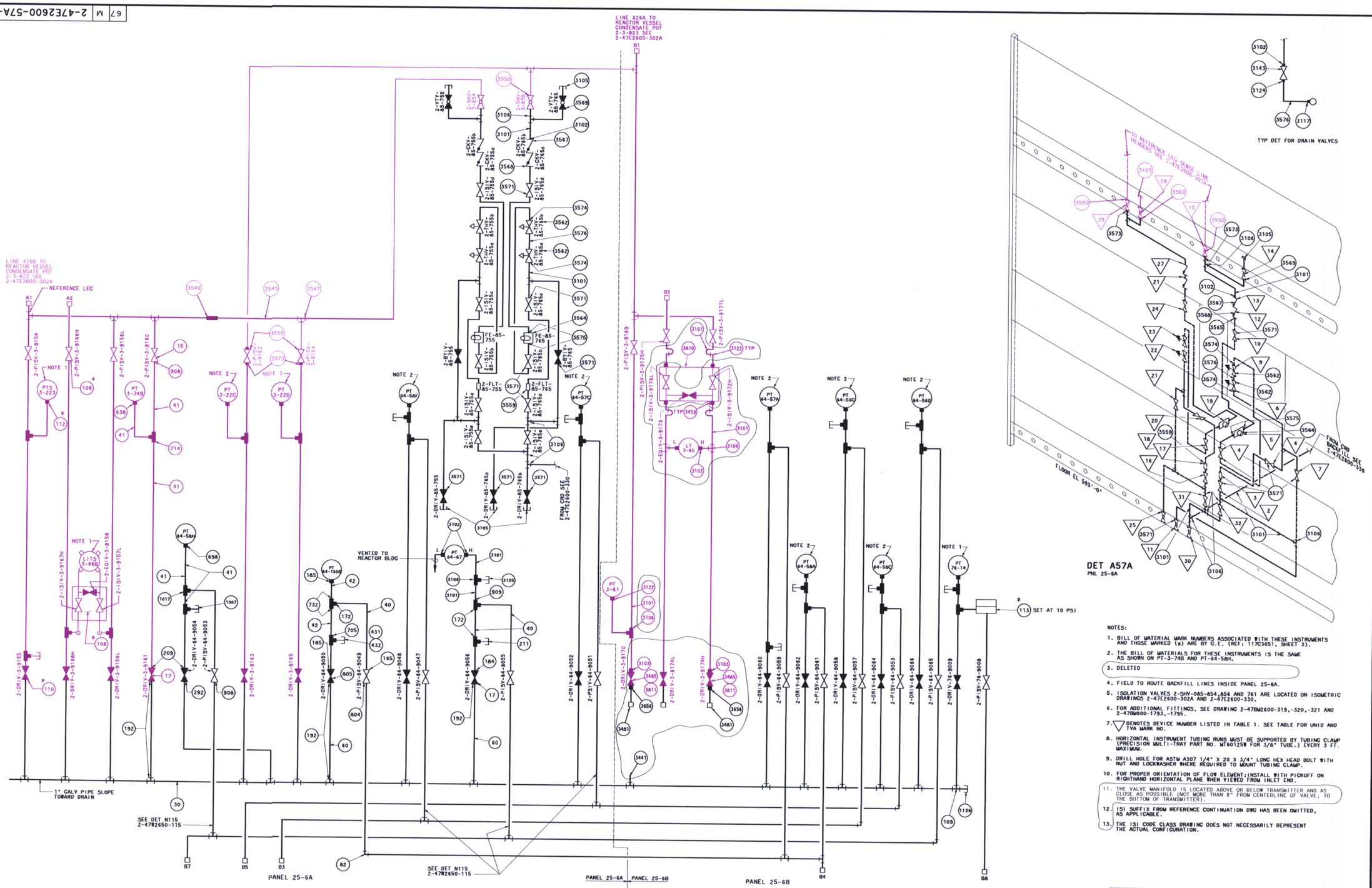

NOTES:

1. BILL OF MATERIAL MARK NUMBERS ASSOCIATED WITH THESE INSTRUMENTS AND THOSE MARKED (a) ARE BY G.E. (REF: 117C3051, SHEET 3).
2. THE BILL OF MATERIALS FOR THESE INSTRUMENTS IS THE SAME AS SHOWN ON PT-3-74B AND PT-64-58H.
3. DELETED
4. FIELD TO ROUTE BACKFILL LINES INSIDE PANEL 25-6A.
5. ISOLATION VALVES 2-SHV-085-854,856 AND 761 ARE LOCATED ON ISOMETRIC DRAWINGS 2-47E2600-302A AND 2-47E2600-330.
6. FOR ADDITIONAL FITTINGS, SEE DRAWING 2-47BM2600-319,-320,-321 AND 2-47BM600-1783,-1795.
7. ▽ DENOTES DEVICE NUMBER LISTED IN TABLE 1. SEE TABLE FOR UNID AND TVA MARK NO.
8. HORIZONTAL INSTRUMENT TUBING RUNS MUST BE SUPPORTED BY TUBING CLAMP (PRECISION MULTI-TRAY PART NO. MT60125W FOR 3/8" TUBE.) EVERY 3 FT. MAXIMUM.
9. DRILL HOLE FOR ASTM A307 1/4" X 20 X 3/4" LONG HEX HEAD BOLT WITH NUT AND LOCKWASHER WHERE REQUIRED TO MOUNT TUBING CLAMP.
10. FOR PROPER ORIENTATION OF FLOW ELEMENT; INSTALL WITH PICKOFF ON RIGHTHAND HORIZONTAL PLANE WHEN VIEWED FROM INLET END.
11. THE VALVE MANIFOLD IS LOCATED ABOVE OR BELOW TRANSMITTER AND AS CLOSE AS POSSIBLE (NOT MORE THAN 8" FROM CENTERLINE OF VALVE, TO THE BOTTOM OF TRANSMITTER).
12. ISI SUFFIX FROM REFERENCE CONTINUATION DWG HAS BEEN OMITTED, AS APPLICABLE.
13. THE ISI CODE CLASS DRAWING DOES NOT NECESSARILY REPRESENT THE ACTUAL CONFIGURATION.

DEVICE NO.	UNID NO.	TVA MARK NO.	DEVICE NO.	UNID NO.	TVA MARK NO.
			17	2-FLT-85-755	3559
2	2-ISIV-85-765a	3571 (PNL MNT)	18	2-ISIV-85-755b	3571 (PNL MNT)
3	2-FLT-85-765	3559	19	FE-85-755	3564
4	2-ISIV-85-765b	3571 (PNL MNT)	20	2-ISIV-85-755c	3571
5	FE-85-765	3564	21	2-BYIV-85-755	3571
6	2-ISIV-85-765c	3571	22	2-THV-85-755a	3562 (PNL MNT)
7	2-BYIV-85-765	3571	23	2-THV-85-755b	3562 (PNL MNT)
8	2-THV-85-765a	3562 (PNL MNT)	24	2-ISIV-85-755d	3571 (PNL MNT)
9	2-THV-85-765b	3562 (PNL MNT)	25	2-DRIV-85-755	3143 (PNL MNT)
10	2-ISIV-85-765d	3571 (PNL MNT)	26	2-CKV-85-755a	3568
11	2-DRIV-85-765A	3143 (PNL MNT)	27	2-CKV-85-755b	3567
12	2-CKV-85-765a	3568	28	2-VTV-85-755	3569 (PNL MNT)
13	2-CKV-85-765b	3567	29	2-SHV-3-854	3550 (PNL MNT)
14	2-VTV-85-765	3569 (PNL MNT)	30	2-DRIV-85-765B	3143 (PNL MNT)
15	2-SHV-3-856	3550 (PNL MNT)	31	2-ISIV-85-755e	3569 (PNL MNT)
16	2-ISIV -85-755e	3571 (PNL MNT)	32	2-ISIV-85-765e	3569 (PNL MNT)

TABLE 1
PNL 25-6A

SCHEMATIC PIPING DIAGRAM

REFERENCE DRAWINGS:
2-47E2600-302A----------PANELS 25-6A,6B,6C AND 6D ISOMETRIC DRAWING
2-47E2600-330----------RYLIS BACKFILL ISOMETRIC DRAWING
2-47B600-57----------FRONT PANEL LAYOUT & LOCATION
47BM600-26 & 47BM600-29----------BILL OF MATERIAL
47B600-302----------PANEL 25-6C & 6D ARRGT.
2-47B600-135----------PANEL 25-6-1 ARRGT.
47BM600-32----------BILL OF MATERIAL
47BM600-67----------BILL OF MATERIAL
47BM600-102----------BILL OF MATERIAL
2-47B2650-115----------ISOMETRIC INSTALLATION DRAWING
47BM600-130, 151----------BILL OF MATERIAL

GENERAL CONSTRUCTION SPECIFICATIONS
G-14-----PAINT AND COATINGS
G-27-----QUALITY CONTROL FOR CONSTRUCTION OF PIPING SYSTEMS
G-28-----CONSTRUCTION OF PIPING SYSTEM
G-29M----PROCESS SPECIFICATIONS FOR WELDING
G-32-----BOLT ANCHORS SET IN HARDENED CONCRETE
G-50-----TORQUE AND LIMIT SWITCH SETTINGS FOR MOTOR-OPERATED VALVES
G-53-----BOLTING MATERIAL, (TORQUE)
N1E-003--INSTRUMENT AND INSTRUMENT LINE INSTALLATION AND INSPECTION.

FOR ASME SECTION XI USE ONLY

- -ASME CODE CLASS 1 EQUIVALENT
- -NON NUCLEAR CODE CLASS

COMPANION DRAWINGS:
1-47E600-57A
3-47E600-57A

SCHEMATIC PIPING DIAGRAM FOR UNIT 2 PANEL PREVIOUSLY SHOWN ON 47B600-57A

ISI DRAWING WAS ISSUED FOR BASELINE DWG: 2-47E2600-57A REV: 003

ISSUED BY: N/A

REV NO.	CHANGE REF	DATE	DFTR	CHKR	DSGN	RVWR	APPD	APPD	APPD	ISSD
002	DCN #25841		VEM		N/A		N/A	N/A	N/A	
	REVISED PANEL CONFIGURATION, RENUMBERED NOTES, ADDED NOTE 11 AND DELETED NOTE 3 AND SECTION A57A-A57A TO MEET THE INTENT OF DCA #25841-063-003, DCN F39529, F38424, F39631, DCN #25841; DOCUMENTED DCA #25841-064-000, DCN #25841									

SCALE: NONE — EXCEPT AS NOTED

POWERHOUSE UNIT 2 — SYSTEM NO. -

ASME SECTION XI
RCS INSTRUMENTATION
CODE CLASS BOUNDARIES

S — BROWNS FERRY NUCLEAR PLANT — TENNESSEE VALLEY AUTHORITY — Q

DESIGN		INITIAL ISSUE	ENGINEERING APPROVAL
DRAFTER CASI	CHECKER CE		1 EDB
DESIGNER N/A	REVIEWER N/A		2 GLB
			3 N/A

DATE 11-17-87 | 67 | M | 2-47E2600-57A-ISI | R002

THIS DRAWING IS UNDER CONFIGURATION CONTROL — CCD

D-36

CADAM