



8905250257

50-269  
Docket # 8905230092  
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Date 5/5/89  
REGULATORY DOCKET FILE

SSF RELATED  
A CONDITION 1

FLOW DIAGRAM OF  
REACTOR COOLANT  
SYSTEM  
(PRESSURIZER)

FLOW DIAGRAM OF  
REACTOR COOLANT  
SYSTEM  
(PRESSURIZER)

DWG. NO. OFD-100A-2.2

11-13-2

1. OPERATING MODEL REPRESENTED  
BY SOLD LINEAR PRESSURIZED SURGE & SPRAY FLOW

2. 1/2" THRU 2" SCH. 80  
2 1/2" THRU 10" SCH. 40  
12" STD  
14" SCH. 40

TUBING  
3/8" .065" WALL  
1/2" .055" WALL

3. 1/2" THRU 6" SCH. 160  
8" THRU 18" SCH. 40

4. REFER TO AN-1201-102 AND AN-1201-103  
FOR NOZZLE CONNECTION NUMBERS.

5. THE ORIGINAL ISSUE OF THIS  
DRAWING IS REV'D ON  
PO-1102-2, REV. 24,  
PO-1157, REV. 3

| DESIGN PARAMETERS |            |                 |              |          |                |  |
|-------------------|------------|-----------------|--------------|----------|----------------|--|
| LINE NO.          | DUKE CLASS | DESIGN PRESSURE | DESIGN TEMP. | MATERIAL | PIPE SPEC. NO. |  |
| 1                 | A          | 2500 PSIG       | 670°F        | B & W    | B & W          |  |
| 2                 | A          | 2500 PSIG       | 670°F        | B & W    | B & W          |  |
| 3                 | A          | 2500 PSIG       | 670°F        | B & W    | B & W          |  |
| 4                 | A          | 2500 PSIG       | 670°F        | SS       | 1501.          |  |
| 5                 | AC         | 2500 PSIG       | 670°F        | SS       | 1501.          |  |
| 6                 | BC         | 2500 PSIG       | 670°F        | SS       | 1501.          |  |
| 7                 | BC         | 2500 PSIG       | 670°F        | SS       | 1501.          |  |
| 8                 | AC         | 2500 PSIG       | 670°F        | SS       | 1501.          |  |
| 9                 | BC         | 2500 PSIG       | 670°F        | SS       | 1501.          |  |
| 10                | BC         | 2500 PSIG       | 300°F        | SS       | 1501.          |  |
| 11                | C          | 700 PSIG        | 500°F        | SS       | 601.           |  |
| 12                |            |                 |              |          | TS 5701.       |  |

|                                   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
|-----------------------------------|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|
|                                   |  |  |  |  |  |  |  |  |  | DUKE POWER COMPANY<br>CONNIE NUCLEAR STATION-UNIT 2 |  |  |  |  |  |  |  |  |  |
| 5 REV PER ONPR-2334               |  |  |  |  |  |  |  |  |  | DECL 4/1/80   |  |  |  |  |  |  |  |  |  |
| 4. REV PER NICHOLSON, 4/26/80     |  |  |  |  |  |  |  |  |  | 4/26/80   |  |  |  |  |  |  |  |  |  |
| 3. ADDED S&P RELEASE STAMP        |  |  |  |  |  |  |  |  |  | 4/26/80   |  |  |  |  |  |  |  |  |  |
| 2. Revised MSB R&R Revised 0/1/80 |  |  |  |  |  |  |  |  |  | 4/26/80   |  |  |  |  |  |  |  |  |  |
| 1. Rev. Per. 4/26/80              |  |  |  |  |  |  |  |  |  | 4/26/80   |  |  |  |  |  |  |  |  |  |
| Date: 4/26/80                     |  |  |  |  |  |  |  |  |  | 4/26/80   |  |  |  |  |  |  |  |  |  |
| REVIEWER FOR DOCUMENT UPGRADE     |  |  |  |  |  |  |  |  |  | DATE: 4/26/80                                       |  |  |  |  |  |  |  |  |  |
| NO. REVISIONS                     |  |  |  |  |  |  |  |  |  | DWG. NO. OPD-1000-2                                 |  |  |  |  |  |  |  |  |  |