



- NOTES:
1. OPERATING MODE REPRESENTED BY BOLD LINES: NORMAL LETDOWN FLOW ONE PURIFICATION DEMINERALIZER IN SERVICE.
 2. 1/2" THRU 2" SCH. 40
 3. 2 1/2" THRU 12" SCH. 40
 4. 14" THRU 18" SCH. 40
 5. THE ORIGINAL ISSUE OF THIS DRAWING IS BASED ON PD-109A-3, REV. 18.

DESIGN PARAMETERS

| LINE NO. | LINE CLASS | DESIGN PRESS. | DESIGN TEMP. | MATERIAL | PIPE SPEC. NO. | PIPE SCH. NO. | ISI CLASS |
|----------|------------|---------------|--------------|----------|----------------|---------------|-----------|
| 1 | C | 150 PSIG | 200°F | SS | 151.3 | NOTE 2 | C |
| 2 | E | 150 PSIG | 200°F | SS | 151.4 | NOTE 2 | - |
| 3 | E | 150 PSIG | 200°F | SS | 151.4 | NOTE 2 | - |



| NO. | REV. | DATE | CHG. | DATE | APPR. | DATE | CIVIL | ELEC. | MCC | INSULATED |
|-----|--|------|---------|------|---------|------|----------|-------|---------|-----------|
| 4 | REV. PER OMD-2001 | JMP | 6-4-93 | AKC | 6-18-93 | JLS | 6-7-93 | AKC | 6-22-93 | AKC |
| 3 | REV. PER DE-4612 & OMPR-3719 | BEK | 3-23-92 | JME | 3-26-92 | RLB | 3-5-92 | WMM | NET | DHW |
| 2 | REV. PER NSM ON-1744/200, IMP. | BEK | 6-28-90 | TEH | 9-5-90 | WAM | 11-21-90 | WNO | NET | CGA |
| 1 | DATE 4-10-90 AND PER VNGC-387, OC-667 AND DC-683 | --- | --- | --- | --- | --- | --- | --- | --- | --- |

DUKE POWER COMPANY
OCONEE NUCLEAR STATION UNIT 3

Q.A. CONDITION 2
Q.A. CONDITION 1

9502230297

FLOW DIAGRAM OF
PURIFICATION DEMINERALIZERS

DESIGNER: D.W. WILSON, DATE: 2-14-84, INSP. BY: J. BRANTON, DATE: 2-22-84
 DRAWN: F.D. MITCHELL, DATE: 2-14-84, INSP. BY: H.L. MCKAY, DATE: 2-22-84
 CHECKED: J.B. SWANSON, DATE: 2-14-84, INSP. BY: W.D. HANCOCK, DATE: 2-22-84
 DATE: 2-14-84

NO. REVISIONS

9502230297 INFORMATION ONLY

ANSTEC
APERTURE
CARD

50-269
9502230297
2/19/95