

- NOTES:
1. DESIGN PRESSURES AND TEMPERATURES FOR THE SYSTEM:
MAIN RCW PUMP DISCHARGE PIPING 63 PSIG AT 150°F UNLESS NOTED IN TABLE A (3-47E844-3).
 2. ALL VALVES ARE PREFIXED 3-24, UNLESS OTHERWISE NOTED.
 3. ALL INSTRUMENTS ARE PREFIXED 3-24, UNLESS OTHERWISE NOTED.
 4. ALL VALVES ARE THE SAME SIZE AS PIPE UNLESS OTHERWISE NOTED.
 5. ALL INSTRUMENT CONNECTIONS ARE 1/2" UNLESS OTHERWISE NOTED.
 6. VALVE POSITIONS SHOWN ARE FOR NORMAL SYSTEM OPERATION (FULL POWER).
 7. PNEUMATIC CONTROL VALVES FAIL CLOSED UNLESS OTHERWISE NOTED.
 8. UNITS ON DRAWINGS ARE FOR REFERENCE ONLY AND ARE ABBREVIATED TO MEET SPACE CONSTRAINTS. REFER TO MEL FOR COMPLETE UNITS.
 9. VENT, DRAIN, AND TEST CONNECTIONS 1-1/2" AND BELOW CAN BE PROVIDED WITH PIPE CAPS OR ROSE CONNECTION FITTINGS WHERE REQUIRED BY PLANT PERSONNEL. THIS CONFIGURATION IS SUPPORTED BY ENGINEERING CALCULATION CD-00999-923395.

- REFERENCE DRAWINGS:
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| MEL | 47844-1 | MECHANICAL VALVE MARKER TAG TABULATION |
| 47844-2 | PIPING - REACTOR BUILDING | |
| 47844-3 | PIPING - TURBINE BUILDING | |
| 47844-4 | PIPING - SERVICE BUILDING | |
| 47844-5 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-6 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-7 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-8 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-9 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-10 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-11 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-12 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-13 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-14 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-15 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
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| 47844-19 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
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| 47844-21 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-22 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-23 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-24 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-25 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-26 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-27 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
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| 47844-30 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-31 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
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| 47844-37 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-38 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-39 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-40 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-41 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-42 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-43 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
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| 47844-98 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-99 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |
| 47844-100 | MECHANICAL CONTROL DIAGRAM - RCW SYSTEM | |

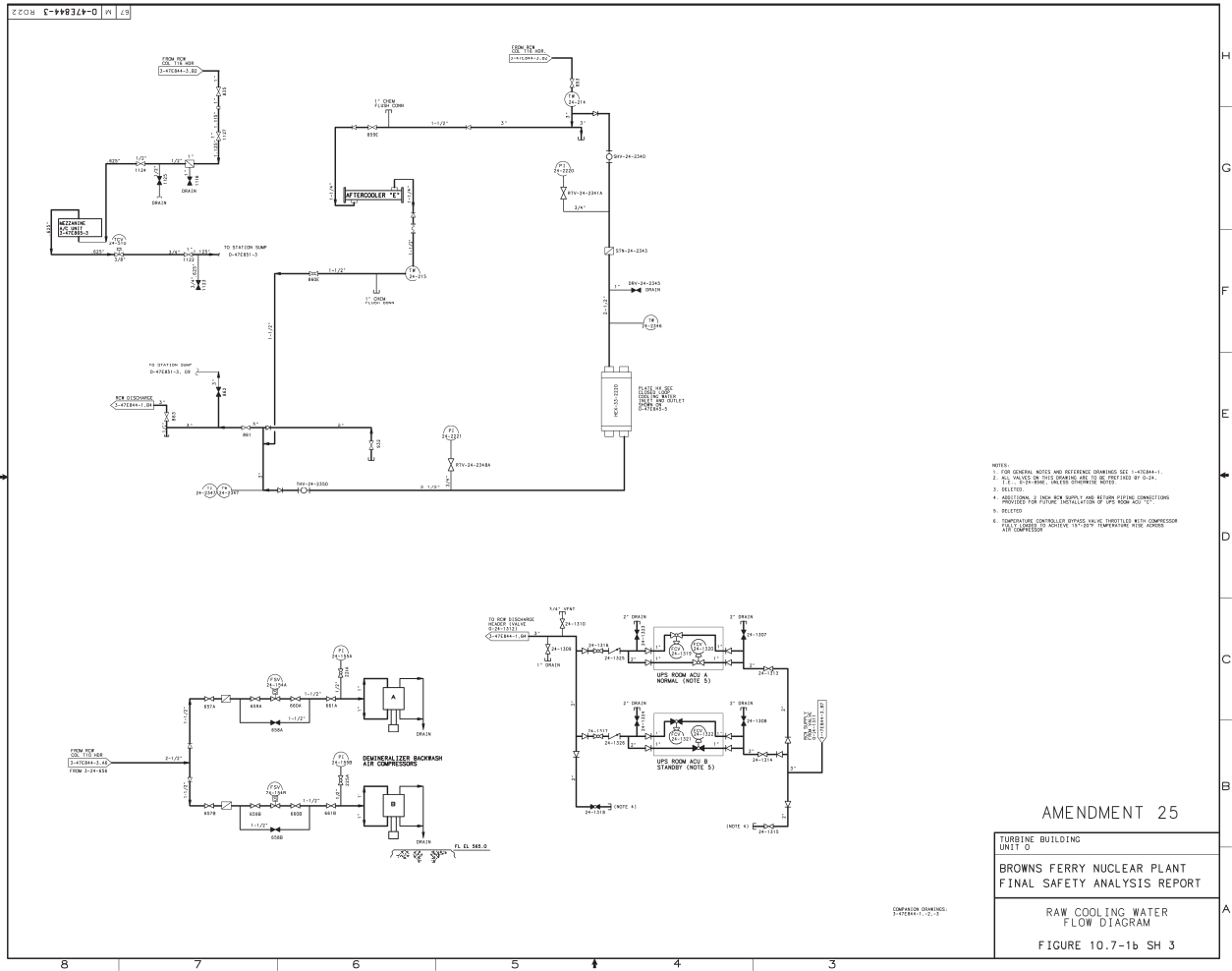
AMENDMENT 29

TURBINE & SERVICE BLDG
UNIT 3
BROWNS FERRY NUCLEAR PLANT
FINAL SAFETY ANALYSIS REPORT

RAW COOLING WATER
FLOW DIAGRAM

FIGURE 10.7-1a SH 3

COMPANION DRAWINGS:
0-47E844-3
1-47E844-1, -2 A -3
2-47E844-1, -2 A -3
3-47E844-2 A -3



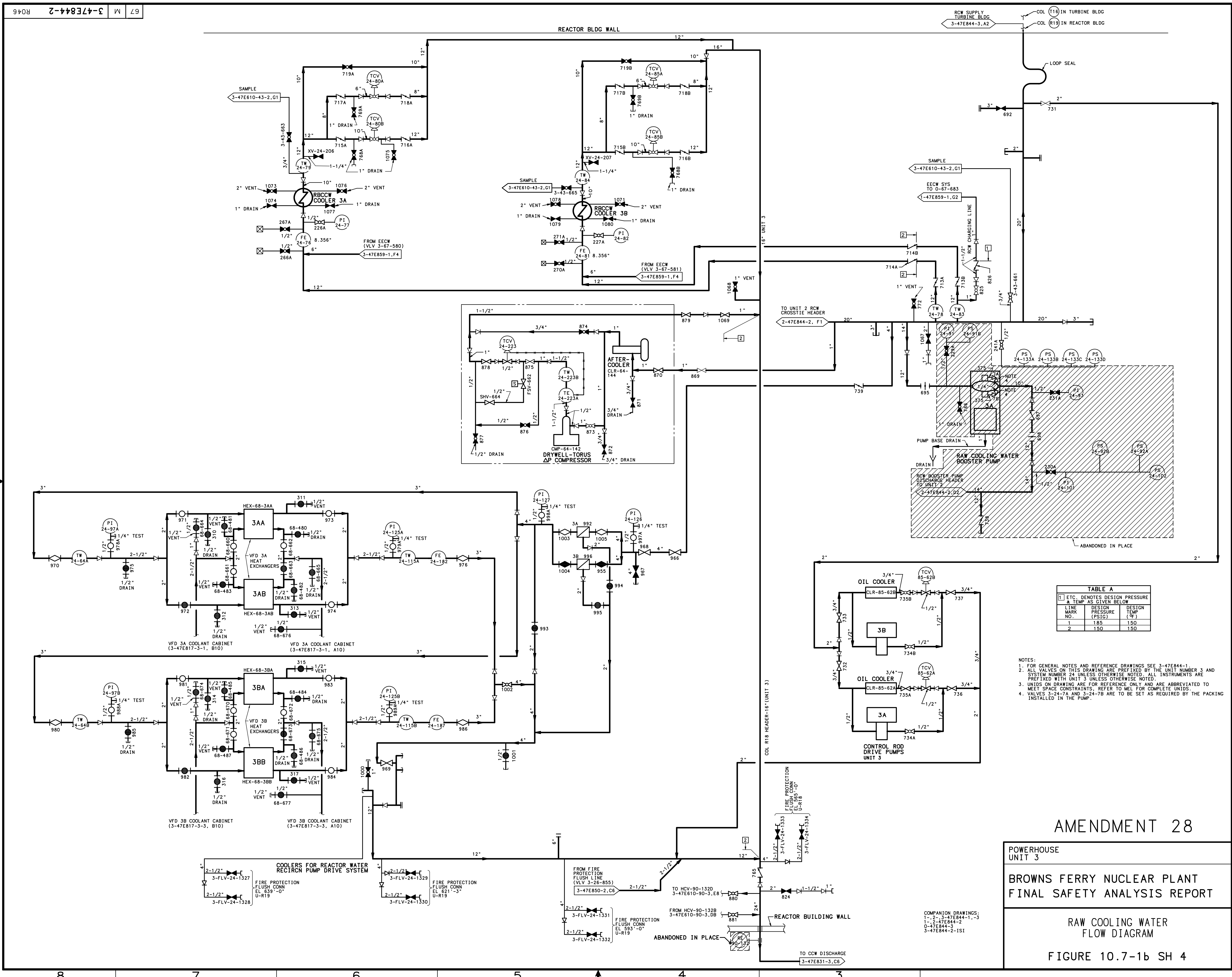


TABLE A			
E.T.C. DENOTES DESIGN PRESSURE & TEMP AS GIVEN BELOW			
LINE MARK NO.	DESIGN PRESSURE (PSIG)	DESIGN TEMP (°F)	
1	185	150	
2	150	150	

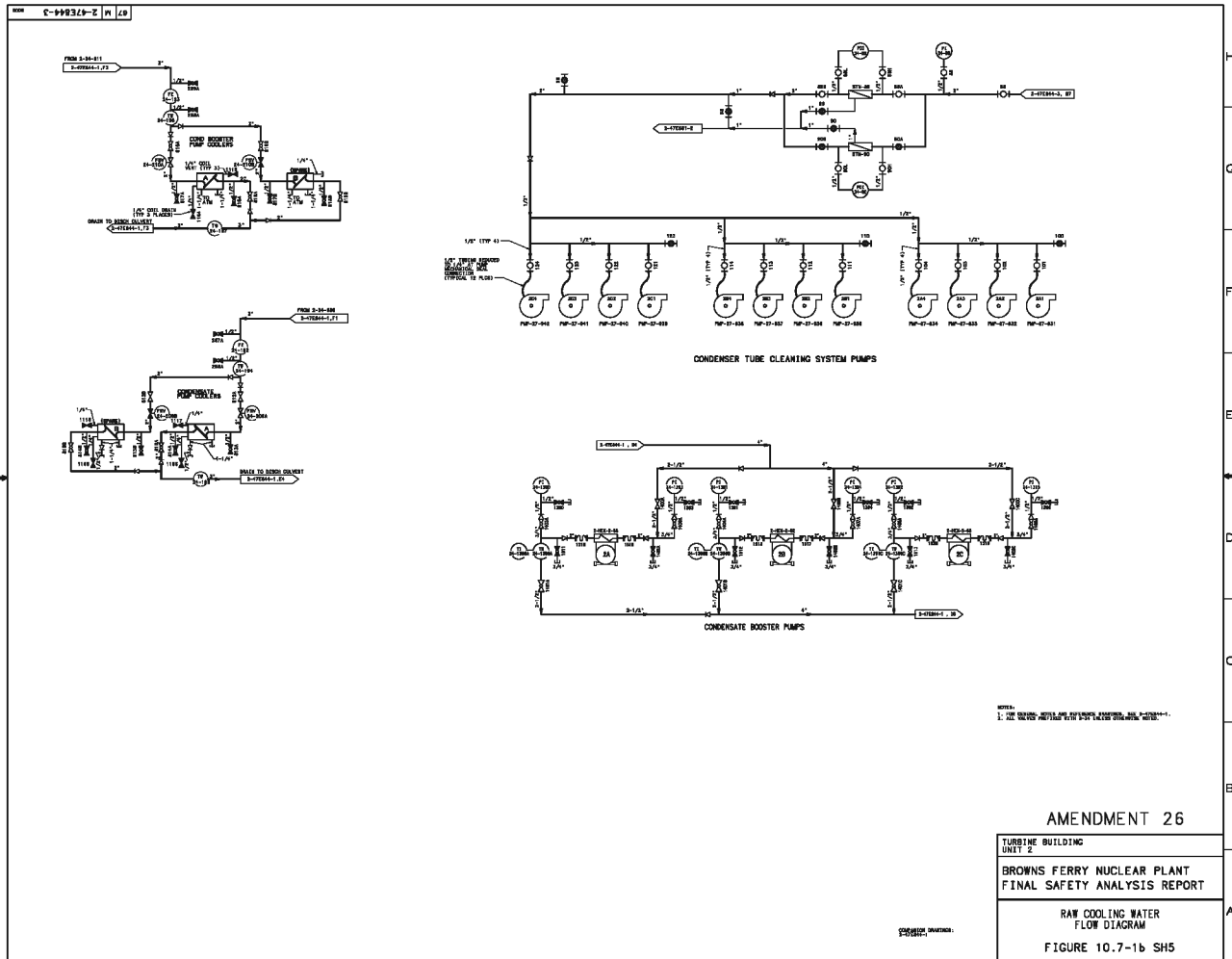
- NOTES:
1. FOR GENERAL NOTES AND REFERENCE DRAWINGS SEE 3-47E844-1.
 2. ALL VALVES ON THIS DRAWING ARE PREFIXED BY THE UNIT NUMBER 3 AND SYSTEM NUMBER 24 UNLESS OTHERWISE NOTED. ALL INSTRUMENTS ARE PREFIXED BY UNIT 3 UNLESS OTHERWISE NOTED.
 3. UNITS ON DRAWING ARE FOR REFERENCE ONLY AND ARE ABBREVIATED TO MEET SPACE CONSTRAINTS. REFER TO MEL FOR COMPLETE UNITS.
 4. VALVES 3-24-7A AND 3-24-7B ARE TO BE SET AS REQUIRED BY THE PACKING INSTALLED IN THE PUMP.

AMENDMENT 28

POWERHOUSE
UNIT 3
BROWNS FERRY NUCLEAR PLANT
FINAL SAFETY ANALYSIS REPORT

RAW COOLING WATER
FLOW DIAGRAM

FIGURE 10.7-1b SH 4



AMENDMENT 26

TURBINE BUILDING
BROWNS FERRY NUCLEAR PLANT
FINAL SAFETY ANALYSIS REPORT
RAW COOLING WATER
FLOW DIAGRAM
FIGURE 10.7-1b SH5

