



TYPICAL RTD MANIFOLD (LOOP 1)

SEE NOTE 7

INSTRUMENT	LOOP 1	LOOP 2	LOOP 3
COLD LEG MANIFOLD			
1 TEMPERATURE ELEMENT	1-TE 411C	1-TE 421C	1-TE 431C
2 TEMPERATURE ELEMENT	1-TE 412C	1-TE 422C	1-TE 432C
3 TEMPERATURE ELEMENT	1-TE 412D	1-TE 422D	1-TE 432D
HOT LEG MANIFOLD			
1 TEMPERATURE ELEMENT	1-TE 412B	1-TE 422B	1-TE 432B
2 TEMPERATURE ELEMENT	1-TE 411B	1-TE 421B	1-TE 431B
3 TEMPERATURE ELEMENT	1-TE 411D	1-TE 421D	1-TE 431D
BYPASS RETURN LINE			
FLOW INDICATOR	1-FI 490	1-FI 491	1-FI 492
FLOW ELEMENT	1-FE 490	1-FE 491	1-FE 492
FLOW INDICATOR & ALARM	1-FIA 490	1-FIA 491	1-FIA 492

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- THRUST BEARING
LOWER SHOE
- THRUST BEARING
UPPER SHOE
- UPPER OIL RESERVOIR
FOR UPPER RADIAL
& THRUST BEARING
- LOWER OIL RESERVOIR
- OIL LIFT PUMP PRESSURE
- DISCHARGE
- STATOR WINDING
- UPPER RADIAL BEARING
- LOWER RADIAL BEARING
- VIBRATION TRANSMITTERS
(SEE NOTE 11)
- REACTOR COOLANT PUMP 1
INSTRUMENTATION
(TYPICAL)

INSTRUMENT	PUMP 1		PUMP 2		PUMP 3	
OIL LIFT PUMP PRESSURE	1- PC	417	1- PC	427	1- PC	437
LOWER OIL RESERVOIR	1- LC	419	1- LC	429	1- LC	439
UPPER OIL RESERVOIR FOR UPPER RADIAL & THRUST BEARINGS	LC	417	LC	427	1- LC	437
THRUST BEARING UPPER SHOE	1- TE	417A	1- TE	427A	1- TE	437A
THRUST BEARING LOWER SHOE	1- TE	417B	1- TE	427B	1- TE	437B
STATOR WINDINGS	1- TE	418B	1- TE	428B	1- TE	438B
UPPER RADIAL BEARING	1- TE	418A	1- TE	428A	1- TE	438A
LOWER RADIAL BEARING	1- TE	419	1- TE	429	1- TE	439
VIBRATION TRANSMITTER	1- YT	419 A	1- YT	429 A	1- YT	439 A
VIBRATION TRANSMITTER	1- YT	419 B	1- YT	429 B	1- YT	439 B

NOTE 13

NOTE 12