 08F  | EL-P    |           | C-G                   | C2.1    |              |               |
| 1-MS-14 | 1085       | 570  | ---  |      | H       | MSS-8     | C-E-1,2               | C2.5,6  |              |               |
| 1-MS-14 | 1085       | 570  | ---  |      | H       | MSS-7     | C-E-1,2               | C2.5,6  |              |               |
| 1-MS-14 | 1085       | 570  | ---  |      | R       | Restraint | C-E-2                 | C2.6    |              |               |
| 1-MS-14 | 1085       | 570  | ---  |      | R       | Restraint | C-E-2                 | C2.6    |              |               |
| 1-MS-14 | 1085       | 570  | 1.5  | 12F  | P-P     |           | d                     |         |              |               |
| 1-MS-14 | 1085       | 570  | 1.5  | 13F  | P-P     |           | d                     |         |              |               |
| 1-MS-14 | 1085       | 570  | 2    | 14F  | P-P     |           | d                     |         |              |               |
| 1-MS-14 | 1085       | 570  | 2    | 15F  | P-P     |           | d                     |         |              |               |
| 1-MS-14 | 1085       | 570  | 2    | 16S  | P-EL    |           | d                     |         |              |               |
| 1-MS-14 | 1085       | 570  | 2    | 17S  | EL-P    |           | d                     |         |              |               |
| 1-MS-14 | 1085       | 570  | 2    | 18S  | P-EL    |           | d                     |         |              |               |
| 1-MS-14 | 1085       | 570  | 2    | 19S  | EL-V    |           | d                     |         |              |               |
| 1-MS-14 | 1085       | 570  | 0.75 | 20F  | P-P     |           | d                     |         |              |               |
| 1-MS-14 | 1085       | 570  | 0.75 | 21S  | P-V     |           | d                     |         |              |               |
| 1-MS-14 | 1085       | 570  | 0.75 | 22F  | P-P     |           | d                     |         |              |               |
| 1-MS-14 | 1085       | 570  | 0.75 | 23S  | P-V     |           | d                     |         |              |               |
| 1-MS-14 |            |      | 52   | 10S  | PN      | CPN-5     | C-E-1                 | C2.5    |              |               |
| 1-MS-15 | 1085       | 570  | 30   | 01F  | PN      | CPN-5     | C-E-1                 | C2.5    |              |               |
| 1-MS-15 | 1085       | 570  | 30   | 02F  | PN-P    | CPN-5     | C-G                   | C2.1    |              |               |
| 1-MS-15 | 1085       | 570  | 30   | 03S  | P-TE    |           | C-G                   | C2.1    |              |               |
| 1-MS-15 | 1085       | 570  | 30   | 04F  | TE-V    | MRV-240   | C-G                   | C2.1    |              |               |
| 1-MS-15 | 1085       | 570  | 30   | 05F  | TE-P    |           | C-G                   | C2.1    |              |               |
| 1-MS-15 | 1085       | 570  | ---  |      | S       | Support   | C-E-2                 | C2.6    | Line support |               |
| 1-MS-15 | 1085       | 570  | 30   | 06S  | P-TE    |           | C-G                   | C2.1    |              |               |



D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System   | Main Steam |      | Class 2 |      | Flow Diagram No. 5105 |            | Rev.2 11/1/82 |         |              |
|----------|------------|------|---------|------|-----------------------|------------|---------------|---------|--------------|
| ISO      | PRESS      | TEMP | SIZE    | WELD | COMP                  | COMP NO    | IWC1220 CATEG | IWC2600 | REMARKS      |
| 1-MS-15  | 1085       | 570  | --      |      | S                     | Support    | C-E-2         | C2.6    | Line support |
| 1-MS-15  | 1085       | 570  | 30      | 07S  | TE-P                  |            | C-G           | C2.1    |              |
| 1-MS-15  | 1085       | 570  | --      |      | R                     | Restraint  | C-E-2         | C2.6    |              |
| 1-MS-15  | 1085       | 570  | 30      | 08S  | P-C                   |            | C-G           | C2.1    |              |
| 1-MS-15  | 1085       | 570  | 30      | 09S  | TE-P                  |            | C-G           | C2.1    |              |
| 1-MS-15  | 1085       | 570  | --      |      | R                     | Restraint  | C-E-2         | C2.6    |              |
| 1-MS-15  | 1085       | 570  | 30      | 10S  | P-C                   |            | C-G           | C2.1    |              |
| 1-MS-15  | 1085       | 570  | 6       | 11S  | P-F                   |            | C-G           | C2.1    |              |
| 1-MS-15  | 1085       | 570  | 6       | 12S  | P-F                   |            | C-G           | C2.1    |              |
| 1-MS-15  | 1085       | 570  | 6       | 13S  | P-F                   |            | C-G           | C2.1    |              |
| 1-MS-15  | 1085       | 570  | 6       | 14S  | P-F                   |            | C-G           | C2.1    |              |
| 1-MS-15  | 1085       | 570  | 6       | 15S  | P-F                   |            | C-G           | C2.1    |              |
| 1-MS-15  | 1085       | 570  | 1       | 16F  | P-P                   |            | d             |         |              |
| 1-MS-15  | 1085       | 570  | 1       | 17S  | P-V                   |            | d             |         |              |
| 1-MS-15  | 1085       | 570  | 1       | 18F  | P-P                   |            | d             |         |              |
| 1-MS-15  | 1085       | 570  | 1       | 19S  | EL-V                  |            | d             |         |              |
| 1-MS-15  | 1085       | 570  | 1       | 20F  | P-P                   |            | d             |         |              |
| 1-MS-15  | 1085       | 570  | 1       | 21S  | P-V                   |            | d             |         |              |
| 1-MS-15  | 1085       | 570  | 1       | 22   | P-EL                  |            | d             |         |              |
| 1-MS-15  | 1085       | 570  | 6       | 23   | N-P                   |            | C-G           | C2.1    |              |
| 1-MS-189 | 1085       | 570  | 6       | 01S  | EL-P                  |            | C-G           | C2.1    |              |
| 1-MS-189 | 1085       | 570  | 6       | 02S  | P-EL                  |            | C-G           | C2.1    |              |
| 1-MS-189 | 1085       | 570  | 6       | 03S  | EL-P                  |            | C-G           | C2.1    |              |
| 1-MS-189 | 1085       | 570  | 6       | 04F  | P-EL                  |            | C-G           | C2.1    |              |
| 1-MS-189 | 1085       | 570  | 6       | 05S  | EL-P                  |            | C-G           | C2.1    |              |
| 1-MS-189 | 1085       | 570  | 6       | 06S  | P-EL                  |            | C-G           | C2.1    |              |
| 1-MS-189 | 1085       | 570  | 6       | 07S  | EL-P                  |            | C-G           | C2.1    |              |
| 1-MS-189 | 1085       | 570  | 6       | 08S  | P-EL                  |            | C-G           | C2.1    |              |
| 1-MS-189 | 1085       | 570  | --      |      | H                     | 1-GMS-V825 | C-E-1, 2      | C2.5, 6 |              |
| 1-MS-189 | 1085       | 570  | 6       | 09F  | EL-V                  | MSV-101-1  | C-G           | C2.1    |              |
| 1-MS-189 | 1085       | 570  | 6       | 10F  | V-P                   | MSV-101-1  | C-G           | C2.1    |              |
| 1-MS-189 | 1085       | 570  | 6       | 11F  | P-V                   | MRV-213    | C-G           | C2.1    |              |
| 1-MS-190 | 1085       | 570  | 6       | 01F  | P-P                   |            | C-G           | C2.1    |              |
| 1-MS-190 | 1085       | 570  | 6       | 02S  | P-EL                  |            | C-G           | C2.1    |              |

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D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System   | Main Steam |      |      | Class 2 |      | Flow Diagram No. 5105 |               |         |         | Rev.2 11/1/82 |
|----------|------------|------|------|---------|------|-----------------------|---------------|---------|---------|---------------|
| ISO      | PRESS      | TEMP | SIZE | WELD    | COMP | COMP NO               | IWC1220 CATEG | IWC2600 | REMARKS |               |
| 1-MS-190 | 1085       | 570  | 6    | 03S     | EL-P |                       |               |         |         |               |
| 1-MS-190 | 1085       | 570  | 6    | 04F     | P-EL |                       | C-G           | C2.1    |         |               |
| 1-MS-190 | 1085       | 570  | 6    | 05S     | EL-P |                       | C-G           | C2.1    |         |               |
| 1-MS-190 | 1085       | 570  | --   |         | H    | 1-GMS-R837            | C-E-1,2       | C2.5,6  |         |               |
| 1-MS-190 | 1085       | 570  | 6    | 06S     | P-EL |                       | C-G           | C2.1    |         |               |
| 1-MS-190 | 1085       | 570  | --   |         | H    | 1-GMS-L829            | C-E-1,2       | C2.5,6  |         |               |
| 1-MS-190 | 1085       | 570  | 6    | 07S     | EL-P |                       | C-G           | C2.1    |         |               |
| 1-MS-190 | 1085       | 570  | --   |         | H    | 1-GMS-V828            | C-E-2         | C2.6    |         |               |
| 1-MS-190 | 1085       | 570  | 6    | 08S     | P-EL |                       | C-G           | C2.1    |         |               |
| 1-MS-190 | 1085       | 570  | 6    | 09S     | EL-P |                       | C-G           | C2.1    |         |               |
| 1-MS-190 | 1085       | 570  | 6    | 10F     | P-V  | MSV-101-2             | C-G           | C2.1    |         |               |
| 1-MS-190 | 1085       | 570  | 6    | 11F     | V-P  | MSV-101-2             | C-G           | C2.1    |         |               |
| 1-MS-190 | 1085       | 570  | 6    | 12F     | P-V  | MRV-223               | C-G           | C2.1    |         |               |
| 1-MS-191 | 1085       | 570  | 6    | 01F     | TE-P |                       | C-G           | C2.1    |         |               |
| 1-MS-191 | 1085       | 570  | 6    | 02S     | P-EL |                       | C-G           | C2.1    |         |               |
| 1-MS-191 | 1085       | 570  | 6    | 03S     | EL-P |                       | C-G           | C2.1    |         |               |
| 1-MS-191 | 1085       | 570  | 6    | 04F     | P-EL |                       | C-G           | C2.1    |         |               |
| 1-MS-191 | 1085       | 570  | 6    | 05S     | EL-P |                       | C-G           | C2.1    |         |               |
| 1-MS-191 | 1085       | 570  | --   |         | H    | 1-GMS-R836            | C-E-1,2       | C2.5,6  |         |               |
| 1-MS-191 | 1085       | 570  | 6    | 06S     | P-EL |                       | C-G           | C2.1    |         |               |
| 1-MS-191 | 1085       | 570  | --   |         | H    | 1-GMS-L832            | C-E-1,2       | C2.5,6  |         |               |
| 1-MS-191 | 1085       | 570  | 6    | 07S     | EL-P |                       | C-G           | C2.1    |         |               |
| 1-MS-191 | 1085       | 570  | --   |         | H    | 1-GMS-V831            | C-E-2         | C2.6    |         |               |
| 1-MS-191 | 1085       | 570  | 6    | 08S     | P-EL |                       | C-G           | C2.1    |         |               |
| 1-MS-191 | 1085       | 570  | 6    | 09S     | EL-P |                       | C-G           | C2.1    |         |               |
| 1-MS-191 | 1085       | 570  | 6    | 10F     | P-V  | MSV-101-3             | C-G           | C2.1    |         |               |
| 1-MS-191 | 1085       | 570  | 6    | 11F     | V-P  | MSV-101-3             | C-G           | C2.1    |         |               |
| 1-MS-191 | 1085       | 570  | 6    | 12F     | P-V  | MRV-233               | C-G           | C2.1    |         |               |
| 1-MS-191 | 1085       | 570  | 6    | 08S     | P-EL |                       | C-G           | C2.1    |         |               |
| 1-MS-192 | 1085       | 570  | 6    | 01F     | TEEL |                       | C-G           | C2.1    |         |               |
| 1-MS-192 | 1085       | 570  | 6    | 02S     | EL-P |                       | C-G           | C2.1    |         |               |
| 1-MS-192 | 1085       | 570  | 6    | 03S     | P-EL |                       | C-G           | C2.1    |         |               |
| 1-MS-192 | 1085       | 570  | 6    | 04S     | EL-P |                       | C-G           | C2.1    |         |               |
| 1-MS-192 | 1085       | 570  | 6    | 05F     | P-EL |                       | C-G           | C2.1    |         |               |



D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System   | Main Steam |      |      |      | Class 2 |            | Flow Diagram No. 5105 |         | Rev.2 J11/1/82 |
|----------|------------|------|------|------|---------|------------|-----------------------|---------|----------------|
| ISO      | PRESS      | TEMP | SIZE | WELD | COMP    | COMP NO    | IWC1220 CATEG         | IWC2600 | REMARKS        |
| 1-MS-192 | 1085       | 570  | 6    | 06S  | EL-P    |            | C-G                   | C2.1    |                |
| 1-MS-192 | 1085       | 570  | 6    | 07S  | P-EL    |            | C-G                   | C2.1    |                |
| 1-MS-192 | 1085       | 570  | 6    | 08S  | EL-P    |            | C-G                   | C2.1    |                |
| 1-MS-192 | 1085       | 570  | 6    | 09S  | P-EL    |            | C-G                   | C2.1    |                |
| 1-MS-192 | 1085       | 570  | ---  |      | H       | 1-GMS-V834 | C-E-1,2               | C2.5,6  |                |
| 1-MS-192 | 1085       | 570  | 6    | 10F  | EL-V    | MSR-101-4  | C-G                   | C2.1    |                |
| 1-MS-192 | 1085       | 570  | 6    | 11F  | V-P     | MSR-101-4  | C-G                   | C2.1    |                |
| 1-MS-192 | 1085       | 570  | 6    | 12F  | P-V     | MRV-243    | C-G                   | C2.1    |                |
| 1-MS-2   | 1085       | 570  | 30   | 01F  | PN      | CPN-2      | C-E-1                 | C2.5    |                |
| 1-MS-2   | 1085       | 570  | 30   | 02F  | PNTE    | CPN-2      | C-G                   | C2.1    |                |
| 1-MS-2   | 1085       | 570  | 30   | 03F  | TE-V    | MRV-210    | C-G                   | C2.1    |                |
| 1-MS-2   | 1085       | 570  | 30   | 04F  | TE-P    |            | C-G                   | C2.1    |                |
| 1-MS-2   | 1085       | 570  | ---  |      | S       | SUPPORT    | C-E-2                 | C2.6    |                |
| 1-MS-2   | 1085       | 570  | 30   | 05S  | P-TE    |            | C-G                   | C2.1    |                |
| 1-MS-2   | 1085       | 570  | ---  |      | S       | SUPPORT    | C-E-2                 | C2.6    |                |
| 1-MS-2   | 1085       | 570  | 30   | 06S  | TE-P    |            | C-G                   | C2.1    |                |
| 1-MS-2   | 1085       | 570  | ---  |      | R       | RESTRAINT  | C-E-2                 | C2.6    |                |
| 1-MS-2   | 1085       | 570  | 30   | 07S  | P-C     |            | C-G                   | C2.1    |                |
| 1-MS-2   | 1085       | 570  | 30   | 08S  | TE-P    |            | C-G                   | C2.1    |                |
| 1-MS-2   | 1085       | 570  | ---  |      | R       | RESTRAINT  | C-E-2                 | C2.6    |                |
| 1-MS-2   | 1085       | 570  | 30   | 09S  | P-C     |            | C-G                   | C2.1    |                |
| 1-MS-2   | 1085       | 570  | 6    | 10F  | P-EL    |            | C-G                   | C2.1    |                |
| 1-MS-2   | 1085       | 570  | 6    | 11S  | P-F     |            | C-G                   | C2.1    |                |
| 1-MS-2   | 1085       | 570  | 6    | 12S  | P-F     |            | C-G                   | C2.1    |                |
| 1-MS-2   | 1085       | 570  | 6    | 13S  | P-F     |            | C-G                   | C2.1    |                |
| 1-MS-2   | 1085       | 570  | 6    | 14S  | P-F     |            | C-G                   | C2.1    |                |
| 1-MS-2   | 1085       | 570  | 6    | 15S  | P-F     |            | C-G                   | C2.1    |                |
| 1-MS-2   | 1085       | 570  | 1    | 16F  | P-P     |            | d                     |         |                |
| 1-MS-2   | 1085       | 570  | 1    | 17S  | P-V     |            | d                     |         |                |
| 1-MS-2   | 1085       | 570  | 1    | 18F  | P-P     |            | d                     |         |                |
| 1-MS-2   | 1085       | 570  | 1    | 19S  | P-V     |            | d                     |         |                |
| 1-MS-2   | 1085       | 570  | 1    | 20F  | P-P     |            | d                     |         |                |
| 1-MS-2   | 1085       | 570  | 1    | 21S  | P-V     |            | d                     |         |                |
| 1-MS-2   | 1085       | 570  | 1    | 22F  | P-P     |            | d                     |         |                |

D. C. COOK NUCLEAR PLANT, UNIT 1

TAB E 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System  | Main Steam |      |      |      | Class 2 |           | Flow Diagram No. | 5105    |                | Rev.2 11/1/82 |
|---------|------------|------|------|------|---------|-----------|------------------|---------|----------------|---------------|
| ISO     | PRESS      | TEMP | SIZE | WELD | COMP    | COMP NO   | IWC1220 CATEG    | IWC2600 | REMARKS        |               |
| 1-MS-2  | 1085       | 570  | 6    | 23F  | N-P     |           | C-G              | C2.1    |                | R2            |
| 1-MS-49 | 1085       | 570  | 4    | ALL  |         | ALL       | d                |         | Up to MS-108-2 |               |
| 1-MS-50 | 1085       | 570  | 4    | ALL  |         | ALL       | d                |         | Up to MCM-231  |               |
| 1-MS-6  | 1085       | 570  | 32   | 01F  | N-P     | SG 2      | C-G              | C2.1    |                |               |
| 1-MS-6  | 1085       | 570  | 32   | 02S  | P-EL    |           | C-G              | C2.1    |                |               |
| 1-MS-6  | 1085       | 570  | 32   | 03S  | EL-P    |           | C-G              | C2.1    |                |               |
| 1-MS-6  | 1085       | 570  | --   |      | R       | MSR-6     | C-E-2            | C2.6    |                |               |
| 1-MS-6  | 1085       | 570  | 32   | 04S  | P-EL    |           | C-G              | C2.1    |                |               |
| 1-MS-6  | 1085       | 570  | 32   | 05S  | ELRD    |           | C-G              | C2.1    |                |               |
| 1-MS-6  | 1085       | 570  | --   |      | R       | MSR-7     | C-E-2            | C2.6    |                |               |
| 1-MS-6  | 1085       | 570  | 30   | 06F  | RD-P    |           | C-G              | C2.1    |                |               |
| 1-MS-6  | 1085       | 570  | --   |      | R       | MSR-8     | C-E-2            | C2.6    |                |               |
| 1-MS-6  | 1085       | 570  | 30   | 07F  | P-P     |           | C-G              | C2.1    |                |               |
| 1-MS-6  | 1085       | 570  | --   |      | R       | MSR-9     | C-E-2            | C2.6    |                |               |
| 1-MS-6  | 1085       | 570  | --   |      | R       | MSR-10    | C-E-2            | C2.6    |                |               |
| 1-MS-6  | 1085       | 570  | 30   | 08S  | P-P     |           | C-G              | C2.1    |                |               |
| 1-MS-6  | 1085       | 570  | --   |      | H       | MSH-2     | C-E-1,2          | C2.5,6  |                |               |
| 1-MS-6  | 1085       | 570  | 30   | 09F  | P-P     |           | C-G              | C2.1    |                |               |
| 1-MS-6  | 1085       | 570  | --   |      | H       | MSS-3     | C-E-1,2          | C2.5,6  |                |               |
| 1-MS-6  | 1085       | 570  | --   |      | H       | MSS-4     | C-E-1,2          | C2.5,6  |                |               |
| 1-MS-6  | 1085       | 570  | --   |      | R       | RESTRAINT | C-E-2            | C2.6    |                |               |
| 1-MS-6  | 1085       | 570  | --   |      | R       | RESTRAINT | C-E-2            | C2.6    |                |               |
| 1-MS-6  | 1085       | 570  | 1.5  | 13F  | P-P     |           | d                |         |                |               |
| 1-MS-6  | 1085       | 570  | 1.5  | 14F  | P-P     |           | d                |         |                |               |
| 1-MS-6  | 1085       | 570  | 2    | 15F  | P-P     |           | d                |         |                |               |
| 1-MS-6  | 1085       | 570  | 2    | 16F  | P-P     |           | d                |         |                |               |
| 1-MS-6  | 1085       | 570  | 2    | 17S  | P-EL    |           | d                |         |                |               |
| 1-MS-6  | 1085       | 570  | 2    | 18S  | EL-P    |           | d                |         |                |               |
| 1-MS-6  | 1085       | 570  | 2    | 19S  | P-EL    |           | d                |         |                |               |
| 1-MS-6  | 1085       | 570  | 2    | 20S  | EL-P    |           | d                |         |                |               |
| 1-MS-6  | 1085       | 570  | 2    | 21S  | P-V     |           | d                |         |                |               |
| 1-MS-6  | 1085       | 570  | 0.75 | 22F  | P-P     |           | d                |         |                |               |
| 1-MS-6  | 1085       | 570  | 0.75 | 23S  | P-V     |           | d                |         |                |               |
| 1-MS-6  | 1085       | 570  | 0.75 | 24F  | P-P     |           | d                |         |                |               |

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System   |       | Main Steam |      | Class 2 |      | Flow Diagram No. 5105 |               | Rev.2 11/1/82 |                             |
|----------|-------|------------|------|---------|------|-----------------------|---------------|---------------|-----------------------------|
| ISO      | PRESS | TEMP       | SIZE | WELD    | COMP | COMP NO               | IWC1220 CATEG | IWC2600       | REMARKS                     |
| 1-MS-6   | 1085  | 570        | 0.75 | 25S     | P-V  |                       | d             |               |                             |
| 1-MS-6   |       |            | 52   | 11S     | PN   | CPN-3                 |               | C-E-1         | C2.5                        |
| 1-MS-661 | 1085  | 570        | 2    | ALL     |      | ALL                   | d             |               | Up to MS-109-1              |
| 1-MS-662 | 1085  | 570        | 2    | ALL     |      | ALL                   | d             |               | Up to MS-109-4              |
| 1-MS-663 | 1085  | 570        | 2    | ALL     |      | ALL                   | d             |               | Up to MS-110-2 and MS-109-2 |
| 1-MS-664 | 1085  | 570        | 2    | ALL     |      | ALL                   | d             |               | Up to MS-109-3              |
| 1-MS-7   | 1085  | 570        | 30   | 01S     | PN   | CPN-3                 |               | C-E-1         | C2.5                        |
| 1-MS-7   | 1085  | 570        | 30   | 02F     | PN-P | CPN-3                 |               | C-G           | C2.1                        |
| 1-MS-7   | 1085  | 570        | 30   | 03S     | P-TE |                       |               | C-G           | C2.1                        |
| 1-MS-7   | 1085  | 570        | 30   | 04F     | TE-V | MRV-220               |               | C-G           | C2.1                        |
| 1-MS-7   | 1085  | 570        | 30   | 05F     | TE-P |                       |               | C-G           | C2.1                        |
| 1-MS-7   | 1085  | 570        | 30   | 06S     | P-TE |                       |               | C-G           | C2.1                        |
| 1-MS-7   | 1085  | 570        | 30   | 07S     | TE-P |                       |               | C-G           | C2.1                        |
| 1-MS-7   | 1085  | 570        | --   |         | R    | RESTRAINT             |               | C-E-2         | C2.6                        |
| 1-MS-7   | 1085  | 570        | 30   | 08S     | P-C  |                       |               | C-G           | C2.1                        |
| 1-MS-7   | 1085  | 570        | 30   | 09S     | TE-P |                       |               | C-G           | C2.1                        |
| 1-MS-7   | 1085  | 570        | --   |         | R    | RESTRAINT             |               | C-E-2         | C2.6                        |
| 1-MS-7   | 1085  | 570        | 30   | 10S     | P-C  |                       |               | C-G           | C2.1                        |
| 1-MS-7   | 1085  | 570        | 6    | 11S     | P-F  |                       |               | C-G           | C2.1                        |
| 1-MS-7   | 1085  | 570        | 6    | 12S     | P-F  |                       |               | C-G           | C2.1                        |
| 1-MS-7   | 1085  | 570        | 6    | 13S     | P-F  |                       |               | C-G           | C2.1                        |
| 1-MS-7   | 1085  | 570        | 6    | 14S     | P-F  |                       |               | C-G           | C2.1                        |
| 1-MS-7   | 1085  | 570        | 6    | 15S     | P-F  |                       |               | C-G           | C2.1                        |
| 1-MS-7   | 1085  | 570        | 1    | 16F     | P-P  |                       | d             |               |                             |
| 1-MS-7   | 1085  | 570        | 1    | 17S     | P-V  |                       | d             |               |                             |
| 1-MS-7   | 1085  | 570        | 1    | 18F     | P-P  |                       | d             |               |                             |
| 1-MS-7   | 1085  | 570        | 1    | 19S     | P-V  |                       | d             |               |                             |
| 1-MS-7   | 1085  | 570        | 1    | 20F     | P-P  |                       | d             |               |                             |
| 1-MS-7   | 1085  | 570        | 1    | 21S     | P-EL |                       | d             |               |                             |
| 1-MS-7   | 1085  | 570        | 6    | 22F     | P-P  |                       |               | C-G           | C2.1                        |
| 1-MS-7   | 1085  | 570        | --   |         | S    | SUPPORT               |               | C-E-2         | C2.6                        |
| 1-MS-7   | 1085  | 570        | --   |         | S    | SUPPORT               |               | C-E-2         | C2.6                        |
| 1-MS-7   | 1085  | 570        | 1    | 41      | EL-V |                       | d             |               | Line support                |

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

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

No entries this page. Submitted for continuity only





TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System     |       | Feedwater |      | Class 2 |      | Flow Diagram No. 5106 |               | Rev.2 11/1/82 |                          |
|------------|-------|-----------|------|---------|------|-----------------------|---------------|---------------|--------------------------|
| ISO        | PRESS | TEMP      | SIZE | WELD    | COMP | COMP NO               | IWC1220 CATEG | IWC2600       | REMARKS                  |
| BLI-110,V1 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLI-120,V1 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLI-130,V1 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLI-140,V1 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-110,V1 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-110,V2 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-111,V1 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-111,V2 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-112,V1 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-112,V2 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-120,V1 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-120,V2 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-121,V1 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-121,V2 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-122,V1 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-122,V2 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-130,V1 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-130,V2 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-131,V1 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-131,V2 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-132,V1 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-132,V2 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-140,V2 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-140,V1 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-141,V1 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-141,V2 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-142,V1 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| BLP-142,V2 | 1085  | 600       | 0.75 | ALL     |      | ALL                   | d             |               |                          |
| 1-CF-519   | 1085  | 600       | 0.5  | ALL     |      | ALL                   | d             |               | From CF-122 to feedwater |
| 1-CF-520   | 1085  | 600       | 0.5  | ALL     |      | ALL                   | d             |               | From CF-123 to feedwater |
| 1-CF-521   | 1085  | 600       | 0.5  | ALL     |      | ALL                   | d             |               | Fr CF-124 to feedwater   |
| 1-CF-522   | 1085  | 600       | 0.5  | ALL     |      | ALL                   | d             |               | From CF-125 to feedwater |
| 1-FW-10    | 1170  | 440       | 14   | 01F     | V-P  | FMO-203               |               | C-G           | C2.1                     |
| 1-FW-10    | 1170  | 440       | 14   | 02S     | P-EL |                       |               | C-G           | C2.1                     |



D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND FIELDS IN ACCORDANCE WITH CEE REQUIREMENTS

| System  |       | Feedwater |      | Class 2 |      | Flow Diagram No. 5106 |               |         |         | Rev.2 11/1/82 |
|---------|-------|-----------|------|---------|------|-----------------------|---------------|---------|---------|---------------|
| ISO     | PRESS | TEMP      | SIZE | WELD    | COMP | COMP NO               | IWC1220 CATEG | IWC2600 | REMARKS |               |
| 1-FW-10 | 1170  | 440       | --   |         | R    | 1-GFW-L141            | C-E-1,2       | C2.5,6  |         |               |
| 1-FW-10 | 1170  | 440       | 14   | 03S     | EL-P |                       | C-G           | C2.1    |         |               |
| 1-FW-10 | 1170  | 440       | 14   | 04S     | P-EL |                       | C-G           | C2.1    |         |               |
| 1-FW-10 | 1170  | 440       | 14   | 05F     | EL-P |                       | C-G           | C2.1    |         |               |
| 1-FW-10 | 1170  | 440       | 14   | 06S     | P-EL |                       | C-G           | C2.1    |         |               |
| 1-FW-10 | 1170  | 440       | 14   | 07S     | EL-P |                       | C-G           | C2.1    |         |               |
| 1-FW-10 | 1170  | 440       | --   |         | H    | 1-GFW-V142            | C-E-2         | C2.6    |         |               |
| 1-FW-10 | 1170  | 440       | --   |         | H    | 1-GFW-L867            | C-E-2         | C2.6    |         |               |
| 1-FW-10 | 1170  | 440       | 14   | 08F     | P-P  |                       | C-G           | C2.1    |         |               |
| 1-FW-10 | 1170  | 440       | 14   | 09F     | P-P  |                       | C-G           | C2.1    |         |               |
| 1-FW-10 | 1170  | 440       | --   |         | H    | 1-GFW-V143            | C-E-2         | C2.6    |         |               |
| 1-FW-10 | 1170  | 440       | 14   | 10S     | P-EL |                       | C-G           | C2.1    |         |               |
| 1-FW-10 | 1170  | 440       | 14   | 11F     | ELEL |                       | C-G           | C2.1    |         |               |
| 1-FW-10 | 1170  | 440       | 14   | 12S     | EL-P |                       | C-G           | C2.1    |         |               |
| 1-FW-10 | 1170  | 440       | --   |         | H    | 1-GFW-L144            | C-E-1,2       | C2.5,6  |         |               |
| 1-FW-10 | 1170  | 440       | 14   | 13F     | P-P  |                       | C-G           | C2.1    |         |               |
| 1-FW-10 | 1170  | 440       | --   |         | H    | 1-GFW-V145            | C-E-1,2       | C2.5,6  |         |               |
| 1-FW-10 | 1170  | 440       | --   |         | H    | 1-GFW-L868            | C-E-1,2       | C2.5,6  |         |               |
| 1-FW-10 | 1170  | 440       | --   |         | H    | 1-GFW-S854            | C-E-1,2       | C2.5,6  |         |               |
| 1-FW-10 | 1170  | 440       | 14   | 14S     | P-EL |                       | C-G           | C2.1    |         |               |
| 1-FW-10 | 1170  | 440       | 14   | 15F     | EL-P |                       | C-G           | C2.1    |         |               |
| 1-FW-10 | 1170  | 440       | 14   | 16S     | P-EL |                       | C-G           | C2.1    |         |               |
| 1-FW-10 | 1170  | 440       | 14   | 17S     | EL-P |                       | C-G           | C2.1    |         |               |
| 1-FW-10 | 1170  | 440       | 14   | 18F     | P-P  |                       | C-G           | C2.1    |         |               |
| 1-FW-10 | 1170  | 440       | --   |         | R    | Restraint             | C-E-2         | C2.6    |         |               |
| 1-FW-10 | 1085  | 600       | 14   | 20F     | V-P  | FW-118-3              | C-G           | C2.1    |         |               |
| 1-FW-10 | 1085  | 600       | 14   | 21F     | P-PN | CPN-9                 | C-G           | C2.1    |         |               |
| 1-FW-10 | 1085  | 600       | 14   | 22F     | PN   | CPN-9                 | C-E-1         | C2.5    |         |               |
| 1-FW-10 | 1170  | 440       | 1    | 23F     | P-P  |                       | d             |         |         |               |
| 1-FW-10 | 1170  | 440       | 1    | 24F     | P-V  |                       | d             |         |         |               |
| 1-FW-10 | 1170  | 440       | 0.75 | 25F     | P-P  |                       | d             |         |         |               |
| 1-FW-10 | 1170  | 440       | 0.75 | 26F     | P-EL |                       | d             |         |         |               |
| 1-FW-10 | 1170  | 440       | 0.75 | 27F     | EL-P |                       | d             |         |         |               |
| 1-FW-10 | 1170  | 440       | 0.75 | 28F     | P-V  |                       | d             |         |         |               |



D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System  |       | Feedwater |      | Class 2 |      | Flow Diagram No. 5106 |               |         |         | Rev.2 | 11/1/82 |
|---------|-------|-----------|------|---------|------|-----------------------|---------------|---------|---------|-------|---------|
| ISO     | PRESS | TEMP      | SIZE | WELD    | COMP | COMP NO               | IWC1220 CATEG | IWC2600 | REMARKS |       |         |
| 1-FW-10 | 1170  | 440       | 0.75 | 29F     | P-P  |                       | d             |         |         |       |         |
| 1-FW-10 | 1170  | 440       | 0.75 | 30F     | P-EL |                       | d             |         |         |       |         |
| 1-FW-10 | 1170  | 440       | 0.75 | 31F     | EL-P |                       | d             |         |         |       |         |
| 1-FW-10 | 1170  | 440       | 0.75 | 32S     | P-V  |                       | d             |         |         |       |         |
| 1-FW-10 | 1170  | 440       | 0.75 | 33F     | P-P  |                       | d             |         |         |       |         |
| 1-FW-10 | 1170  | 440       | 0.75 | 34F     | P-EL |                       | d             |         |         |       |         |
| 1-FW-10 | 1170  | 440       | 0.75 | 35F     | EL-P |                       | d             |         |         |       |         |
| 1-FW-10 | 1170  | 440       | 0.75 | 36F     | P-V  |                       | d             |         |         |       |         |
| 1-FW-10 | 1170  | 440       | 0.75 | 37F     | P-P  |                       | d             |         |         |       |         |
| 1-FW-10 | 1170  | 440       | 0.75 | 38F     | P-V  |                       | d             |         |         |       |         |
| 1-FW-10 | 1170  | 440       | 1    | 39F     | P-B  |                       | d             |         |         |       |         |
| 1-FW-10 | 1170  | 440       | 1    | 40F     | P-V  |                       | d             |         |         |       |         |
| 1-FW-10 | 1170  | 440       | 1.25 | 41F     | P-B  |                       | d             |         |         |       |         |
| 1-FW-10 | 1170  | 440       | 1.25 | 42F     | P-P  |                       | d             |         |         |       |         |
| 1-FW-10 | 1170  | 440       | 1.25 | 43F     | P-P  |                       | d             |         |         |       |         |
| 1-FW-10 | 1170  | 440       | 1    | 47      | P-EL |                       | d             |         |         |       |         |
| 1-FW-10 | 1170  | 440       | 1    | 48      | EL-P |                       | d             |         |         |       |         |
| 1-FW-11 | 1085  | 600       | 14   | 02F     | PN   | CPN-9                 | C-G           | C2.1    |         |       |         |
| 1-FW-11 | 1085  | 600       | 14   | 03F     | PN-R | CRN-9                 | C-G           | C2.1    |         |       |         |
| 1-FW-11 | 1085  | 600       | 14   | 04S     | P-EL |                       | C-G           | C2.1    |         |       |         |
| 1-FW-11 | 1085  | 600       | 14   | 05S     | EL-P |                       | C-G           | C2.1    |         |       |         |
| 1-FW-11 | 1085  | 600       | —    |         | R    | 1-FWR-12              | C-E-2         | C2.6    |         |       |         |
| 1-FW-11 | 1085  | 600       | 14   | 06F     | P-EL |                       | C-6           | C2.1    |         |       |         |
| 1-FW-11 | 1085  | 600       | 14   | 07S     | EL-P |                       | C-G           | C2.1    |         |       |         |
| 1-FW-11 | 1085  | 600       | —    |         | H    | 1-FWS-9               | C-E-2         | C2.6    |         |       |         |
| 1-FW-11 | 1085  | 600       | 14   | 08F     | P-EL |                       | C-G           | C2.1    |         |       |         |
| 1-FW-11 | 1085  | 600       | —    |         | H    | 1-FWH-3               | C-E-2         | C2.6    |         |       |         |
| 1-FW-11 | 1085  | 600       | 14   | 09S     | EL-P |                       | C-G           | C2.1    |         |       |         |
| 1-FW-11 | 1085  | 600       | —    |         | H    | 1-FWS-7               | C-E-1,2       | C2.5,6  |         |       |         |
| 1-FW-11 | 1085  | 600       | —    |         | H    | 1-FWS-8               | C-E-1,2       | C2.5,6  |         |       |         |
| 1-FW-11 | 1085  | 600       | —    |         | R    | 1-FWR-11              | C-E-2         | C2.6    |         |       |         |
| 1-FW-11 | 1085  | 600       | 14   | 10S     | P-EL |                       | C-G           | C2.1    |         |       |         |
| 1-FW-11 | 1085  | 600       | 14   | 11F     | EL-P |                       | C-G           | C2.1    |         |       |         |
| 1-FW-11 | 1085  | 600       | —    |         | R    | 1-FWR-10              | C-E-2         | C2.6    |         |       |         |



D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System  | Feedwater |      | Class 2 |      | Flow Diagram No. |            | 5106          | Rev.2   | 11/1/82 |
|---------|-----------|------|---------|------|------------------|------------|---------------|---------|---------|
| ISO     | PRESS     | TEMP | SIZE    | WELD | COMP             | COMP NO    | IWC1220 CATEG | IWC2600 | REMARKS |
| 1-FW-11 | 1085      | 600  | --      |      | R                | 1-FWR-9    | C-E-2         | C2.6    |         |
| 1-FW-11 | 1085      | 600  | 14      | 12F  | P-RD             |            | C-G           | C2.1    |         |
| 1-FW-11 | 1085      | 600  | 16      | 13S  | RD-P             |            | C-G           | C2.1    |         |
| 1-FW-11 | 1085      | 600  | 16      | 14F  | EL-N             | SG3        | C-G           | C2.1    |         |
| 1-FW-11 | 1085      | 600  | 1       | 15F  | P-P              |            | d             |         |         |
| 1-FW-11 | 1085      | 600  | 1       | 16F  | P-P              |            | d             |         |         |
| 1-FW-11 | 1085      | 600  | 1       | 17F  | P-V              |            | d             |         |         |
| 1-FW-12 | 1170      | 440  | 14      | 01F  | V-P              | FMO-202    | C-G           | C2.1    |         |
| 1-FW-12 | 1170      | 440  | 14      | 02S  | P-EL             |            | C-G           | C2.1    |         |
| 1-FW-12 | 1170      | 440  | --      |      | H                | 1-GFW-L147 | C-E-1,2       | C2.5,6  |         |
| 1-FW-12 | 1170      | 440  | 14      | 03S  | EL-P             |            | C-G           | C2.1    |         |
| 1-FW-12 | 1170      | 440  | 14      | 04S  | P-EL             |            | C-G           | C2.1    |         |
| 1-FW-12 | 1170      | 440  | 14      | 05S  | EL-P             |            | C-G           | C2.1    |         |
| 1-FW-12 | 1170      | 440  | 14      | 06S  | P-EL             |            | C-G           | C2.1    |         |
| 1-FW-12 | 1170      | 440  | 14      | 07F  | EL-P             |            | C-G           | C2-1    |         |
| 1-FW-12 | 1170      | 440  | --      |      | H                | 1-GFW-L851 | C-E-1,2       | C2.5,6  |         |
| 1-FW-12 | 1170      | 440  | --      |      | H                | 1-GFW-V148 | C-E-1,2       | C2.5,6  |         |
| 1-FW-12 | 1170      | 440  | 14      | 08F  | P-P              |            | C-G           | C2.1    |         |
| 1-FW-12 | 1170      | 440  | 14      | 09F  | P-P              |            | C-G           | C2.1    |         |
| 1-FW-12 | 1170      | 440  | --      |      | H                | 1-GFW-R827 | C-E-1,2       | C2.5,6  |         |
| 1-FW-12 | 1170      | 440  | --      |      | H                | 1-GFW-S852 | C-E-1,2       | C2.5,6  |         |
| 1-FW-12 | 1170      | 440  | 14      | 10F  | P-EL             |            | C-G           | C2.1    |         |
| 1-FW-12 | 1170      | 440  | 14      | 11S  | EL-P             |            | C-G           | C2.1    |         |
| 1-FW-12 | 1170      | 440  | --      |      | H                | 1-GFW-V828 | C-E-1,2       | C2.5,6  |         |
| 1-FW-12 | 1170      | 440  | 14      | 12S  | P-EL             |            | C-G           | C2.1    |         |
| 1-FW-12 | 1170      | 440  | 14      | 13F  | EL-P             |            | C-G           | C2.1    |         |
| 1-FW-12 | 1170      | 440  | 14      | 14S  | P-EL             |            | C-G           | C2.1    |         |
| 1-FW-12 | 1170      | 440  | 14      | 15F  | EL-P             |            | C-G           | C2.1    |         |
| 1-FW-12 | 1170      | 440  | --      |      | R                | RESTRAINT  | C-E-2         | C2.6    |         |
| 1-FW-12 | 1085      | 600  | 14      | 17F  | V-P              | FW-118-2   | C-G           | C2.1    |         |
| 1-FW-12 | 1085      | 600  | 14      | 18F  | P-PN             | CPN-8      | C-G           | C2.1    |         |
| 1-FW-12 | 1085      | 600  | 14      | 19F  | PN               | CPN-8      | C-E-1         | C2.5    |         |
| 1-FW-12 | 1170      | 440  | 1       | 20F  | P-P              |            | d             |         |         |
| 1-FW-12 | 1170      | 440  | 1       | 21F  | P-V              |            | d             |         |         |

R2

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D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System  |       | Feedwater |      | Class 2 |      | Flow Diagram No. |               | 5106    |         | Rev.2 | 11/1/82 |
|---------|-------|-----------|------|---------|------|------------------|---------------|---------|---------|-------|---------|
| ISO     | PRESS | TEMP      | SIZE | WELD    | COMP | COMP NO          | IWC1220 CATEG | IWC2600 | REMARKS |       |         |
| 1-FW-12 | 1170  | 440       | 0.75 | 22F     | P-P  |                  | d             |         |         |       |         |
| 1-FW-12 | 1170  | 440       | 0.75 | 23S     | P-EL |                  | d             |         |         |       |         |
| 1-FW-12 | 1170  | 440       | 0.75 | 24S     | EL-V |                  | d             |         |         |       |         |
| 1-FW-12 | 1170  | 440       | 0.75 | 25F     | P-P  |                  | d             |         |         |       |         |
| 1-FW-12 | 1170  | 440       | 0.75 | 26S     | P-EL |                  | d             |         |         |       |         |
| 1-FW-12 | 1170  | 440       | 0.75 | 27S     | EL-V |                  | d             |         |         |       |         |
| 1-FW-12 | 1170  | 440       | 0.75 | 28F     | P-P  |                  | d             |         |         |       |         |
| 1-FW-12 | 1170  | 440       | 0.75 | 29S     | P-EL |                  | d             |         |         |       |         |
| 1-FW-12 | 1170  | 440       | 0.75 | 30S     | EL-V |                  | d             |         |         |       |         |
| 1-FW-12 | 1170  | 440       | 0.75 | 31F     | P-P  |                  | d             |         |         |       |         |
| 1-FW-12 | 1170  | 440       | 0.75 | 32S     | P-EL |                  | d             |         |         |       |         |
| 1-FW-12 | 1170  | 440       | 0.75 | 33S     | EL-V |                  | d             |         |         |       |         |
| 1-FW-12 | 1170  | 440       | 1    | 34F     | P-P  |                  | d             |         |         |       |         |
| 1-FW-12 | 1170  | 440       | 1    | 35F     | P-V  |                  | d             |         |         |       |         |
| 1-FW-12 | 1170  | 440       | 1.25 | 36F     | P-P  |                  | d             |         |         |       |         |
| 1-FW-12 | 1170  | 440       | 1.25 | 37F     | P-P  |                  | d             |         |         |       |         |
| 1-FW-12 | 1170  | 440       | 1.25 | 38F     | P-P  |                  | d             |         |         |       |         |
| 1-FW-12 | 1170  | 440       | 1    | 42      | P-EL |                  | d             |         |         |       |         |
| 1-FW-12 | 1170  | 440       | 1    | 43      | EL-P |                  | d             |         |         |       |         |
| 1-FW-13 | 1085  | 600       | 14   | 02F     | PN   | CPN-8            | C-G           | C2.1    |         |       |         |
| 1-FW-13 | 1085  | 600       | 14   | 03F     | PN-P | CPN-8            | C-G           | C2.1    |         |       |         |
| 1-FW-13 | 1085  | 600       | 14   | 04S     | P-EL |                  | C-G           | C2.1    |         |       |         |
| 1-FW-13 | 1085  | 600       | 14   | 05S     | EL-P |                  | C-G           | C2.1    |         |       |         |
| 1-FW-13 | 1085  | 600       | --   |         | R    | 1-FWR-8          | C-E-2         | C2.6    |         |       |         |
| 1-FW-13 | 1085  | 600       | 14   | 06F     | P-EL |                  | C-G           | C2.1    |         |       |         |
| 1-FW-13 | 1085  | 600       | 14   | 07S     | EL-P |                  | C-G           | C2.1    |         |       |         |
| 1-FW-13 | 1085  | 600       | --   |         | H    | 1-FWS-6          | C-E-2         | C2.6    |         |       |         |
| 1-FW-13 | 1085  | 600       | --   |         | H    | 1-FWS-5          | C-E-2         | C2.6    |         |       |         |
| 1-FW-13 | 1085  | 600       | --   |         | H    | 1-FWH-2          | C-E-2         | C2.6    |         |       |         |
| 1-FW-13 | 1085  | 600       | 14   | 08F     | P-EL |                  | C-G           | C2.1    |         |       |         |
| 1-FW-13 | 1085  | 600       | 14   | 09S     | EL-P |                  | C-G           | C2.1    |         |       |         |
| 1-FW-13 | 1085  | 600       | --   |         | H    | 1-FWS-4          | C-E-1,2       | C2.5,6  |         |       |         |
| 1-FW-13 | 1085  | 600       | --   |         | R    | 1-FWR-7          | C-E-2         | C2.6    |         |       |         |
| 1-FW-13 | 1085  | 600       | 14   | 10S     | P-EL |                  | C-G           | C2.1    |         |       |         |



D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System  | Feedwater |      | Class 2 |      | Flow Diagram No. 5106 |            |         |         |         | Rev.2   | 11/1/82 |
|---------|-----------|------|---------|------|-----------------------|------------|---------|---------|---------|---------|---------|
| ISO     | PRESS     | TEMP | SIZE    | WELD | COMP                  | COMP NO    | IWC1220 | CATEG   | IWC2600 | REMARKS |         |
| 1-FW-13 | 1085      | 600  | 14      | 11F  | EL-P                  |            |         | C-G     | C2.1    |         |         |
| 1-FW-13 | 1085      | 600  | —       |      | R                     | 1-FWR-5    |         | C-E-2   | C2.6    |         |         |
| 1-FW-13 | 1085      | 600  | 14      | 12F  | P-RD                  |            |         | C-G     | C2.1    |         |         |
| 1-FW-13 | 1085      | 600  | 16      | 13S  | RD-P                  |            |         | C-G     | C2.1    |         |         |
| 1-FW-13 | 1085      | 600  | 16      | 14F  | EL-N                  | SG 2       |         | C-G     | C2.1    |         |         |
| 1-FW-13 | 1085      | 600  | 1       | 15F  | P-P                   |            | d       |         |         |         |         |
| 1-FW-13 | 1085      | 600  | 1       | 16F  | P-P                   |            | d       |         |         |         |         |
| 1-FW-13 | 1085      | 600  | 1       | 17F  | P-V                   |            | d       |         |         |         |         |
| 1-FW-15 | 1170      | 440  | 14      | 01F  | V-P                   | FMO-201    |         | C-G     | C2.1    |         |         |
| 1-FW-15 | 1170      | 440  | 14      | 02S  | P-EL                  |            |         | C-G     | C2.1    |         |         |
| 1-FW-15 | 1170      | 440  | —       |      | H                     | 1-GFW-R800 |         | C-E-1,2 | C2.5,6  |         |         |
| 1-FW-15 | 1170      | 440  | 14      | 03S  | EL-P                  |            |         | C-G     | C2.1    |         |         |
| 1-FW-15 | 1170      | 440  | —       |      | H                     | 1-GFW-S866 |         | C-E-2   | C2.6    |         |         |
| 1-FW-15 | 1170      | 440  | —       |      | H                     | 1-GFW-S862 |         | C-E-2   | C2.6    |         |         |
| 1-FW-15 | 1170      | 440  | 14      | 04S  | P-EL                  |            |         | C-G     | C2.1    |         |         |
| 1-FW-15 | 1170      | 440  | 14      | 05F  | EL-P                  |            |         | C-G     | C2.1    |         |         |
| 1-FW-15 | 1170      | 440  | —       |      | H                     | 1-GFW-V801 |         | C-E-2   | C2.6    |         |         |
| 1-FW-15 | 1170      | 440  | 14      | 06F  | P-P                   |            |         | C-G     | C2.1    |         |         |
| 1-FW-15 | 1170      | 440  | —       |      | H                     | 1-GFW-L802 |         | C-E-2   | C2.6    |         |         |
| 1-FW-15 | 1170      | 440  | 14      | 07F  | P-P                   |            |         | C-G     | C2.1    |         |         |
| 1-FW-15 | 1170      | 440  | 14      | 08F  | P-P                   |            |         | C-G     | C2.1    |         |         |
| 1-FW-15 | 1170      | 440  | 14      | 09S  | P-EL                  |            |         | C-G     | C2.1    |         |         |
| 1-FW-15 | 1170      | 440  | 14      | 10F  | EL-P                  |            |         | C-G     | C2.1    |         |         |
| 1-FW-15 | 1170      | 440  | —       |      | R                     | Restraint  |         | C-E-2   | C2.6    |         |         |
| 1-FW-15 | 1085      | 600  | 14      | 12F  | V-P                   | FW-118-1   |         | C-G     | C2.1    |         | R2      |
| 1-FW-15 | 1085      | 600  | 14      | 13F  | P-PN                  | CPN-7      |         | C-G     | C2.1    |         |         |
| 1-FW-15 | 1085      | 600  | 14      | 14F  | PN                    | CPN-7      |         | C-E-1   | C2.5    |         |         |
| 1-FW-15 | 1170      | 440  | 1       | 15F  | P-P                   |            | d       |         |         |         |         |
| 1-FW-15 | 1170      | 440  | 1       | 16S  | P-EL                  |            | d       |         |         |         |         |
| 1-FW-15 | 1170      | 440  | 1       | 17S  | EL-P                  |            | d       |         |         |         |         |
| 1-FW-15 | 1170      | 440  | 1       | 18F  | P-V                   |            | d       |         |         |         |         |
| 1-FW-15 | 1170      | 440  | 0.75    | 19F  | P-P                   |            | d       |         |         |         |         |
| 1-FW-15 | 1170      | 440  | 0.75    | 20S  | P-EL                  |            | d       |         |         |         |         |
| 1-FW-15 | 1170      | 440  | 0.75    | 21S  | EL-P                  |            | d       |         |         |         |         |



D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System  | Feedwater | Class 2 |      |      |      |         | Flow Diagram No. 5106 | Rev.2   | 11/1/82 |
|---------|-----------|---------|------|------|------|---------|-----------------------|---------|---------|
| ISO     | PRESS     | TEMP    | SIZE | WELD | COMP | COMP NO | IWC1220 CATEG         | IWC2600 | REMARKS |
| 1-FW-15 | 1170      | 440     | 0.75 | 22S  | P-V  |         | d                     |         |         |
| 1-FW-15 | 1170      | 440     | 0.75 | 23F  | P-P  |         | d                     |         |         |
| 1-FW-15 | 1170      | 440     | 0.75 | 24S  | P-EL |         | d                     |         |         |
| 1-FW-15 | 1170      | 440     | 0.75 | 25S  | EL-P |         | d                     |         |         |
| 1-FW-15 | 1170      | 440     | 0.75 | 26S  | P-V  |         | d                     |         |         |
| 1-FW-15 | 1170      | 440     | 0.75 | 27F  | P-P  |         | d                     |         |         |
| 1-FW-15 | 1170      | 440     | 0.75 | 28S  | P-EL |         | d                     |         |         |
| 1-FW-15 | 1170      | 440     | 0.75 | 29S  | EL-P |         | d                     |         |         |
| 1-FW-15 | 1170      | 440     | 0.75 | 30S  | P-V  |         | d                     |         |         |
| 1-FW-15 | 1170      | 440     | 0.75 | 31F  | P-P  |         | d                     |         |         |
| 1-FW-15 | 1170      | 440     | 0.75 | 32S  | P-EL |         | d                     |         |         |
| 1-FW-15 | 1170      | 440     | 0.75 | 33S  | EL-P |         | d                     |         |         |
| 1-FW-15 | 1170      | 440     | 0.75 | 34S  | P-V  |         | d                     |         |         |
| 1-FW-15 | 1169      | 449     | 1    | 35F  | P-P  |         | d                     |         |         |
| 1-FW-15 | 1170      | 440     | 1    | 36F  | P-V  |         | d                     |         |         |
| 1-FW-15 | 1170      | 440     | 1.25 | 37F  | P-P  |         | d                     |         |         |
| 1-FW-15 | 1170      | 440     | 1.25 | 38F  | P-P  |         | d                     |         |         |
| 1-FW-15 | 1635      | 102     | 6    | 42   | N-P  |         | C-G                   | C2.1    |         |
| 1-FW-15 | 1170      | 440     | 1    | 43   | P-EL |         | d                     |         |         |
| 1-FW-15 | 1170      | 440     | 1    | 44   | EL-P |         | d                     |         |         |
| 1-FW-16 | 1085      | 600     | 14   | 02F  | PN   | CPN-7   | C-G                   | C2.1    |         |
| 1-FW-16 | 1085      | 600     | 14   | 03F  | P-PN | CPN-7   | C-G                   | C2.1    |         |
| 1-FW-16 | 1085      | 600     | 14   | 04S  | P-EL |         | C-G                   | C2.1    |         |
| 1-FW-16 | 1085      | 600     | 14   | 05S  | EL-P |         | C-G                   | C2.1    |         |
| 1-FW-16 | 1085      | 600     | —    |      | R    | FWR-4   | C-E-2                 | C2.6    |         |
| 1-FW-16 | 1085      | 600     | 14   | 06F  | P-EL |         | C-G                   | C2.1    |         |
| 1-FW-16 | 1085      | 600     | 14   | 07S  | EL-P |         | C-G                   | C2.1    |         |
| 1-FW-16 | 1085      | 600     | —    |      | H    | FWS-3   | C-E-2                 | C2.6    |         |
| 1-FW-16 | 1085      | 600     | 14   | 08F  | P-EL |         | C-G                   | C2.1    |         |
| 1-FW-16 | 1085      | 600     | 14   | 09S  | EL-P |         | C-G                   | C2.1    |         |
| 1-FW-16 | 1085      | 600     | —    |      | H    | FWH-1   | C-E-2                 | C2.6    |         |
| 1-FW-16 | 1085      | 600     | —    |      | H    | FWS-1   | C-E-1,2               | C2.5,6  |         |
| 1-FW-16 | 1085      | 600     | —    |      | H    | FWS-2   | C-E-1,2               | C2.5,6  |         |
| 1-FW-16 | 1085      | 600     | —    |      | R    | FWR-3   | C-E-2                 | C2.6    |         |



D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System  |       | Feedwater |      | Class 2 |      | Flow Diagram No. 5106 |               | Rev. 2 11/1/82 |         |
|---------|-------|-----------|------|---------|------|-----------------------|---------------|----------------|---------|
| ISO     | PRESS | TEMP      | SIZE | WELD    | COMP | COMP NO               | IWC1220 CATEG | IWC2600        | REMARKS |
| 1-FW-16 | 1085  | 600       | 14   | 10      | P-EL |                       | C-G           | C2.1           |         |
| 1-FW-16 | 1085  | 600       | 14   | 11F     | EL-P |                       | C-G           | C2.1           |         |
| 1-FW-16 | 1085  | 600       | —    |         | R    | FWR-2                 | C-E-2         | C2.6           |         |
| 1-FW-16 | 1085  | 600       | —    |         | R    | FWR-1                 | C-E-2         | C2.6           |         |
| 1-FW-16 | 1085  | 600       | 14   | 12F     | P-RD |                       | C-G           | C2.1           |         |
| 1-FW-16 | 1085  | 600       | 16   | 13S     | RDEL |                       | C-G           | C2.1           |         |
| 1-FW-16 | 1085  | 600       | 16   | 14F     | EL-N | SG 1                  | C-G           | C2.1           |         |
| 1-FW-16 | 1085  | 600       | 1    | 15F     | P-B  |                       | d             |                |         |
| 1-FW-16 | 1085  | 600       | 1    | 16F     | P-P  |                       | d             |                |         |
| 1-FW-16 | 1085  | 600       | 1    | 17S     | P-V  |                       | d             |                |         |
| 1-FW-17 | 1170  | 440       | 14   | 01F     | V-P  | FMO-204               | C-G           | C2.1           |         |
| 1-FW-17 | 1170  | 440       | 14   | 02S     | P-EL |                       | C-G           | C2.1           |         |
| 1-FW-17 | 1170  | 440       | —    |         | H    | 1-GFW-R832            | C-E-1,2       | C2.5,6         |         |
| 1-FW-17 | 1170  | 440       | 14   | 03S     | EL-P |                       | C-G           | C2.1           |         |
| 1-FW-17 | 1170  | 440       | —    |         | H    | 1-GFW-S861            | C-E-2         | C2.6           |         |
| 1-FW-17 | 1170  | 440       | 14   | 04F     | P-EL |                       | C-G           | C2.1           |         |
| 1-FW-17 | 1170  | 440       | 14   | 05S     | EL-P |                       | C-G           | C2.1           |         |
| 1-FW-17 | 1170  | 440       | 14   | 06S     | P-EL |                       | C-G           | C2.1           |         |
| 1-FW-17 | 1170  | 440       | 14   | 07S     | EL-P |                       | C-G           | C2.1           |         |
| 1-FW-17 | 1170  | 440       | —    |         | H    | 1-GFW-V831            | C-E-2         | C2.6           |         |
| 1-FW-17 | 1170  | 440       | —    |         | H    | 1-GFW-V830            | C-E-2         | C2.6           |         |
| 1-FW-17 | 1170  | 440       | 14   | 08F     | P-P  |                       | C-G           | C2.1           |         |
| 1-FW-17 | 1170  | 440       | 14   | 09F     | P-P  |                       | C-G           | C2.1           |         |
| 1-FW-17 | 1170  | 440       | —    |         | H    | 1-GFW-R829            | C-E-2         | C2.6           |         |
| 1-FW-17 | 1170  | 440       | 14   | 10F     | P-P  |                       | C-G           | C2.1           |         |
| 1-FW-17 | 1170  | 440       | 14   | 11S     | P-EL |                       | C-G           | C2.1           |         |
| 1-FW-17 | 1170  | 440       | 14   | 12F     | EL-P |                       | C-G           | C2.1           |         |
| 1-FW-17 | 1170  | 440       | —    |         | R    | Restraint             | C-E-2         | C2.6           |         |
| 1-FW-17 | 1085  | 600       | 14   | 14F     | V-TE | FW-118-4              | C-G           | C2.1           |         |
| 1-FW-17 | 1085  | 600       | 14   | 15F     | P-PN | CPN-10                | C-G           | C2.1           |         |
| 1-FW-17 | 1085  | 600       |      | 16F     | PN   | CPN-10                | C-E-1         | C2.5           |         |
| 1-FW-17 | 1170  | 440       | 1    | 17F     | P-P  |                       | d             |                |         |
| 1-FW-17 | 1170  | 440       | 1    | 18F     | P-EL |                       | d             |                |         |
| 1-FW-17 | 1170  | 440       | 1    | 19F     | EL-P |                       | d             |                |         |



D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System  | Feedwater |      |      |      | Class 2 | Flow Diagram No. 5106 |               |         |         | Rev.2 11/1/82 |
|---------|-----------|------|------|------|---------|-----------------------|---------------|---------|---------|---------------|
| ISO     | PRESS     | TEMP | SIZE | WELD | COMP    | COMP NO               | IWC1220 CATEG | IWC2600 | REMARKS |               |
| 1-FW-17 | 1170      | 440  | a    | 20F  | P-V     |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 0.75 | 21F  | P-P     |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 0.75 | 22F  | P-EL    |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 0.75 | 23F  | EL-P    |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 0.75 | 24F  | P-V     |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 0.75 | 25F  | P-P     |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 0.75 | 26F  | P-EL    |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 0.75 | 27F  | EL-P    |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 0.75 | 28F  | P-V     |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 0.75 | 29F  | P-P     |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 0.75 | 30F  | P-EL    |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 0.75 | 31F  | EL-P    |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 0.75 | 32F  | P-V     |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 0.75 | 33F  | P-P     |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 0.75 | 34F  | P-EL    |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 0.75 | 35F  | EL-P    |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 0.75 | 36F  | P-V     |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 1    | 37F  | P-P     |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 1    | 38F  | P-V     |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 1.25 | 39F  | P-P     |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 1.25 | 40F  | P-B     |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 1.25 | 41F  | P-P     |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 1.25 | 42F  | P-B     |                       | d             |         |         |               |
| 1-FW-17 | 1170      | 440  | 1.25 | 43F  | P-P     |                       | d             |         |         |               |
| 1-FW-18 | 1085      | 600  | 14   | 02F  | PN      | CPN-10                | C-G           | C2.1    |         |               |
| 1-FW-18 | 1085      | 600  | 14   | 03F  | P-PN    | CPN-10                | C-G           | C2.1    |         |               |
| 1-FW-18 | 1085      | 600  | 14   | 04S  | P-EL    |                       | C-G           | C2.1    |         |               |
| 1-FW-18 | 1085      | 600  | 14   | 05S  | EL-P    |                       | C-G           | C2.1    |         |               |
| 1-FW-18 | 1085      | 600  | —    |      | R       | FWR-16                | C-E-2         | C2.6    |         |               |
| 1-FW-18 | 1085      | 600  | 14   | 06F  | P-EL    |                       | C-G           | C2.1    |         |               |
| 1-FW-18 | 1085      | 600  | 14   | 07S  | EL-P    |                       | C-G           | C2.1    |         |               |
| 1-FW-18 | 1085      | 600  | —    |      | H       | FWS-12                | C-E-2         | C2.6    |         |               |
| 1-FW-18 | 1085      | 600  | 14   | 08F  | P-EL    |                       | C-G           | C2.1    |         |               |
| 1-FW-18 | 1085      | 600  | 14   | 09S  | EL-P    |                       | C-G           | C2.1    |         |               |



D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System  | Feedwater |      |      |      | Class 2 | Flow Diagram No. 5106 |               | Rev.2 11/7/82 |              |
|---------|-----------|------|------|------|---------|-----------------------|---------------|---------------|--------------|
| ISO     | PRESS     | TEMP | SIZE | WELD | COMP    | COMP NO               | IWC1220 CATEG | IWC2600       | REMARKS      |
| 1-FW-18 | 1085      | 600  | --   |      | H       | FWH-4                 | C-E-2         | C2.6          |              |
| 1-FW-18 | 1085      | 600  | --   |      | R       | FWR-15                | C-E-2         | C2.6          |              |
| 1-FW-18 | 1085      | 600  | --   |      | H       | FWS-11                | C-E-1,2       | C2.5,6        |              |
| 1-FW-18 | 1085      | 600  | --   |      | H       | FWS-10                | C-E-1,2       | C2.5.6        |              |
| 1-FW-18 | 1085      | 600  | 14   | 10S  | P-EL    |                       | C-G           | C2.1          |              |
| 1-FW-18 | 1085      | 600  | 14   | 11F  | EL-P    |                       | C-G           | C2.1          |              |
| 1-FW-18 | 1085      | 600  | --   |      | R       | FWR-14                | C-E-2         | C2.6          |              |
| 1-FW-18 | 1085      | 600  | --   |      | R       | FWR-13                | C-E-2         | C2.6          |              |
| 1-FW-18 | 1085      | 600  | 14   | 12F  | P-RD    |                       | C-G           | C2.1          |              |
| 1-FW-18 | 1085      | 600  | 16   | 13S  | RDEL    |                       | C-G           | C2.1          |              |
| 1-FW-18 | 1085      | 600  | 16   | 14F  | EL-N    | SG 4                  | C-G           | C2.1          | Terminal End |
| 1-FW-18 | 1085      | 600  | 1    | 15F  | P-B     |                       | d             |               |              |
| 1-FW-18 | 1085      | 600  | 1    | 16F  | P-P     |                       | d             |               |              |
| 1-FW-18 | 1085      | 600  | 1    | 17F  | P-V     |                       | d             |               |              |
| 1-FW-26 | 1635      | 102  | 6    | 01S  | C-TE    |                       | C-G           | C2.1          |              |
| 1-FW-26 | 1635      | 102  | 6    | 02S  | TE-P    |                       | C-G           | C2.1          |              |
| 1-FW-26 | 1635      | 102  | --   |      | H       | 1-GFW-V803            | C-E-1,2       | C2.5,6        |              |
| 1-FW-26 | 1635      | 102  | 6    | 03S  | P-TE    |                       | C-G           | C2.1          |              |
| 1-FW-26 | 1635      | 102  | 6    | 04S  | TE-P    |                       | C-G           | C2.1          |              |
| 1-FW-26 | 1635      | 102  | --   |      | H       | 1-GFW-L804            | C-E-2         | C2.6          |              |
| 1-FW-26 | 1635      | 102  | --   |      | H       | 1-GFW-V841            | C-E-1,2       | C2.5,6        |              |
| 1-FW-26 | 1635      | 102  | 6    | 05S  | P-EL    |                       | C-G           | C2.1          |              |
| 1-FW-26 | 1635      | 102  | 6    | 06F  | EL-P    |                       | C-G           | C2.1          |              |
| 1-FW-26 | 1635      | 102  | --   |      | H       | 1-GFW-L805            | C-E-2         | C2.6          |              |
| 1-FW-26 | 1635      | 102  | 6    | 07S  | P-EL    |                       | C-G           | C2.1          |              |
| 1-FW-26 | 1635      | 102  | 6    | 08F  | EL-P    |                       | C-G           | C2.1          |              |
| 1-FW-26 | 1635      | 102  | --   |      | H       | 1-GFW-R806            | C-E-1,2       | C2.5,6        |              |
| 1-FW-26 | 1635      | 102  | 6    | 09S  | P-EL    |                       | C-G           | C2.1          |              |
| 1-FW-26 | 1635      | 102  | 6    | 10F  | EL-P    |                       | C-G           | C2.1          |              |
| 1-FW-26 | 1635      | 102  | 6    | 11S  | P-EL    |                       | C-G           | C2.1          |              |
| 1-FW-26 | 1635      | 102  | 6    | 12S  | EL-P    |                       | C-G           | C2.1          |              |
| 1-FW-26 | 1635      | 102  | 6    | 13S  | P-EL    |                       | C-G           | C2.1          |              |
| 1-FW-26 | 1635      | 102  | 6    | 14S  | EL-P    |                       | C-G           | C2.1          |              |
| 1-FW-26 | 1635      | 102  | 6    | 15F  | P-N     |                       | C-G           | C2.1          |              |



D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System  |       | Feedwater |      | Class 2 |      | Flow Diagram No. 5106 |               |         |         | Rev.2 | 11/1/82 |
|---------|-------|-----------|------|---------|------|-----------------------|---------------|---------|---------|-------|---------|
| ISO     | PRESS | TEMP      | SIZE | WELD    | COMP | COMP NO               | IWC1220 CATEG | IWC2600 | REMARKS |       |         |
| 1-FW-26 | 1635  | 102       | 0.75 | 16F     | P-P  |                       | d             |         |         |       |         |
| 1-FW-26 | 1635  | 102       | 0.75 | 17F     | P-P  |                       | d             |         |         |       |         |
| 1-FW-26 | 1635  | 102       | 0.75 | 18F     | P-P  |                       | d             |         |         |       |         |
| 1-FW-26 | 1635  | 102       | 0.75 | 19S     | P-V  |                       | d             |         |         |       |         |
| 1-FW-26 | 1635  | 102       | 0.75 | 20F     | P-P  |                       | d             |         |         |       |         |
| 1-FW-26 | 1635  | 102       | 0.75 | 21S     | P-V  |                       | d             |         |         |       |         |
| 1-FW-26 | 1635  | 102       | 6    | 22      | P-P  |                       |               | C-G     | C2.1    |       |         |
| 1-FW-26 | 1635  | 102       | 6    | 23      | P-P  |                       |               | C-G     | C2.1    |       |         |
| 1-FW-26 | 1635  | 102       | 6    | 24      | P-F  |                       |               | C-G     | C2.1    |       |         |
| 1-FW-26 | 1635  | 102       | 6    | 25      | F-P  |                       |               | C-G     | C2.1    |       |         |
| 1-FW-27 | 1635  | 102       | 6    | 01S     | C-TE |                       |               | C-G     | C2.1    |       |         |
| 1-FW-27 | 1635  | 102       | 6    | 02S     | TE-P |                       |               | C-G     | C2.1    |       |         |
| 1-FW-27 | 1635  | 102       | --   |         | R    | 1-GFW-L842            | C-E-2         |         | C2.6    |       |         |
| 1-FW-27 | 1635  | 102       | --   |         | H    | 1-GFW-V807            | C-E-1,2       |         | C2.5,6  |       |         |
| 1-FW-27 | 1635  | 102       | 6    | 03S     | P-TE |                       |               | C-G     | C2.1    |       |         |
| 1-FW-27 | 1635  | 102       | 6    | 04S     | TE-P |                       |               | C-G     | C2.1    |       |         |
| 1-FW-27 | 1635  | 102       | 6    | 05S     | P-EL |                       |               | C-G     | C2.1    |       |         |
| 1-FW-27 | 1635  | 102       | 6    | 06S     | EL-P |                       |               | C-G     | C2.1    |       |         |
| 1-FW-27 | 1635  | 102       | --   |         | R    | 1-GFW-L808            | C-E-2         |         | C2.6    |       |         |
| 1-FW-27 | 1635  | 102       | 6    | 07F     | P-EL |                       |               | C-G     | C2.1    |       |         |
| 1-FW-27 | 1635  | 102       | 6    | 08S     | EL-P |                       |               | C-G     | C2.1    |       |         |
| 1-FW-27 | 1635  | 102       | --   |         | H    | 1-GFW-L809            | C-E-1,2       |         | C2.5,6  |       |         |
| 1-FW-27 | 1635  | 102       | 6    | 09F     | P-EL |                       |               | C-G     | C2.1    |       |         |
| 1-FW-27 | 1635  | 102       | 6    | 10S     | EL-P |                       |               | C-G     | C2.1    |       |         |
| 1-FW-27 | 1635  | 102       | 6    | 11S     | P-EL |                       |               | C-G     | C2.1    |       |         |
| 1-FW-27 | 1635  | 102       | 6    | 12S     | EL-P |                       |               | C-G     | C2.1    |       |         |
| 1-FW-27 | 1635  | 102       | 6    | 13S     | P-EL |                       |               | C-G     | C2.1    |       |         |
| 1-FW-27 | 1635  | 102       | 6    | 14S     | EL-P |                       |               | C-G     | C2.1    |       |         |
| 1-FW-27 | 1635  | 102       | 6    | 15F     | P-N  |                       |               | C-G     | C2.1    |       |         |
| 1-FW-27 | 1635  | 102       | 0.75 | 16F     | P-P  |                       | d             |         |         |       |         |
| 1-FW-27 | 1635  | 102       | 0.75 | 17F     | P-P  |                       | d             |         |         |       |         |
| 1-FW-27 | 1635  | 102       | 0.75 | 18F     | P-P  |                       | d             |         |         |       |         |
| 1-FW-27 | 1635  | 102       | 0.75 | 19F     | P-P  |                       | d             |         |         |       |         |
| 1-FW-27 | 1635  | 102       | 6    | 20      | P-P  |                       |               | C-G     | C2.1    |       |         |



D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System  |       | Feedwater |      | Class 2 |      | Flow Diagram No. |               | 5106    |         | Rev.2 | 11/1/82 |
|---------|-------|-----------|------|---------|------|------------------|---------------|---------|---------|-------|---------|
| ISO     | PRESS | TEMP      | SIZE | WELD    | COMP | COMP NO          | IWC1220 CATEG | IWC2600 | REMARKS |       |         |
| 1-FW-27 | 1635  | 102       | 6    | 21      | P-P  |                  | C-G           | C2.1    |         |       |         |
| 1-FW-27 | 1635  | 102       | 6    | 22      | P-F  |                  | C-G           | C2.1    |         |       |         |
| 1-FW-27 | 1635  | 102       | 6    | 23      | F-P  |                  | C-G           | C2.1    |         |       |         |
| 1-FW-30 | 1635  | 102       | 6    | 01S     | C-TE |                  | C-G           | C2.1    |         |       |         |
| 1-FW-30 | 1635  | 102       | 6    | 02S     | TE-P |                  | C-G           | C2.1    |         |       |         |
| 1-FW-30 | 1635  | 102       | --   |         | H    | 1-GFW-R822       | C-E-2         | C2.6    |         |       |         |
| 1-FW-30 | 1635  | 102       | 6    | 03S     | P-TE |                  | C-G           | C2.1    |         |       |         |
| 1-FW-30 | 1635  | 102       | 6    | 04S     | TE-P |                  | C-G           | C2.1    |         |       |         |
| 1-FW-30 | 1635  | 102       | 6    | 05S     | P-EL |                  | C-G           | C2.1    |         |       |         |
| 1-FW-30 | 1635  | 102       | --   |         | H    | 1-GFW-R821       | C-E-2         | C2.6    |         |       |         |
| 1-FW-30 | 1635  | 102       | 6    | 07F     | P-P  |                  | C-G           | C2.1    |         |       |         |
| 1-FW-30 | 1635  | 102       | 6    | 08S     | P-EL |                  | C-G           | C2.1    |         |       |         |
| 1-FW-30 | 1635  | 102       | 6    | 09S     | EL-P |                  | C-G           | C2.1    |         |       |         |
| 1-FW-30 | 1635  | 102       | --   |         | H    | 1-GFW-L823       | C-E-1,2       | C2.5,6  |         |       |         |
| 1-FW-30 | 1635  | 102       | 6    | 10F     | P-EL |                  | C-G           | C2.1    |         |       |         |
| 1-FW-30 | 1635  | 102       | 6    | 11S     | EL-P |                  | C-G           | C2.1    |         |       |         |
| 1-FW-30 | 1635  | 102       | 6    | 12S     | P-EL |                  | C-G           | C2.1    |         |       |         |
| 1-FW-30 | 1635  | 102       | 6    | 13S     | EL-P |                  | C-G           | C2.1    |         |       |         |
| 1-FW-30 | 1635  | 102       | 6    | 14S     | P-EL |                  | C-G           | C2.1    |         |       |         |
| 1-FW-30 | 1635  | 102       | 6    | 15S     | EL-P |                  | C-G           | C2.1    |         |       |         |
| 1-FW-30 | 1635  | 102       | 6    | 16S     | P-EL |                  | C-G           | C2.1    |         |       |         |
| 1-FW-30 | 1635  | 102       | 6    | 17F     | EL-P |                  | C-G           | C2.1    |         |       |         |
| 1-FW-30 | 1635  | 102       | 0.75 | 18F     | P-P  |                  | d             |         |         |       |         |
| 1-FW-30 | 1635  | 102       | 0.75 | 19F     | P-P  |                  | d             |         |         |       |         |
| 1-FW-30 | 1635  | 102       | 0.75 | 20F     | P-P  |                  | d             |         |         |       |         |
| 1-FW-30 | 1635  | 102       | 0.75 | 21S     | P-EL |                  | d             |         |         |       |         |
| 1-FW-30 | 1635  | 102       | 0.75 | 22S     | EL-P |                  | d             |         |         |       |         |
| 1-FW-30 | 1635  | 102       | 0.75 | 23F     | P-P  |                  | d             |         |         |       |         |
| 1-FW-30 | 1635  | 102       | 0.75 | 24S     | P-EL |                  | d             |         |         |       |         |
| 1-FW-30 | 1635  | 102       | 0.75 | 25S     | EL-P |                  | d             |         |         |       |         |
| 1-FW-30 | 1635  | 102       | 6    | 26      | P-F  |                  | C-G           | C2.1    |         |       |         |
| 1-FW-30 | 1635  | 102       | 6    | 27      | F-P  |                  | C-G           | C2.1    |         |       |         |
| 1-FW-31 | 1635  | 102       | 6    | 01S     | C-TE |                  | C-G           | C2.1    |         |       |         |
| 1-FW-31 | 1635  | 102       | 6    | 02S     | TE-P |                  | C-G           | C2.1    |         |       |         |

D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System  |       | Feedwater |      | Class 2 |      | Flow Diagram No. 5106 |                |         |         | Rev.2 | 11/1/82 |
|---------|-------|-----------|------|---------|------|-----------------------|----------------|---------|---------|-------|---------|
| ISO     | PRESS | TEMP      | SIZE | WELD    | COMP | COMP NO               | IWC1220 CATEG. | IWC2600 | REMARKS |       |         |
| 1-FW-31 | 1635  | 102       | --   |         | H    | 1-GFW-R824            | C-E-2          | C2.6    |         |       |         |
| 1-FW-31 | 1635  | 102       | 6    | 03S     | P-TE |                       | C-G            | C2.1    |         |       |         |
| 1-FW-31 | 1635  | 102       | 6    | 04S     | TE-P |                       | C-G            | C2.1    |         |       |         |
| 1-FW-31 | 1635  | 102       | --   |         | H    | 1-GFW-L825            | C-E-2          | C2.6    |         |       |         |
| 1-FW-31 | 1635  | 102       | 6    | 05E     | P-P  |                       | C-G            | C2.1    |         |       |         |
| 1-FW-31 | 1635  | 102       | 6    | 06S     | P-EL |                       | C-G            | C2.1    |         |       |         |
| 1-FW-31 | 1635  | 102       | 6    | 07S     | EL-P |                       | C-G            | C2.1    |         |       |         |
| 1-FW-31 | 1635  | 102       | --   |         | H    | 1-GFW-L826            | C-E-1,2        | C2.5,6  |         |       |         |
| 1-FW-31 | 1635  | 102       | 6    | 08F     | P-EL |                       | C-G            | C2.1    |         |       |         |
| 1-FW-31 | 1635  | 102       | 6    | 09S     | EL-P |                       | C-G            | C2.1    |         |       |         |
| 1-FW-31 | 1635  | 102       | 6    | 10S     | P-EL |                       | C-G            | C2.1    |         |       |         |
| 1-FW-31 | 1635  | 102       | 6    | 11S     | EL-P |                       | C-G            | C2.1    |         |       |         |
| 1-FW-31 | 1635  | 102       | 6    | 12S     | P-EL |                       | C-G            | C2.1    |         |       |         |
| 1-FW-31 | 1635  | 102       | 6    | 13S     | EL-P |                       | C-G            | C2.1    |         |       |         |
| 1-FW-31 | 1635  | 102       | 6    | 14F     | P-N  |                       | C-G            | C2.1    |         |       |         |
| 1-FW-31 | 1635  | 102       | 0.75 | 15F     | P-P  |                       | d              |         |         |       |         |
| 1-FW-31 | 1635  | 102       | 0.75 | 16F     | P-P  |                       | d              |         |         |       |         |
| 1-FW-31 | 1635  | 102       | 0.75 | 17F     | P-P  |                       | d              |         |         |       |         |
| 1-FW-31 | 1635  | 102       | 0.75 | 18S     | P-EL |                       | d              |         |         |       |         |
| 1-FW-31 | 1635  | 102       | 0.75 | 19S     | EL-P |                       | d              |         |         |       |         |
| 1-FW-31 | 1635  | 102       | 0.75 | 20F     | P-P  |                       | d              |         |         |       |         |
| 1-FW-31 | 1635  | 102       | 0.75 | 21S     | P-EL |                       | d              |         |         |       |         |
| 1-FW-31 | 1635  | 102       | 0.75 | 22S     | EL-P |                       | d              |         |         |       |         |
| 1-FW-31 | 1635  | 102       | 6    | 23      | P-F  |                       | C-G            | C2.1    |         |       |         |
| 1-FW-31 | 1635  | 102       | 6    | 24      | F-P  |                       | C-G            | C2.1    |         |       |         |





## D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND FIELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System   | Emergency Core Cooling (RHR) |      |      |      | Class 2 | Flow Diagram No. 5143 |               |         |                              | Rev.2 11/1/82 |
|----------|------------------------------|------|------|------|---------|-----------------------|---------------|---------|------------------------------|---------------|
| ISO      | PRESS                        | TEMP | SIZE | WELD | COMP    | COMP NO               | IWC1220 CATEG | IWC2600 | REMARKS                      |               |
| 0-RH-500 | 30                           | 190  | 0.75 | ALL  |         | ALL                   | d             |         |                              |               |
| 0-RH-501 | 30                           | 190  | 0.75 | ALL  |         | ALL                   | d             |         |                              |               |
| 1-DR-729 | 35                           | 120  | 2    | ALL  |         | ALL                   | d             |         |                              |               |
| 1-DR-730 | 35                           | 120  | 2    | ALL  |         | ALL                   | d             |         |                              |               |
| 1-N-537  | 700                          | 120  | 1    | ALL  |         | ALL                   | d             |         |                              |               |
| 1-N-540  | 700                          | AMB  | 1    | ALL  |         | ALL                   | d             |         | Valve GRV-313 to valve N-176 |               |
| 1-RH-12  | 600                          | 350  | 3    | ALL  |         | ALL                   | d             |         |                              |               |
| 1-RH-13  | 600                          | 350  | 3    | ALL  |         | ALL                   | d             |         |                              |               |
| 1-RH-508 | 600                          | 350  | 2    | ALL  |         | ALL                   | d             |         |                              |               |
| 1-RH-509 | 600                          | 350  | 2    | ALL  |         | ALL                   | d             |         |                              |               |
| 1-RH-510 | 600                          | 350  | 0.75 | ALL  |         | ALL                   | d             |         |                              |               |
| 1-RH-511 | 600                          | 350  | 0.75 | ALL  |         | ALL                   | d             |         |                              |               |
| 1-SI-19  | 2485                         | 650  | 4    | ALL  |         | ALL                   | d             |         | Fr SI pumps to SI-152N       |               |
| 1-SI-2   | 30                           | 190  | 14   | ALL  |         | ALL                   | a             |         | Fr sump to valve RH-104W     |               |
| 1-SI-28  | 700                          | 120  | 10   | 1    | N-P     |                       | C-G           | C2.1    |                              |               |
| 1-SI-28  | 700                          | 120  | 10   | 2    | P-EL    |                       | C-G           | C2.1    |                              |               |
| 1-SI-28  | 700                          | 120  | 10   | 3    | EL-P    |                       | C-G           | C2.1    |                              |               |
| 1-SI-28  | 700                          | 120  | 10   | 4    | P-EL    |                       | C-G           | C2.1    |                              |               |
| 1-SI-28  | 700                          | 120  | 10   | 5    | EL-P    |                       | C-G           | C2.1    |                              |               |
| 1-SI-28  | 700                          | 120  | 10   | 6    | P-EL    |                       | C-G           | C2.1    |                              |               |
| 1-SI-28  | 700                          | 120  | -    |      | H       | GSI-R551              | C-E-1         | C2.5    |                              |               |
| 1-SI-28  | 700                          | 120  | 10   | 7    | EL-P    |                       | C-E-1         | C2.5    |                              |               |
| 1-SI-28  | 700                          | 120  | 10   | 8    | P-V     |                       | C-G           | C2.1    |                              |               |
| 1-SI-28  | 700                          | 120  | 10   | 9    | V-EL    |                       | C-G           | C2.1    |                              |               |
| 1-SI-28  | 700                          | 120  | 10   | 10   | EL-V    |                       | C-G           | C2.1    |                              |               |
| 1-SI-3   | 30                           | 190  | 14   | ALL  |         | ALL                   | a             |         | Fr sump to valve RN-104E     |               |
| 1-SI-30  | 700                          | 120  | 10   | 1    | N-P     |                       | C-G           | C2.1    |                              |               |
| 1-SI-30  | 700                          | 120  | 10   | 2    | P-EL    |                       | C-G           | C2.1    |                              |               |
| 1-SI-30  | 700                          | 120  | 10   | 3    | EL-P    |                       | C-G           | C2.1    |                              |               |
| 1-SI-30  | 700                          | 120  | 10   | 5    | EL-P    |                       | C-G           | C2.1    |                              |               |
| 1-SI-30  | 700                          | 120  | -    |      | H       | GSI-544               | C-E-1         | C2.5    |                              |               |
| 1-SI-30  | 700                          | 120  | 10   | 8    | V-P     |                       | C-G           | C2.1    |                              |               |
| 1-SI-30  | 700                          | 120  | 10   | 9    | P-FL    |                       | C-G           | C2.1    |                              |               |
| 1-SI-30  | 700                          | 120  | 10   | 10   | EL-V    |                       | C-G           | C2.1    |                              |               |



D. C. COOK NUCLEAR PLANT, UNIT 1

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

| System   |       | Emergency Core Cooling (RHR) |      |      | Class 2 |          | Flow Diagram No. |         | 5143                          | Rev.2 | 11/1/82 |
|----------|-------|------------------------------|------|------|---------|----------|------------------|---------|-------------------------------|-------|---------|
| ISO      | PRESS | TEMP                         | SIZE | WELD | COMP    | COMP NO  | IWC1220 CATEG    | IWC2600 | REMARKS                       |       |         |
| 1-SI-32  | 700   | 120                          | 10   | 1    | N-P     |          | C-G              | C2.1    |                               |       |         |
| 1-SI-32  | 700   | 120                          | 10   | 2    | P-EL    |          | C-G              | C2.1    |                               |       |         |
| 1-SI-32  | 700   | 120                          | 10   | 3    | EL-P    |          | C-G              | C2.1    |                               |       |         |
| 1-SI-32  | 700   | 120                          | 10   | 5    | EL-P    |          | C-G              | C2.1    |                               |       |         |
| 1-SI-32  | 700   | 120                          | 10   | 6    | P-P     |          | C-G              | C2.1    |                               |       |         |
| 1-SI-32  | 700   | 120                          | 10   | 7    | P-EL    |          | C-G              | C2.1    |                               |       |         |
| 1-SI-32  | 700   | 120                          | 10   | 9    | P-V     |          | C-G              | C2.1    |                               |       |         |
| 1-SI-32  | 700   | 120                          | 10   | 11   | EL-V    |          | C-G              | C2.1    |                               |       |         |
| 1-SI-34  | 700   | 120                          | 10   | 1    | N-P     |          | C-G              | C2.1    |                               |       |         |
| 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   |      | H       | GSI-R548 | C-E-1            | C2.5    |                               |       |         |
| 1-SI-34  | 700   | 120                          | 10   | 9    | V-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-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                |         |                               |       |         |
| 1-SM-500 | 700   | 120                          | 0.75 | ALL  |         | ALL      | d                |         | Fr SI pumps to SI-152S        |       |         |
| 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                |         | To SI-163                     |       |         |

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D. C. COOK NUCLEAR PLANT, UNIT 1TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System    | Containment Spray |      |      | Class 2 |      | Flow Diagram No. 5144 |               |         |                         | Rev.2 | 11/1/82 |
|-----------|-------------------|------|------|---------|------|-----------------------|---------------|---------|-------------------------|-------|---------|
| ISO       | PRESS             | TEMP | SIZE | WELD    | COMP | COMP NO               | IWC1220 CATEG | IWC2600 | REMARKS                 |       |         |
| 1-CTS-19  | 95                | 200  | 6    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-20  | 95                | 200  | 6    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-21  | 95                | 200  | 8    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-22  | 95                | 200  | 8    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-23  | 95                | 200  | 8    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-24  | 95                | 200  | 8    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-31  | 95                | 200  | 6    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-32  | 95                | 200  | 6    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-33  | 95                | 200  | 6    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-34  | 95                | 200  | 6    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-35  | 95                | 200  | 4    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-36  | 95                | 200  | 4    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-37  | 95                | 200  | 4    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-38  | 95                | 200  | 4    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-39  | 95                | 200  | 6    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-40  | 95                | 200  | 6    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-41  | 95                | 200  | 6    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-42  | 95                | 200  | 6    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-43  | 95                | 200  | 3    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-44  | 95                | 200  | 3    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-45  | 95                | 200  | 8    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-46  | 95                | 200  | 8    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-47  | 95                | 200  | 6    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-48  | 95                | 200  | 6    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-49  | 95                | 200  | 6    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-50  | 95                | 200  | 6    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-504 | 95                | 200  | 2    | ALL     |      | ALL                   | a             |         | To Ring Headers         |       |         |
| 1-CTS-505 | 95                | 200  | 2    | ALL     |      | ALL                   | a             |         | Cont. Spray Ring Header |       |         |
| 1-CTS-506 | 95                | 200  | 2    | ALL     |      | ALL                   | a             |         | Cont. Spray Ring Header |       |         |
| 1-CTS-507 | 95                | 200  | 2    | ALL     |      | ALL                   | a             |         | Cont. Spray Ring Header |       |         |
| 1-CTS-508 | 95                | 200  | 2    | ALL     |      | ALL                   | a             |         | Cont. Spray Ring Header |       |         |
| 1-CTS-509 | 95                | 200  | 2    | ALL     |      | ALL                   | a             |         | Cont. Spray Ring Header |       |         |
| 1-CTS-510 | 95                | 200  | 2    | ALL     |      | ALL                   | a             |         | Cont. Spray Ring Header |       |         |
| 1-CTS-511 | 95                | 200  | 2    | ALL     |      | ALL                   | a             |         | Cont. Spray Ring Header |       |         |



D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND WELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System    |       | Containment Spray |      | Class 2 |      | Flow Diagram No. |               | 5144    |                         | Rev.2 | 11/1/82 |
|-----------|-------|-------------------|------|---------|------|------------------|---------------|---------|-------------------------|-------|---------|
| ISO       | PRESS | TEMP              | SIZE | WELD    | COMP | COMP NO          | IWC1220 CATEG | IWC2600 | REMARKS                 |       |         |
| 1-CTS-512 | 95    | 200               | 2    | ALL     |      | ALL              | a             |         | Cont. Spray Ring Header |       |         |
| 1-CTS-513 | 95    | 200               | 2    | ALL     |      | ALL              | a             |         | Cont. Spray Ring Header |       |         |
| 1-CTS-514 | 95    | 200               | 2    | ALL     |      | ALL              | a             |         | Cont. Spray Ring Header |       |         |
| 1-CTS-515 | 95    | 200               | 2    | ALL     |      | ALL              | a             |         | Cont. Spray Ring Header |       |         |
| 1-CTS-516 | 95    | 200               | 2    | ALL     |      | ALL              | a             |         | Cont. Spray Ring Header |       |         |
| 1-CTS-517 | 95    | 200               | 2    | ALL     |      | ALL              | a             |         | Cont. Spray Ring Header |       |         |
| 1-CTS-518 | 95    | 200               | 2    | ALL     |      | ALL              | a             |         | Cont. Spray Ring Header |       |         |
| 1-CTS-521 | 95    | 200               | 2    | ALL     |      | ALL              | a             |         | Cont. Spray Ring Header |       |         |
| 1-CTS-522 | 95    | 200               | 2    | ALL     |      | ALL              | a             |         | Cont. Spray Ring 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             |         | Cont. Spray Ring Header |       |         |
| 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             |         | Downstream of IMO-331   |       |         |
| 1-RH-6    | 95    | 200               | 8    | ALL     |      | ALL              | a             |         | Downstream 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             |         |                         |       |         |

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D. C. COOK NUCLEAR PLANT, UNIT 1

TABLE 1 - COMPONENTS AND FIELDS IN ACCORDANCE WITH CODE REQUIREMENTS

| System   | Containment Spray |      | Class 2 |      | Flow Diagram No. |         | 5144          |         | Rev.2   | 11/1/82 |
|----------|-------------------|------|---------|------|------------------|---------|---------------|---------|---------|---------|
| ISO      | PRESS             | TEMP | SIZE    | WELD | COMP             | COMP NO | IWC1220 CATEG | IWC2600 | REMARKS |         |
| 1-SI-510 | 400               | 200  | 2       | ALL  |                  | ALL     | d             |         |         |         |

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



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

| System  | Main Steam              | Class 2 | Flow Diagram No. 5105 |      |      |        |         | Rev.2  | 11/1/82 |                      |
|---------|-------------------------|---------|-----------------------|------|------|--------|---------|--------|---------|----------------------|
| ISO     | SYSTEM FUNCTION         |         | SIZE                  | WELD | COMP | COMP # | IWC2520 | RELIEF | ALT     | REMARKS              |
| 1-MS-1  | MS fr SG to stop valves |         | 30                    | 10F  | P-PN | CPN-2  | C-G     | 3      | NNN     | Covered by restraint |
| 1-MS-1  | MS fr SG to stop valves |         | 30                    | 12F  | PN   | CPN-2  | C-G     | 3      | NNN     | Within sleeve on pen |
| 1-MS-10 | MS fr SG to stop valves |         | 30                    | 09F  | P-PN | CPN-4  | C-G     | 3      | NNN     | Covered by restraint |
| 1-MS-10 | MS fr SG to stop valves |         | 30                    | 11   | PN   | CPN-4  | C-G     | 3      | NNN     | Within sleeve on pen |
| 1-MS-11 | MS fr SG to stop valves |         | 6                     | 23   | B-SA |        | C-G     | 2A     | SUR     | Vol impractical      |
| 1-MS-11 | MS fr SG to stop valves |         | 6                     | 24   | P-SA | SADDLE | C-G     | 2A     | SUR     | Fillet               |
| 1-MS-11 | MS fr SG to stop valves |         | 6                     | 25   | P-B  |        | C-G     | 3      | NNN     | Weld covered by sad  |
| 1-MS-11 | MS fr SG to stop valves |         | 6                     | 27   | B-SA |        | C-G     | 2A     | SUR     | Vol impractical      |
| 1-MS-11 | MS fr SG to stop valves |         | 6                     | 28   | P-SA | SADDLE | C-G     | 2A     | SUR     | Fillet               |
| 1-MS-11 | MS fr SG to stop valves |         | 6                     | 29   | B-SA |        | C-G     | 2A     | SUR     | Vol impractical      |
| 1-MS-11 | MS fr SG to stop valves |         | 6                     | 30   | P-SA | SADDLE | C-G     | 2A     | SUR     | Fillet               |
| 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      |

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D. C. COCK NUCLEAR PLANT, UNIT 1

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

| System  | Main Steam              | Class 2 | Flow Diagram No. | 5105 | Rev.2  | 11/1/82 |        |     |                      |
|---------|-------------------------|---------|------------------|------|--------|---------|--------|-----|----------------------|
| ISO     | SYSTEM FUNCTION         | SIZE    | WELD             | COMP | COMP # | IWC2520 | RELIEF | ALT | REMARKS              |
| 1-MS-15 | MS fr SG to stop valves | 6       | 34               | P-SA | SADDLE | C-G     | 2A     | SUR | Fillet               |
| 1-MS-15 | MS fr SG to stop valves | 6       | 35               | P-B  |        | C-G     | 3      | NNN | Weld covered by sad  |
| 1-MS-15 | MS fr SG to stop valves | 6       | 36               | B-SA |        | C-G     | 2A     | SUR | Vol impractical      |
| 1-MS-15 | MS fr SG to stop valves | 6       | 37               | P-SA | SADDLE | C-G     | 2A     | SUR | Fillet               |
| 1-MS-15 | MS fr SG to stop valves | 6       | 38               | P-B  |        | C-G     | 3      | NNN | Weld covered by sad  |
| 1-MS-15 | MS fr SG to stop valves | 6       | 39               | B-SA |        | C-G     | 2A     | SUR | Vol impractical      |
| 1-MS-15 | MS fr SG to stop valves | 6       | 40               | P-SA | SADDLE | C-G     | 2A     | SUR | Fillet               |
| 1-MS-15 | MS fr SG to stop valves | 6       | 41               | P-B  |        | C-G     | 3      | NNN | Weld covered by sad  |
| 1-MS-2  | MS fr SG to stop valves | 6       | 23               | B-SA |        | C-G     | 2A     | SUR | Vol impractical      |
| 1-MS-2  | MS fr SG to stop valves | 6       | 24               | P-SA | SADDLE | C-G     | 2A     | SUR | Fillet               |
| 1-MS-2  | MS fr SG to stop valves | 6       | 26               | B-SA |        | C-G     | 2A     | SUR | Vol impractical      |
| 1-MS-2  | MS fr SG to stop valves | 6       | 27               | P-SA | SADDLE | C-G     | 2A     | SUR | Fillet               |
| 1-MS-2  | MS fr SG to stop valves | 6       | 28               | P-B  |        | C-G     | 3      | NNN | Weld covered by sad  |
| 1-MS-2  | MS fr SG to stop valves | 6       | 29               | B-SA |        | C-G     | 2A     | SUR | Vol impractical      |
| 1-MS-2  | MS fr SG to stop valves | 6       | 30               | P-SA | SADDLE | C-G     | 2A     | SUR | Fillet               |
| 1-MS-2  | MS fr SG to stop valves | 6       | 31               | P-B  |        | C-G     | 3      | NNN | Weld covered by sad  |
| 1-MS-2  | MS fr SG to stop valves | 6       | 32               | B-SA |        | C-G     | 2A     | SUR | Vol impractical      |
| 1-MS-2  | MS fr SG to stop valves | 6       | 33               | P-SA | SADDLE | C-G     | 2A     | SUR | Fillet               |
| 1-MS-2  | MS fr SG to stop valves | 6       | 34               | P-B  |        | C-G     | 3      | NNN | Weld covered by sad  |
| 1-MS-2  | MS fr SG to stop valves | 6       | 35               | B-SA |        | C-G     | 2A     | SUR | Vol impractical      |
| 1-MS-2  | MS fr SG to stop valves | 6       | 36               | P-SA | SADDLE | C-G     | 2A     | SUR | Fillet               |
| 1-MS-2  | MS fr SG to stop valves | 6       | 37               | P-B  |        | C-G     | 3      | NNN | Weld covered by sad  |
| 1-MS-2  | MS fr SG to stop valves | 6       | 38               | B-SA |        | C-G     | 2A     | SUR | Vol impractical      |
| 1-MS-2  | MS fr SG to stop valves | 6       | 39               | P-SA | SADDLE | C-G     | 2A     | SUR | Fillet               |
| 1-MS-2  | MS fr SG to stop valves | 6       | 40               | P-B  |        | C-G     | 3      | NNN | Weld covered by sad  |
| 1-MS-2  | MS fr SG to stop valves | 6       | 25               | P-B  |        | C-G     | 3      | NNN | Weld covered by sad  |
| 1-MS-6  | MS fr SG to stop valves | 30      | 10F              | P-PN | CPN-3  | C-G     | 3      | NNN | Covered by restraint |
| 1-MS-6  | MS fr SG to stop valves | 30      | 12S              | PN   | CPN-3  | C-G     | 3      | NNN | Within sleeve on pen |
| 1-MS-7  | MS fr SG to stop valves | 6       | 23               | P-SA | SADDLE | C-G     | 2A     | SUR | Fillet               |
| 1-MS-7  | MS fr SG to stop valves | 6       | 22               | B-SA |        | C-G     | 2A     | SUR | Vol impractical      |
| 1-MS-7  | MS fr SG to stop valves | 6       | 25               | B-SA |        | C-G     | 2A     | SUR | Vol impractical      |
| 1-MS-7  | MS fr SG to stop valves | 6       | 26               | P-SA | SADDLE | C-G     | 2A     | SUR | Fillet               |
| 1-MS-7  | MS fr SG to stop valves | 6       | 27               | P-B  |        | C-G     | 3      | NNN | Weld covered by sad  |
| 1-MS-7  | MS fr SG to stop valves | 6       | 28               | B-SA |        | C-G     | 2A     | SUR | Vol impractical      |

D. C. COOK NUCLEAR PLANT, UNIT 1

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

| System Main Steam |                         | Class 2 | Flow Diagram No. 5105 |      |        |         |        | Rev.2 11/1/92 |                     |
|-------------------|-------------------------|---------|-----------------------|------|--------|---------|--------|---------------|---------------------|
| ISO               | SYSTEM FUNCTION         | SIZE    | WELD                  | COMP | COMP # | IWC2520 | RELIEF | ALT           | REMARKS             |
| 1-MS-7            | MS fr SG to stop valves | 6       | 29                    | P-SA | SADDLE | C-6     | 2A     | SUR           | Fillet              |
| 1-MS-7            | MS fr SG to stop valves | 6       | 30                    | P-B  |        | C-G     | 3      | NNN           | Weld covered by sad |
| 1-MS-7            | MS fr SG to stop valves | 6       | 31                    | B-SA |        | C-G     | 2A     | SUR           | Vol Impractical     |
| 1-MS-7            | MS fr SG to stop valves | 6       | 32                    | P-SA | SADDLE | C-G     | 2A     | SUR           | Fillet              |
| 1-MS-7            | MS fr SG to stop valves | 6       | 33                    | P-B  |        | C-G     | 3      | NNN           | Weld covered by sad |
| 1-MS-7            | MS fr SG to stop valves | 6       | 34                    | B-SA |        | C-G     | 2A     | SUR           | Vol impractical     |
| 1-MS-7            | MS fr SG to stop valves | 6       | 35                    | P-SA | SADDLE | C-G     | 2A     | SUR           | Fillet              |
| 1-MS-7            | MS fr SG to stop valves | 6       | 36                    | P-B  |        | C-G     | 3      | NNN           | Weld covered by sad |
| 1-MS-7            | MS fr SG to stop valves | 6       | 37                    | B-SA |        | C-G     | 2A     | SUR           | Vol impractical     |
| 1-MS-7            | MS fr SG to stop valves | 6       | 38                    | P-SA | SADDLE | C-G     | 2A     | SUR           | Fillet              |
| 1-MS-7            | MS fr SG to stop valves | 6       | 39                    | P-B  |        | C-G     | 3      | NNN           | Weld covered by sad |
| 1-MS-7            | MS fr SG to stop valves | 6       | 40                    | P-B  |        | C-G     | 3      | NNN           | Weld covered by sad |





TABLE 2 COMPONENTS AND WELDS FOR WHICH CODE RELIEF IS REQUESTED

System Feedwater

Class 2

Flow Diagram No. 5106

Rev.2 11/1/82

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

\*R2

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

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

| ISO     | SYSTEM FUNCTION                           | SIZE | WELD | COMP | COMP #   | IWC2520 | RELIEF | ALT | REMARKS                     |
|---------|---|------|------|------|----------|---------|--------|-----|-----------------------------|
| 1-RH-1  | RHR fr RHR pump disc to RHR HX            | 8    | ALL  | ALL  | C-G      | 4       | VIS    |     |                             |
| 1-RH-10 | RHR fr RHR HX to charg pump suction       | 8    | ALL  | ALL  | C-G      | 4       | VIS    |     |                             |
| 1-RH-11 | RHR fr RHR HX to valve ICM-111            | 8    | ALL  | ALL  | C-G      | 4       | VIS    |     |                             |
| 1-RH-2  | RHR fr RHR pump disc to RHR HX            | 8    | ALL  | ALL  | C-G      | 4       | VIS    |     |                             |
| 1-RH-27 | RHR fr ICM-311 & 312 to RC system         | 12   | ALL  | ALL  | C-G      | 4       | VIS    |     |                             |
| 1-RH-28 | RHR fr ICM-129 to RHR pumps               | 14   | ALL  | ALL  | C-G      | 4       | VIS    |     |                             |
| 1-RH-3  | RHR fr RHR HX to valves ICM-311 & ICM-321 | 8    | ALL  | ALL  | C-G      | 4       | VIS    |     |                             |
| 1-RH-30 | RHR fr ICM-311 & 312 to RC system         | 12   | ALL  | ALL  | C-G      | 4       | VIS    |     |                             |
| 1-RH-4  | RHR fr RHR HX to valve ICM-111            | 12   | ALL  | ALL  | C-G      | 4       | VIS    |     |                             |
| 1-RH-5  | RHR fr RHR HX to SI pump 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 Restriction |
| 1-SI-30 | Accumulator to check valve                | 10   | 6    | P-EL | C-G      | 1       | -      |     | Possible access restriction |
| 1-SI-30 | Accumulator to check valve                | 10   | 7    | EL-V | C-G      | 1       | -      |     | Possible access restriction |
| 1-SI-32 | Accumulator to check valve                | 10   | 4    | P-EL | C-G      | 1       | -      |     | Possible access restriction |
| 1-SI-32 | Accumulator to check valve                | -    |      | H    | GS1-R547 | C-E-1   | 1      | -   | Possible access restriction |
| 1-SI-32 | Accumulator to check valve                | 10   | 8    | EL-P | C-G      | 1       | -      |     | Possible access restriction |
| 1-SI-32 | Accumulator to check valve                | 10   | 10   | V-EL | C-G      | 1       | -      |     | Possible access restriction |
| 1-SI-34 | Accumulator to check valve                | 10   | 4    | P-EL | C-G      | 1       | -      |     | Possible access restriction |
| 1-SI-34 | Accumulator to check valve                | 10   | 8    | EL-V | C-G      | 1       | -      |     | Possible access restriction |
| 1-SI-4  | RHR fr ICM-129 to RHR pumps               | 14   | ALL  | ALL  | C-G      | 4       | VIS    |     |                             |
| 1-SI-68 | RHR fr ICM-311 & 312 to RC system         | 8    | ALL  | ALL  | C-G      | 4       | VIS    |     |                             |
| 1-SI-69 | RHR fr ICM-311 & 312 to RC system         | 6    | ALL  | ALL  | C-G      | 4       | VIS    |     |                             |
| 1-SI-70 | RHR fr ICM-311 & 312 to RC system         | 6    | ALL  | ALL  | C-G      | 4       | VIS    |     |                             |
| 1-SI-71 | RHR fr ICM-311 & 312 to RC system         | 8    | ALL  | ALL  | C-G      | 4       | VIS    |     |                             |

D. C. COOK NUCLEAR PLANT, UNIT 1TABLE 2 - COMPONENTS AND WELDS FOR WHICH CODE RELIEF IS REQUESTED

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

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

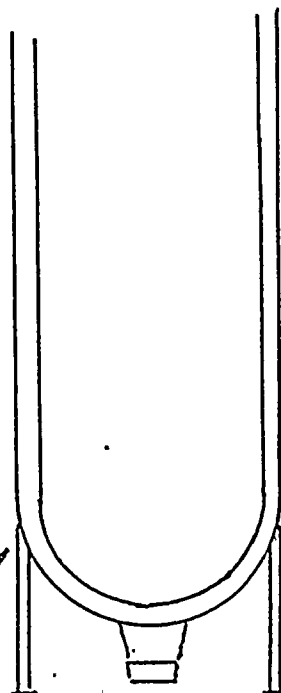


ATTACHMENT NO. 3 TO AEP:NRC:0070H

1997

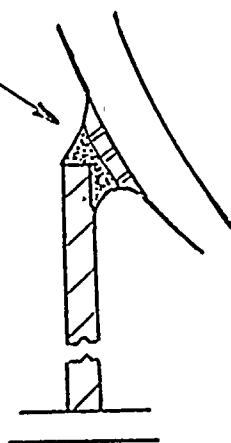
Attachment G  
Submitted as supplement  
to AEP:NRC:00070G  
Previously submitted 9/23/82  
as an informal submittal  
Submitted formally as 00070H

Pressurizer



Weld between shell  
and support skirt

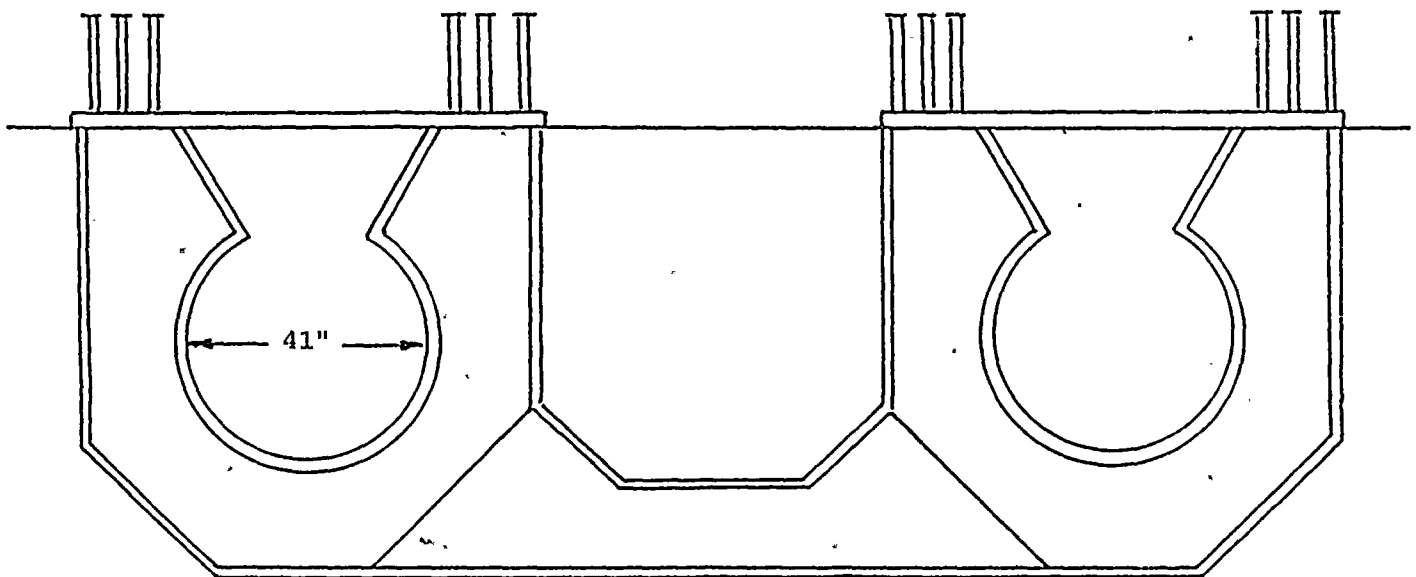
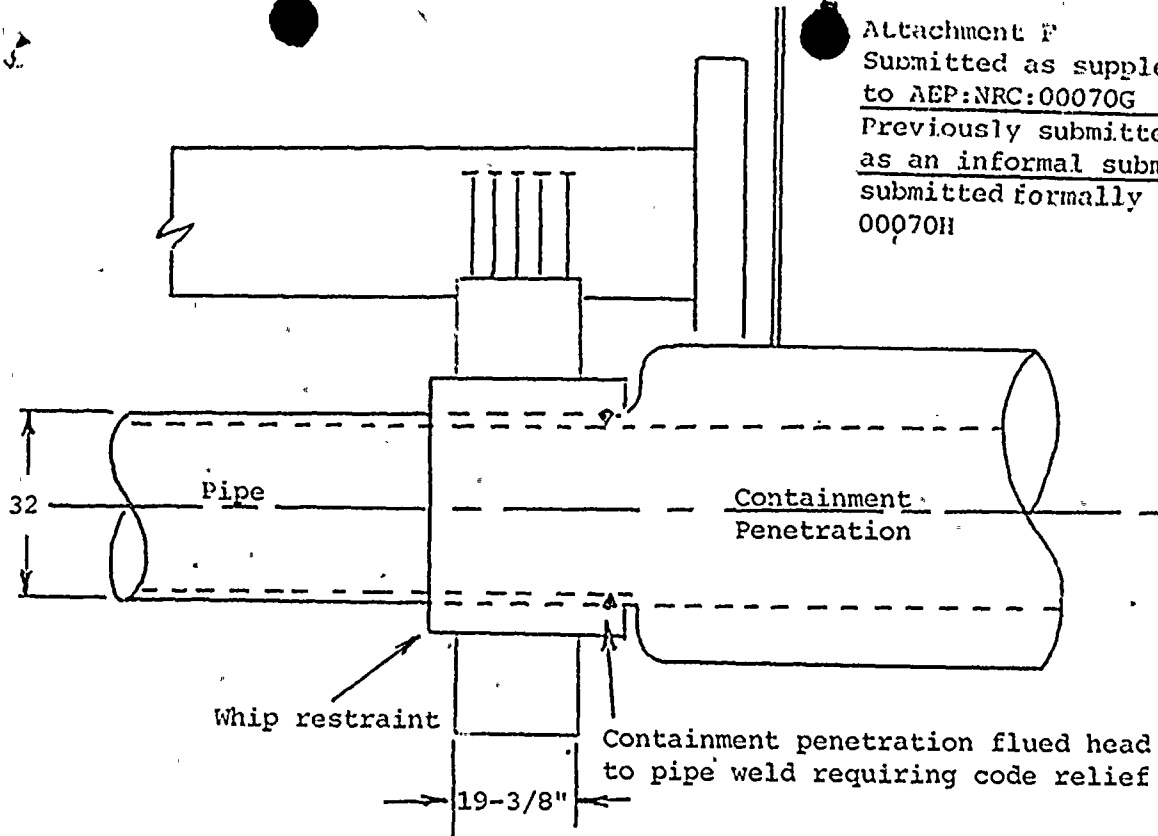
Weld detail  
LTP Ref. Number 008505







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



Whip Restraint

1000