

17"

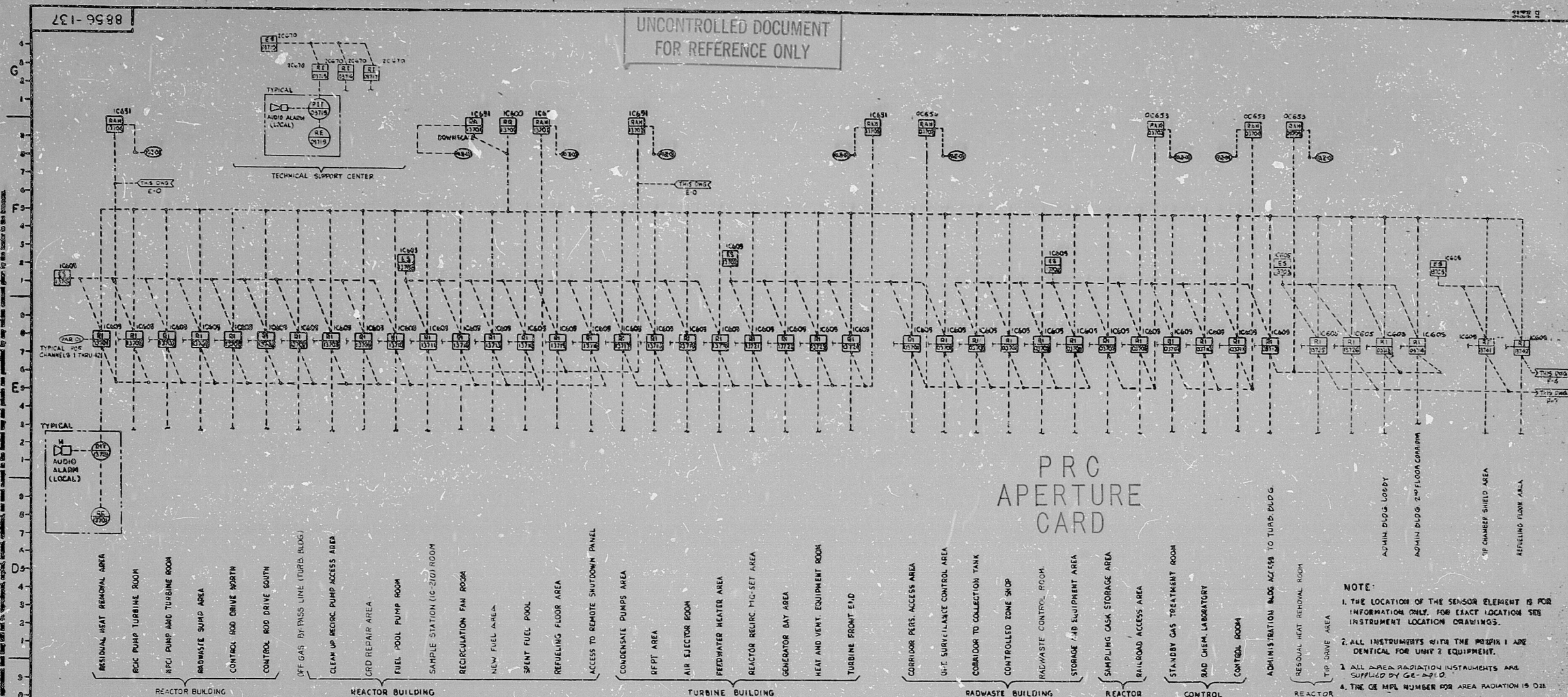
8.5"

8.5"

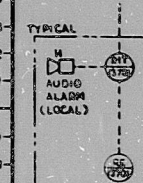
11"

17"

UNCONTROLLED DOCUMENT FOR REFERENCE ONLY



PRC APERTURE CARD



CHANNEL DESIGNATION	INST IDENT NO	SERVICE	BLDG	LOC	ELEV	SENSITIVITY
CHAN 1	RE-13704	RESIDUAL HEAT REMOVAL AREA	RE	T/22	645'	M
CHAN 2	RE-13702	RCC PUMP TURBINE ROOM	RE	T/21	645'	H
CHAN 3	RE-13703	RFCI PUMP AND TURBINE ROOM	RE	S/21	645'	H
CHAN 4	RE-13706	RADWASTE SUMP AREA	RE	R/26	645'	H
CHAN 5	RE-13705	CONTROL ROD DRIVE NORTH	RE	R/21	719'	M
CHAN 6	RE-13706	CONTROL ROD DRIVE SOUTH	RE	R/29	719'	M
CHAN 7	RE-13707	OFF-GAS BY-PASS LINE (TURB. BLDG)	TB	S/25	656'	M
CHAN 8	RE-13708	CLEAN UP RECIRC. PUMP ACCESS AREA	RE	R/21	749'	M
CHAN 9	RE-13709	CRD REPAIR AREA	RE	J/27	719'	M
CHAN 10	RE-13710	FUEL POOL PUMP ROOM	RE	R/27	749'	M
CHAN 11	RE-13711	SAMPLE STATION ROOM	RE	R/26	779'	H
CHAN 12	RE-13712	RECIRCULATION FAN ROOM	RE	U/29	799'	H
CHAN 13	RE-13713	NEW FUEL AREA	RE	R/26	799'	H
CHAN 14	RE-13714	SPENT FUEL POOL	RE	S/27	815'	M
CHAN 15	RE-13715	REFUELING FLOOR AREA	RE	R/22	818'	H
CHAN 16	RE-13716	ACCESS TO REMOTE SHUTDOWN PANEL	RE	R/21	870'	H
CHAN 17	RE-13717	CONDENSATE PUMPS AREA	TB	J/26	696'	M
CHAN 18	RE-13718	RFPF AREA	TB	U/21	676'	M
CHAN 19	RE-13719	AIR EJECTOR ROOM	TB	N/25	692'	M
CHAN 20	RE-13720	FEEDWATER HEATER AREA	TB	N/21	699'	M
CHAN 21	RE-13721	REACTOR RECIRC. MC-SET AREA	TB	M/20	729'	M
CHAN 22	RE-13722	GENERATOR BAY AREA	TB	J/26	729'	M
CHAN 23	RE-13723	HEAT AND VENT. EQUIPMENT ROOM	TB	L/23	762'	M
CHAN 24	RE-13724	TURBINE FRONT END	TB	K/15	720'	M

THIS IS THE APPROXIMATE LOCATION FOR FINAL LOCATION USE SPECIFIC INSTRUMENT LOCATION DRAWINGS

SENSOR SENSITIVITY RANGES	
H	HIGH SENSITIVITY .01 TO 100 MPPH
M	MEDIUM SENSITIVITY .01 TO 1000 MPPH
L	LOW SENSITIVITY 1 TO 10000 MPPH
LL	VERY LOW SENSITIVITY 100 TO 1000000 MPPH

METEOROLOGICAL TOWER INSTRUMENTS

SENSOR	SIGNAL COND.	TELEMETRY TRANSMITTER	SERVICE DESCRIPTION	TELEMETRY RECEIVER	CONVERTER	PANEL	RECORDER	PANEL
XSE-0350	XST-0310	XTT-0310	WIND SPEED / 60 M	XTR-0310	XV-0310	OC693	XR-0310	OC693
XSR-0332	XST-0310	XTT-0310	WIND DIRECTION / 60 M	XTR-0310	XV-0310	OC693	XR-0310	OC693
XSE-03703	XST-0310	XTT-0310	WIND SPEED / 10 M	XTR-0310	XV-0310	OC693	XR-0310	OC693
XSE-03704	XST-0310	XTT-0310	WIND DIRECTION / 10 M	XTR-0310	XV-0310	OC693	XR-0310	OC693
XSE-03705	XST-0310	XTT-0310	AIR TEMP / 10 M	XTR-0310	XV-0310	OC693	XR-0310	OC693
XSE-03706	XST-0310	XTT-0310	DEWPOINT / 10 M	XTR-0310	XV-0310	OC693	XR-0310	OC693
NOTE 1 VOT-03101 XTT-03101 Δ TEMP A / 10-60 M XTR-03101 XV-03101 OC693 XR-03101 OC693								
NOTE 2 VOT-03102 XTT-03102 Δ TEMP B / 10-60 M XTR-03102 XV-03102 OC693 XR-03102 OC693								
NOTE 3 XSE-03702 XST-0310 XTT-0310 SIGMA / 60 M XTR-0310 XV-0310 OC693 XR-0310 OC693								
NOTE 4 XSE-03704 XST-0310 XTT-0310 SIGMA / 10 M XTR-0310 XV-0310 OC693 XR-0310 OC693								
NOTE 5 XSE-03701 XST-0310 XTT-0310 RAIN FALL (G/L) XTR-0310 XV-0310 OC693 XR-0310 OC693								

NOTE 1 SENSORS FOR THIS SIGNAL ARE XSE-03703, XSE-03707

NOTE 2 SENSORS FOR THIS SIGNAL ARE XSE-03705, XSE-03704

NOTE 3 S.M. = METERS

CHAN 25	RE-13725	RESIDUAL HEAT REMOVAL AREA	RE	T/24	645'	M
CHAN 26	RE-13726	TIP DRIVE AREA	RE	Q/22	719'	M
CHAN 27	RE-03713	ADMINISTRATION BLDG. ACCESS (TB)	ADMIN BLDG	N/15	729'	M
CHAN 28	RE-03714	ADMINISTRATION BLDG. ACCESS (RM)	ADMIN BLDG	N/10	691'	H

COMMON PLANT CHANNELS

CHANNEL DESIGNATION	INST IDENT NO	SERVICE	BLDG	LOC	ELEV	SENSITIVITY
CHAN 29	RE-03701	CORR. PERFS. ACCESS AREA	RW	K/3	646'	M
CHAN 30	RE-03702	OPT. SURVEILLANCE CONTROL AREA	RM	G/8	646'	M
CHAN 31	RE-03703	CORRIDOR TO COLLECTION TANK	RM	J/12	646'	M
CHAN 32	RE-03704	CONTROLLED ZONE SHOP	RM	K/12	674'	M
CHAN 33	RE-03705	RADWASTE CONTROL ROOM	RM	J/8	678'	M
CHAN 34	RE-03706	STORAGE AND EQUIPMENT AREA	RM	G/4	676'	M
CHAN 35	RE-03707	SAMPLING CASK STORAGE AREA	RM	S/29	818'	M
CHAN 36	RE-03708	RAILROAD ACCESS AREA	RE	U/29	670'	M
CHAN 37	RE-03709	STANDBY GAS TREATMENT ROOM	CTR TWR	K/12	804'	M
CHAN 38	RE-03710	RAD CHEM. LABORATORY	CTR TWR	K/17	676'	M
CHAN 39	RE-03711	CONTROL ROOM	CTR TWR	U/29	728'	M
CHAN 40	RE-03712	ADMIN. BLDG. ACCESS (TIP DRIVE BAY)	T.B.	N/12	676'	M
CHAN 41	RE-03713	TIP CHAIN-DR. SHIELD AREA	RX	R/22	719'	M
CHAN 42	RE-03714	REFUELING FLOOR AREA	RX	R/26	818'	H
CHAN 43	RE-03715	OBSERVATION DECK	CTR TWR	L/30	741'	M
CHAN 44	RE-03716	DOCUMENT CONTROL AREA	CTR TWR	U/32	741'	M
CHAN 45	RE-03717	CONFERENCE ROOM	CTR TWR	M/26	741'	M

BACKUP METEOROLOGICAL TOWER INSTRUMENTS

SENSOR	SIGNAL COND.	TELEMETRY TRANSMITTER	SERVICE DESCRIPTION	TELEMETRY RECEIVER	CONVERTER	PANEL	RECORDER	PANEL
XSE-03730	XST-0310	XTT-0310	WIND SPEED	XTR-0310	XV-0310	OC693	XR-0310	OC693
XSE-03731	XST-0310	XTT-0310	WIND DIRECTION	XTR-0310	XV-0310	OC693	XR-0310	OC693
NOTE 1	XSE-03732	XST-0310	SIGMA / 10 M	XTR-0310	XV-0310	OC693	XR-0310	OC693

NOTE 2 SENSORS FOR THIS SIGNAL ARE XSE-03731, XSE-03732

NOTE:
 1. THE LOCATION OF THE SENSOR ELEMENT IS FOR INFORMATION ONLY. FOR EXACT LOCATION SEE INSTRUMENT LOCATION DRAWINGS.
 2. ALL INSTRUMENTS WITH THE POINT # ARE IDENTICAL FOR UNIT 2 EQUIPMENT.
 3. ALL AREA RADIATION INSTRUMENTS ARE SUPPLIED BY GE-APLO.
 4. THE GE MPPH NUMBER FOR AREA RADIATION IS 031.

INTAKE STRUCTURE AND ENVIRONMENTAL INSTRUMENTATION

SIGNAL FROM	SERVICE DESCRIPTION	TELEMETRY TRANSMITTER	RECEIVER	PANEL	COMPUTER POINT
XIT-02805A	PUMP OPERATOR MOTOR CURRENT	XIT-02805A	XIR-02805	OC671	WAI-10
XIT-02805B	PUMP OPERATOR MOTOR CURRENT	XIT-02805B	XIR-02805	OC671	WAI-20
XIT-02805C	PUMP OPERATOR MOTOR CURRENT	XIT-02805C	XIR-02805	OC671	WAI-30
XIT-02805D	PUMP OPERATOR MOTOR CURRENT	XIT-02805D	XIR-02805	OC671	WAI-40
XIT-02806	DISCHARGE TEMP	XIT-02806	XIR-02806	OC671	VOT-01
XIT-02807	MILLER PUMP CHANGE & LEVEL	XIT-02807	XIR-02807	OC671	VIL-02
XIT-02808	RIVER TEMPERATURE	XIT-02808	XIR-02808	OC671	VIL-01
XIT-02809	WATER LEVEL	XIT-02809	XIR-02809	OC671	VIL-01
XIT-02810	WATER LEVEL	XIT-02810	XIR-02810	OC671	VIL-02

TURBINE BUILDING BAROMETRIC PRESSURE

PRESSURE TRANSMITTER	COMPUTER CABINET	COMPUTER POINT
PT13101	12G16	TAP 14

REVISION	DESCRIPTION	DATE	BY	CHKD
1	REVISED PER CHANGE LIST AND	11/10/73	...	...
2	REVISED PER CHANGE LIST AND	11/10/73	...	...
3	REVISED PER CHANGE LIST AND	11/10/73	...	...
4	REVISED PER CHANGE LIST AND	11/10/73	...	...
5	REVISED PER CHANGE LIST AND	11/10/73	...	...
6	REVISED PER CHANGE LIST AND	11/10/73	...	...
7	REVISED PER CHANGE LIST AND	11/10/73	...	...
8	REVISED PER CHANGE LIST AND	11/10/73	...	...
9	REVISED PER CHANGE LIST AND	11/10/73	...	...
10	REVISED PER CHANGE LIST AND	11/10/73	...	...

FORNIA POWER & LIGHT COMPANY

ALBANY, PENNSYLVANIA

DESIGNER: ...

REVISION: ...

AREA RADIATION MONITORING AND METEOROLOGICAL INSTRUMENTS

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E-106242

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