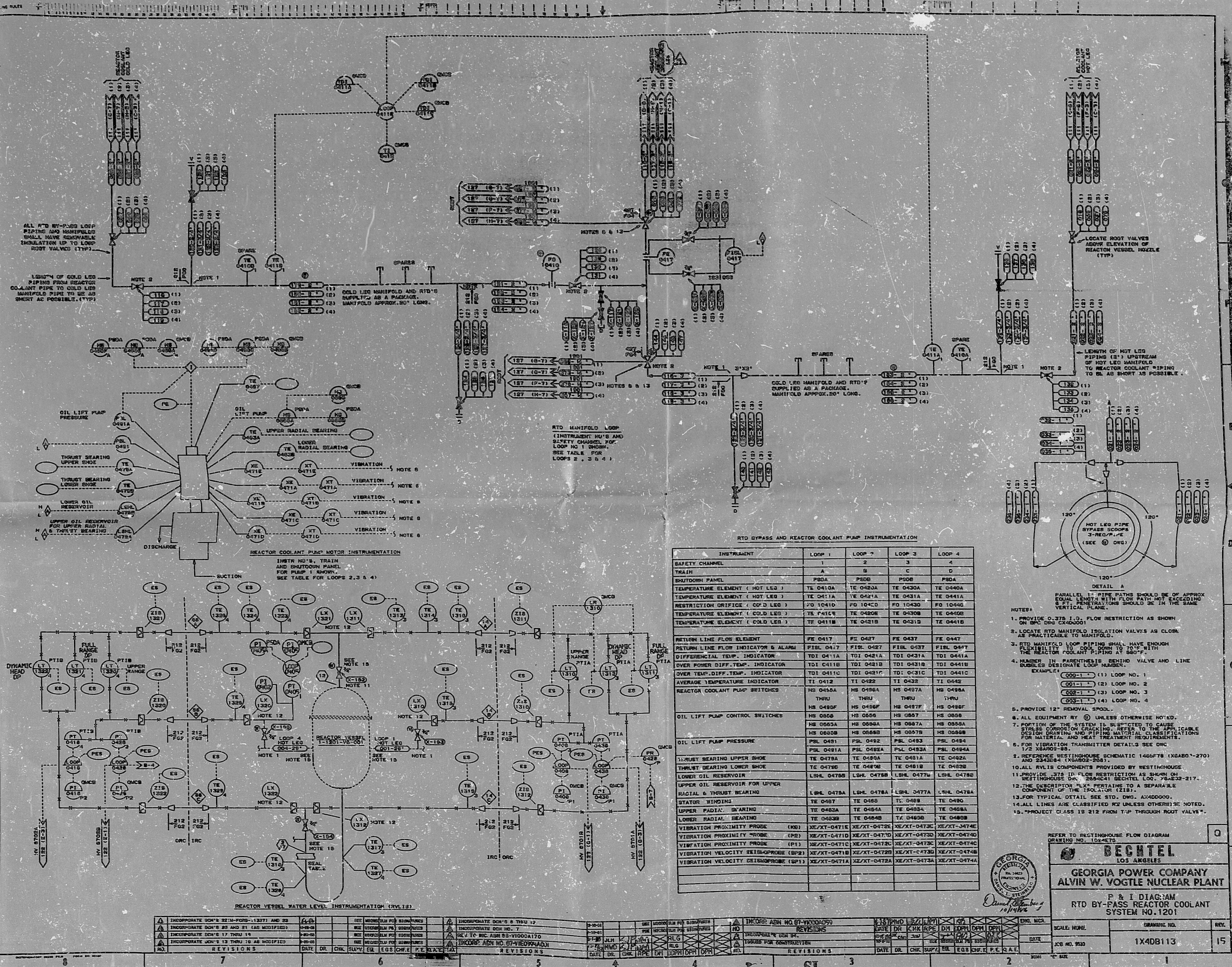




INSTRUMENT	LOOP 1	LOOP 2	LOOP 3	LOOP 4
SAFETY CHANNEL	1	2	3	4
TRAIN	A	B	C	D
SHUTDOWN PANEL	PSDA	PSDB	PSDC	PSDD
TEMPERATURE ELEMENT (HOT LEG)	TE 0410A	TE 0420A	TE 0430A	TE 0440A
TEMPERATURE ELEMENT (HOT LEG)	TE 0411A	TE 0421A	TE 0431A	TE 0441A
RESTRICTION ORIFICE (COLD LEG)	FO 10410	FO 10420	FO 10430	FO 10440
TEMPERATURE ELEMENT (COLD LEG)	TE 0410B	TE 0420B	TE 0430B	TE 0440B
TEMPERATURE ELEMENT (COLD LEG)	TE 0411B	TE 0421B	TE 0431B	TE 0441B
RETURN LINE FLOW ELEMENT	FE 0417	FE 0427	FE 0437	FE 0447
RETURN LINE FLOW INDICATOR & ALARM	FIL 0417	FIL 0427	FIL 0437	FIL 0447
DIFFERENTIAL TEMP. INDICATOR	TDI 0411A	TDI 0421A	TDI 0431A	TDI 0441A
OVER POWER DIFF. TEMP. INDICATOR	TDI 0411B	TDI 0421B	TDI 0431B	TDI 0441B
OVER TEMP. DIFF. TEMP. INDICATOR	TDI 0411C	TDI 0421C	TDI 0431C	TDI 0441C
AVERAGE TEMPERATURE INDICATOR	TI 0412	TI 0422	TI 0432	TI 0442
REACTOR COOLANT PUMP SWITCHES	HS 0450A	HS 0450B	HS 0450C	HS 0450D
OIL LIFT PUMP CONTROL SWITCHES	HS 0450F	HS 0450G	HS 0450H	HS 0450I
OIL LIFT PUMP PRESSURE	PSL 0481A	PSL 0482A	PSL 0483A	PSL 0484A
THURST BEARING UPPER SHOE	TE 0478A	TE 0478B	TE 0478C	TE 0478D
THURST BEARING LOWER SHOE	TE 0479A	TE 0479B	TE 0479C	TE 0479D
UPPER OIL RESERVOIR FOR UPPER RADIAL BEARING	LRL 0478A	LRL 0478B	LRL 0478C	LRL 0478D
UPPER RADIAL BEARING	TE 0487	TE 0488	TE 0489	TE 0490
LOWER RADIAL BEARING	TE 0492A	TE 0492B	TE 0492C	TE 0492D
VIBRATION PROXIMITY PROBE (NO)	VE/XT-0471E	VE/XT-0472E	VE/XT-0473E	VE/XT-0474E
VIBRATION PROXIMITY PROBE (PB)	VE/XT-0471D	VE/XT-0472D	VE/XT-0473D	VE/XT-0474D
VIBRATION PROXIMITY PROBE (PI)	VE/XT-0471C	VE/XT-0472C	VE/XT-0473C	VE/XT-0474C
VIBRATION VELOCITY PROBE (SP)	VE/XT-0471B	VE/XT-0472B	VE/XT-0473B	VE/XT-0474B
VIBRATION VELOCITY PROBE (SP)	VE/XT-0471A	VE/XT-0472A	VE/XT-0473A	VE/XT-0474A

REFER TO WESTINGHOUSE FLOW DIAGRAM
DRAWING NO. 104-475

BECHTEL
LOS ANGELES

GEORGIA POWER COMPANY
ALVIN W. VOGTLE NUCLEAR PLANT

P & I DIAGRAM
RTD BY-PASS REACTOR COOLANT
SYSTEM NO. 1201

SCALE: NONE

DRAWING NO. 1X4DB113

REV. 15

SI
APERTURE
CARD

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PDR

9202210330

