



- NOTES:
1. FOR DETAILED OPERATING INSTRUCTION, BACKWASH RATES, ETC. SEE MANUFACTURER'S INSTRUCTION MANUAL.
 2. ALL VALVES ARE SAME SIZE AS PIPE UNLESS OTHERWISE NOTED.
 3. HEAVY LINES SHOW WATER FLOW THROUGH SYSTEM DURING NORMAL OPERATION.
 4. OPERATIONAL VALVES ARE SHOWN IN THEIR NORMAL OPERATING POSITION.
 5. ALL PRESSURE AND TEST CONNECTIONS ARE 1/2" UNLESS OTHERWISE NOTED.
 6. VALVE AND INSTRUMENT NUMBERS ARE COMMON TO ALL UNITS EXCEPT WHERE A PREFIX OF THE UNIT NUMBER IS ADDED.

- LEGEND
- CLOSED DRAIN (Welded connection)
 - OPEN DRAIN (Flange connection)
 - CAPPED DRAIN (SPACE) OR CLEAN OUT (CO)
 - FLOOR DRAIN

REFERENCE DRAWINGS:
 47W801-1 - FLOW DIAGRAM - MAIN STEAM - SYMBOLS AND INDEX
 47A366-77 - TABULATION OF VALVE MARKER TAGS SHEETS 4THRU 21
 SEE DRAWINGS:
 728203 - RADWASTE SYSTEM P&ID

- NOTES (CONT)
7. DESIGN PRESSURE AND TEMPERATURE FOR ENTIRE DRAINAGE SYSTEM IS ATMOSPHERIC AND 140°F; RADWASTE SUMP PUMPS DISCHARGE SYSTEMS AT 100 PSI AND 140°F.
 8. --- DENOTES DESIGN PRESSURE AND TEMPERATURE BOUNDARIES FOR PIPING SYSTEMS. THE DESIGN TEMPERATURE IS 140°F EXCEPT AS NOTED. (SHEETS 1 THRU 6 ONLY)
 9. THE DESIGN PRESSURE AND TEMPERATURE OF ALL DRAIN AND VENT LINES THROUGH THE LAST ISOLATION VALVE SHALL BE THE SAME AS PROCESS LINE.
 10. HYDROSTATIC TESTING FOR PIPING SYSTEMS SHALL BE AT LEAST 1-1/2 TIMES THE DESIGN PRESSURE.

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TI
 APERTURE
 CARD

STANDBY GAS TREATMENT & RADIOACTIVE WASTE BUILDING

FLOW DIAGRAM
 RADWASTE

BROWNS FERRY NUCLEAR PLANT
 TENNESSEE VALLEY AUTHORITY
 DIVISION OF ENGINEERING DESIGN

SUBMITTED	RECOMMENDED	APPROVED
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
KNOXVILLE	12-17-69	67 M 47W830-1RS

COMPANION DRAWINGS: 47W830-2 THRU 9

