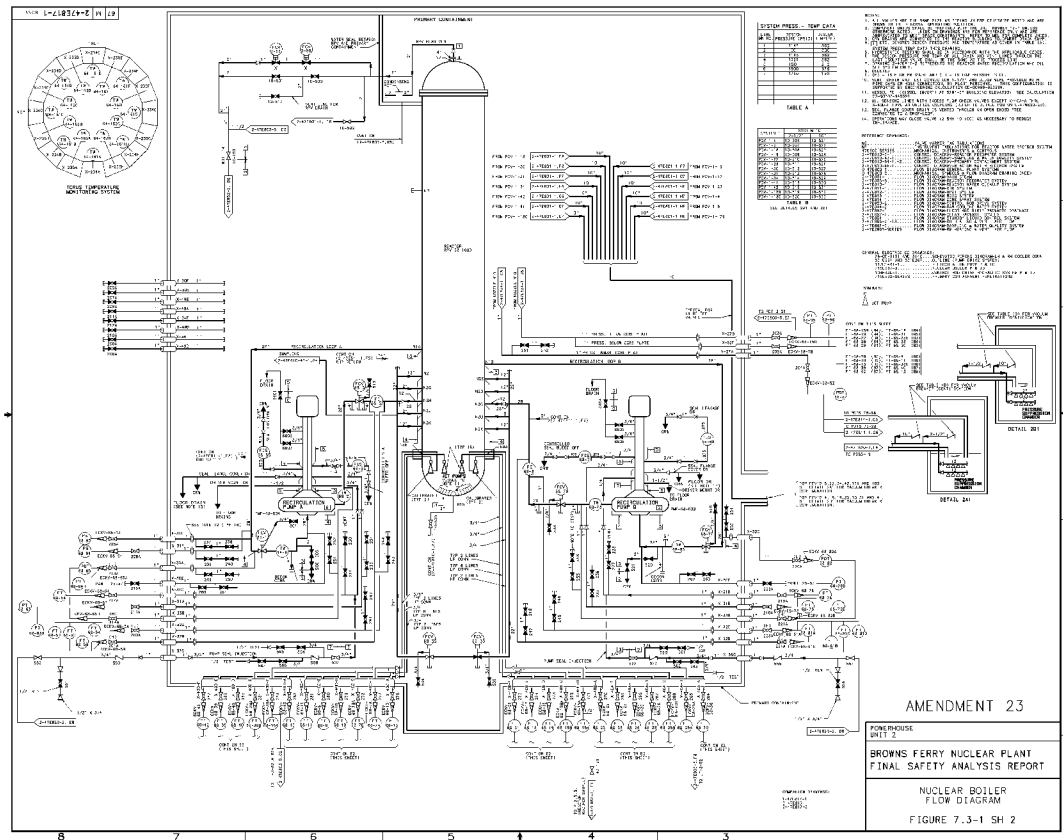


BFN-19

Figure 7.3-1

(Deleted by Amendment 17)



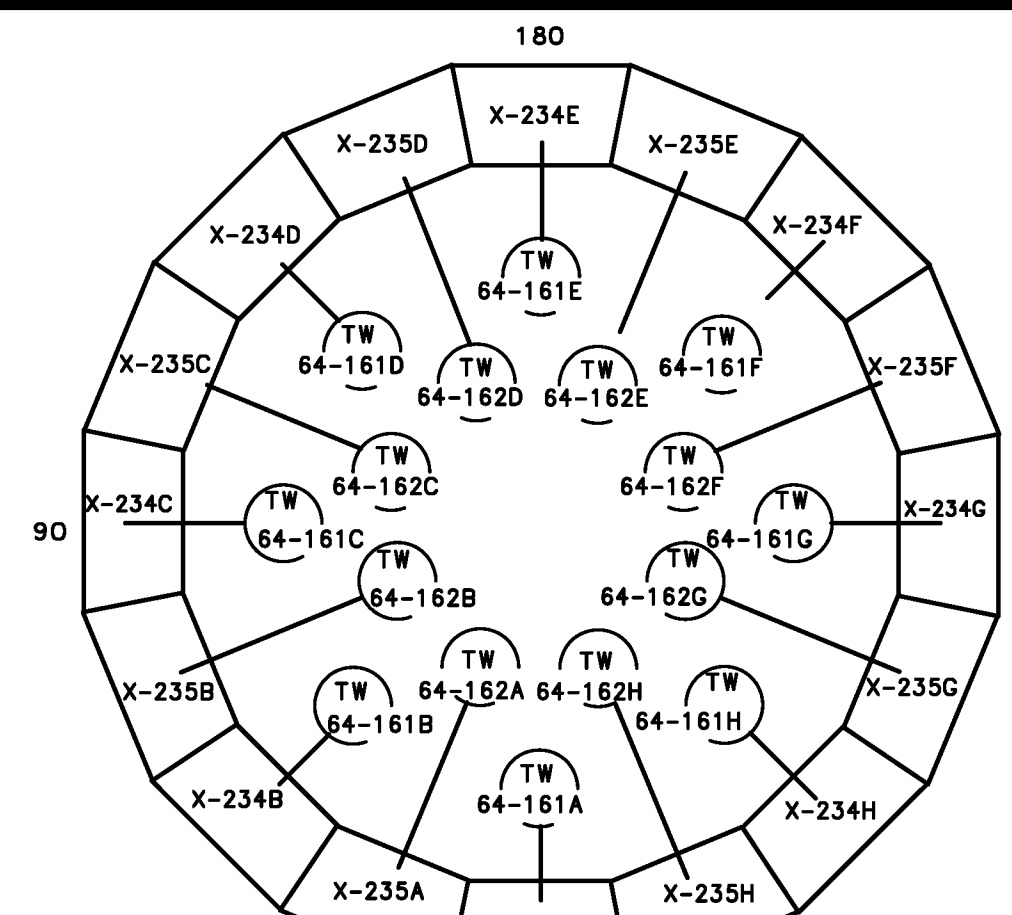
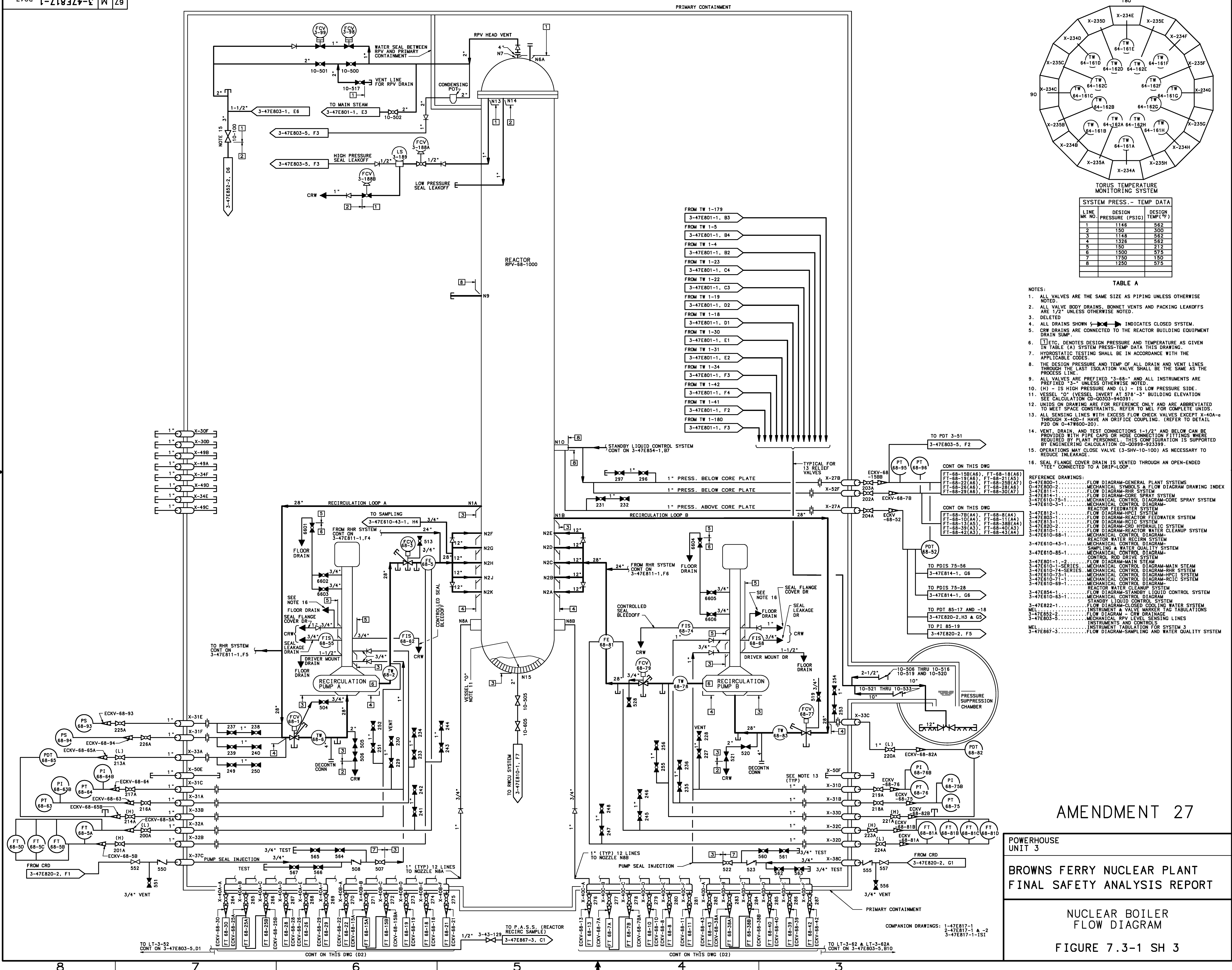


TABLE A

LINE NO.	DESIGN PRESSURE (PSIG)	DESIGN TEMP (°F)
1	1146	562
2	150	500
3	1148	562
4	1326	562
5	150	512
6	1500	575
7	1500	575
8	1250	575

- NOTES:
- ALL VALVES ARE THE SAME SIZE AS PIPING UNLESS OTHERWISE NOTED.
 - ALL VALVE BODY DRAINS, BONNET VENTS AND PACKING LEAKOFFS ARE 1/2" UNLESS OTHERWISE NOTED.
 - DELETED
 - ALL DRAINS SHOWN INDICATES CLOSED SYSTEM.
 - CRW DRAINS ARE CONNECTED TO THE REACTOR BUILDING EQUIPMENT DRAIN SUMP.
 - [L] ETC. DENOTES DESIGN PRESSURE AND TEMPERATURE AS GIVEN IN TABLE (A) SYSTEM PRESS-TEMP DATA THIS DRAWING.
 - HYDROSTATIC TESTING SHALL BE IN ACCORDANCE WITH THE APPLICABLE CODES.
 - THE DESIGN PRESSURE AND TEMP OF ALL DRAIN AND VENT LINES THROUGH THE LAST ISOLATION VALVE SHALL BE THE SAME AS THE PROCESS LINE.
 - ALL VALVES ARE PREFIXED "3-68-" AND ALL INSTRUMENTS ARE PREFIXED "3-" UNLESS OTHERWISE NOTED.
 - (H) - IS HIGH PRESSURE AND (L) - IS LOW PRESSURE SIDE.
 - VESSSEL "D" VESSEL INVERT AT 57' - 3" BUILDING ELEVATION SEE CALCULATION CD-00303-8400391.
 - UNITS ON DRAWING ARE FOR REFERENCE ONLY AND ARE ABBREVIATED TO MEET SPACE CONSTRAINTS. REFER TO MEL FOR COMPLETE UNITS.
 - ALL SENSING LINES WITH EXCESS FLOW CHECK VALVES EXCEPT X-404-6 THROUGH X-404-7 HAVE AN ORIFICE COUPLING. (REFER TO DETAIL P20 ON 0-47E800-20).
 - VENT, DRAIN, AND TEST CONNECTIONS 1-1/2" AND BELOW CAN BE PROVIDED WITH PIPE CAPS OR HOSE CONNECTION FITTINGS WHERE REQUIRED BY PLANT PERSONNEL. THIS CONFIGURATION IS SUPPORTED BY ENGINEERING CALCULATION CD-00889-923399.
 - OPERATIONS MAY CLOSE VALVE (3-SHV-10-100) AS NECESSARY TO REDUCE TIME/LAG.
 - SEAL FLANGE COVER DRAIN IS VENTED THROUGH AN OPEN-ENDED "TEE" CONNECTED TO A DRAIN LOOP.
- REFERENCE DRAWINGS:
- 0-47E800-1.....FLOW DIAGRAM-GENERAL PLANT SYSTEMS
 - 0-47E800-2.....MECHANICAL SYMBOLS & FLOW DIAGRAM INDEX
 - 3-47E811-1.....FLOW DIAGRAM-RHR SYSTEM
 - 3-47E811-2.....FLOW DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-3.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-4.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-5.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-6.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-7.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-8.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-9.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-10.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-11.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-12.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-13.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-14.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-15.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-16.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-17.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-18.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-19.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-20.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-21.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-22.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-23.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-24.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-25.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-26.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
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 - 3-47E811-97.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-98.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-99.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM
 - 3-47E811-100.....MECHANICAL CONTROL DIAGRAM-REACTOR CORE SPRAY SYSTEM

AMENDMENT 27

POWERHOUSE
UNIT 3

BROWNS FERRY NUCLEAR PLANT
FINAL SAFETY ANALYSIS REPORT

NUCLEAR BOILER
FLOW DIAGRAM

FIGURE 7.3-1 SH 3

BFN-22

Figure 7.3-2a through 7.3-2l

(Deleted by Amendment 22)