| SYSTEM DATA | | | | | |
|---|---|---|---|---|---|
| # | GPM | PSIG | °F | BY | REMARKS |
| 4 | 1100 | 43 | 90 | AM | |
| 5 | 100 | 43 | 90 | AM | RECYCLE |
| 6 | 600 | 113 | 90 | AM | RATING |
| 7 | 850 | 113 | 90 | AM | |
| | | | | | |
| | | | | | |

10,000 GALLONS
FILTERED WATER BREAK TANK
120' DIA. X 17' STR
RI-1
XTK-75-FI

PURCHASER'S FILTERED WATER STORAGE TANK
1,000,000 GALLONS
MB-1
XTK-76-FI

(2) 1100 GPM VS 100 TDH BREAK TANK PUMPS

(2) 800 GPM VS 260 TDH STORAGE TANKS PUMPS

TO WASTE

TO BACKUP PUMP

WATER TREAT. BLDG.

TURB. BLDG., W.T. BLDG.

ACTIVATED CARBON FILTER (XFL-0043A-FI)

ACTIVATED CARBON FILTER (XFL-0043B-FI)

NOTES:

1. ALL AUTOMATIC VALVES SHOWN REQUIRE FIELD (ELECTRIC AND/OR PNEUMATIC) CONNECTIONS.
2. INCLUDES INTERNAL RELIEF.
3. ITEMS DESIGNATED WITH (F) ARE FURNISHED BY EQUIPMENT SUPPLIER.
4. PER CGSG-16843-DE AND CGSG-16857-DE, GRAVER DRAWING T-119095-2G (DMS-57-901-11, REV. 2G) HAS BEEN REISSUED UNDER D-302-167, REV. 0, E-302-162, REV. 0 AND E-302-161, REV. 15. THIS DRAWING REFLECTS ORIGINAL GRAVER DESIGN INFORMATION.
5. XSR0003-DW - LOCAL CONTROL PANEL (S3).

| DESIGN DATA | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| # | NORMAL PSIG | NORMAL °F | UPSET PSIG | UPSET °F | UPSET DURA. | HY-DRO | BY | CHKD | REMARKS |
| 4 | 145 | 90 | - | - | - | - | - | - | |
| 3 | 45 | 90 | 56 | 95 | <1% | 65 | GHR | | |
| 2 | 115 | 90 | 130 | 95 | <1% | 225 | GHR | | |
| 1 | 55 | 90 | 64 | 95 | <1% | 80 | GHR | | |

| NO. | DATE | BY | REVISION | CKD. BY | LE APPROVAL |
|---|---|---|---|---|---|
| 11 | 5/4/95 | JTS | REVISED PER ECR-50078 | RHM | GPP |
| 10 | 8/13/97 | DDJ | REVISED PER CGSS-97-0392 | LEK | MGR |
| 15 | 11/27/18 | JMR | REVISED PER ECR-50917 | AME | DB |
| 14 | 7/31/18 | JMR | REVISED PER ECR-72395 | AME | AL |
| 13 | 4/12/07 | JTS | REVISED PER ECR-50509 | MGR | TOC |
| 12 | 2/14/02 | JTS | REVISED PER ECR-70108 | MGR | JEG |

DRAWING LEGIBILITY
CLASS 1
SCE&G CAD ENHANCED

ESSENTIAL
RN 17-029
January 2019

FSAR FIGURE 9.2-9A

SOUTH CAROLINA ELECTRIC & GAS COMPANY

VIRGIL C. SUMMER NUCLEAR STATION

PIPING SYSTEM FLOW DIAGRAM

FILTERED WATER

SCE&G A SCANA COMPANY — DESIGN ENGINEERING — V. C. SUMMER NUCLEAR STATION JENKINSVILLE, S. C.

| MADE | CHECKED | LE APPROVAL |
|---|---|---|
| DDJ | MGR | JAC |

SCALE: NO SCALE | D-302-162 | 15 (DRAWING NUMBER | SHT. NUMBER | REV)

1/4"= 1'-0" (0' 5' 10' 15' 20')