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SUBJECT: Forwards index of figures, diagrams, conduit cable lists & sketches, per util request.

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	LIC BR #3 LA	1	0	NERSES, V. 04	1	1
INTERNAL:	ACCID EVAL BR26	1	1	AUX SYS BR 07	1	1
	CHEM ENG BR 08	1	1	CONT SYS BR 09	1	1
	CORE PERF BR 10	1	1	EFF TR SYS BR12	1	1
	EMERG PREP 22	1	0	EQUIP QUAL BR13	3	3
	GEOSCIENCES 14	1	1	HUM FACT ENG BR	1	1
	HYD/GEO BR 15	2	2	I&C SYS BR 16	1	1
	I&E 06	3	3	LIC GUID BR	1	1
	LIC QUAL BR	1	1	MATL ENG. BR 17	1	1
	MECH ENG BR. 18	1	1	MPA	1	0
	NRC PDR 02	1	1	OELD	1	0
	OP LIC BR	1	1	POWER SYS BR 19	1	1
	PROC/TST REV 20	1	1	QA BR 21	1	1
	RAD ASSESS BR22	1	1	REAC SYS BR 23	1	1
	REG FILE 01	1	1	SIT ANAL BR 24	1	1
	STRUCT ENG BR25	1	1			
EXTERNAL:	ACRS 27	16	16	LPDR 03	1	1
	NSIC 05	1	1			

MAY 05 1981

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April 29, 1981
SL-2-81-345

Mr Victor Nerses
United States Nuclear Regulatory Commission
7920 Norfolk Avenue
Bethesda, Maryland 20014

Dear Mr Nerses:

Re: FLORIDA POWER & LIGHT COMPANY
ST LUCIE UNIT 2 - DOCKET 50-389
TRANSMITTAL OF FIGURES



Per the request of Mr John E Sheetz (FPL), we are supplying you with the figures listed in the attachment.

If you should have any questions on this package, please contact John Sheetz at (305) 552-3458.

Very truly yours,

L Tsakiris

L Tsakiris
Project Manager

LT:RW:dr
Attachment

- cc: W H Rogers, Jr
- W B Derrickson
- C S Kent
- E W Dotson
- B J Escue (2)
- C M Wethy
- M S Altman
- K N Harris
- G E Crowell
- G Boissy
- N T Weems
- L Tsakiris
- R C Lehrer
- H F Taylor
- K N Flanagan
- E Z Zuchman (w/att) *ELZ*
- G Krauss
- C B Mobus

Boo 5/11

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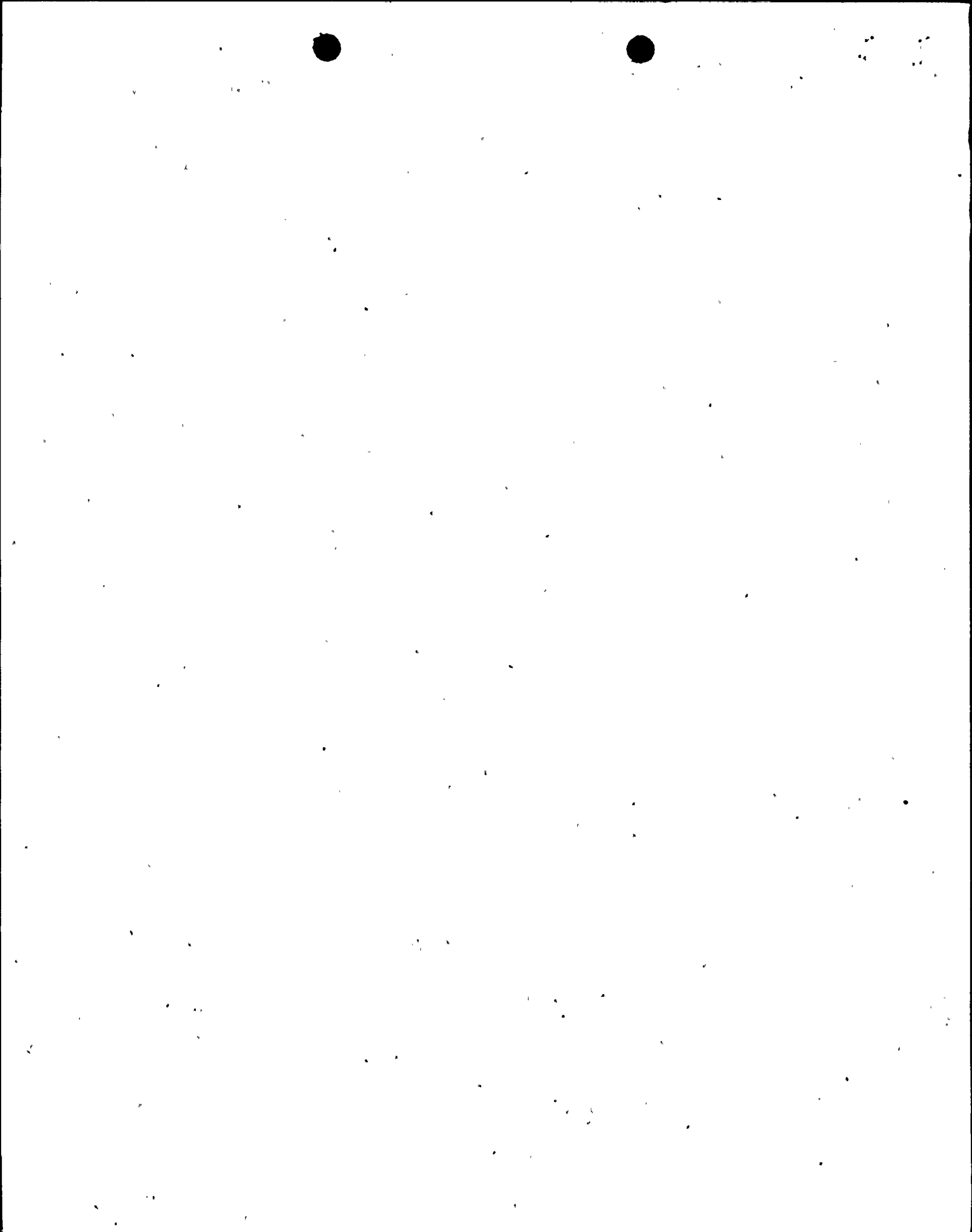
April 29, 1981

ATTACHMENT
INDEX OF FIGURES, DIAGRAMS, CONDUIT
CABLE LISTS AND SKETCHES SUPPLIED IN
THIS TRANSMITTAL



SCHEMATIC DIAGRAMS

<u>DRAWING NO.</u>	<u>SH.#</u>	<u>REV</u>	<u>DATE</u>	<u>TITLE</u>
B 326				
103S		R1	12/5/80	OIL LIFT PUMPS FOR REACTOR COOLANT PUMP P-2A1 (2B1, 2A2 2B2-TYP.)
139S		R2(0)	4/27/81	PRESSURIZER LEVEL CH-L-1110
159		R0	8/28/80	VALVES V-2505, V2510, V2511 & V-2524
163S		R2(0)	4/27/81	VALVES FCV-2210X, FCV-2210Y & V-2512
174S		R1	12/5/80	BORIC ACID MAKE-UP PUMP 2A
175S		R1	12/5/80	BORIC ACID MAKE-UP PUMP 2B
177S		R1	12/5/80	CHARGING PUMP 2A
178S		R1	12/5/80	CHARGING PUMP 2B
179S		R1	12/5/80	CHARGING PUMP 2C
187S		R1	12/5/80	CHARGING PUMPS SEAL LUBRICATION SYSTEM VALVES V-2627, V-2628, V-2629
201S		R1	12/5/80	COMPONENT COOLING WATER PUMP 2A
203S		R1	12/5/80	COMPONENT COOLING WATER SUCTION HDR VALVE MV-14-3 (MV-14-1, 14-2 & 14-4-TYP.)
205S		R1	12/5/80	COMPONENT COOLING WATER PUMP 2B
209S		R1	12/5/80	COMPONENT COOLING WATER PUMP 2C
237S		R1	12/5/80	HP SAFETY INJECTION PUMP 2A
238S		R1	12/5/80	HP SAFETY INJECTION PUMP 2B
249S		R1	12/5/80	SHUTDOWN COOLING ISOLATION VALVE V-3480 (V-3481, V-3651, V-3652-TYP.)
251S		R1	12/11/80	LP SAFETY INJECTION PUMP 2A
252S		R1	12/11/80	LP SAFETY INJECTION PUMP 2B



SCHEMATIC DIAGRAMS (Cont'd)

<u>DRAWING NO.</u>	<u>SH#</u>	<u>REV</u>	<u>DATE</u>	<u>TITLE</u>
B 326				
257S		R1	12/5/80	LP SAFETY INJECTION FLOW CONT VALVES (HCV-3615, 3626, 3637, 3625, 3616, 3617, 3635, 3636, 3637, 3645, 3646, 3647-TYP.)
269S		R1	12/11/80	SAFETY INJECTION TANK 2A1 ISOL VALVE V-3624 (3614, 3634, 3644-TYP.)
285S		R1	12/11/80	CONTAINMENT FAN COOLER 2-HVS-1A (-1B,-1C,-1D-TYP.)
287S		R1	12/5/80	CONTAINMENT SPRAY PUMP 2A
289S		R1	12/5/80	CONTAINMENT SPRAY VALVES FCV-07-1A & FCV-07-1B
290S		R1	12/5/80	CONTAINMENT SPRAY PUMP 2B
297S		R0	11/15/78	REFUELING WATER TANK VALVE MV-07-1A (07-1B-TYP.)
299S		R1	12/5/80	REACTOR SUMP VALVE MV-07-2A (07-2B-TYP)
311S		R1	12/5/80	MAIN STEAM ISOLATION BYPASS VALVE MV-08-1A (08-113-TYP)
312S		R2(0)	4/24/81	MAIN STEAM ISOL VALVE HCV-08-1A OPENING, CLOSING & SOL TEST
315S		R1	12/11/80	MAIN STEAM ISOL VALVE HCV-08-1B OPENING, CLOSING & SOL TEST
411S		R1	12/5/80	REACTOR TRIP BKR. TCB-1
482S		R0	8/28/80	REACTOR CONTAINMENT & SHLD BLDG DIFF PRESS
490S		R1	12/5/80	CONTROL ROOM EMERG FILTRATION FAN 2HVE-13A (13B-TYP)
492S		R1	12/11/80	CONTROL ROOM AIR COND UNIT 2-HVA/ACC-3A(-3B,-3C TYP) SH 1

SCHEMATIC DIAGRAMS (Cont'd)

<u>DRAWING NO.</u>	<u>SH.#</u>	<u>REV</u>	<u>DATE</u>	<u>TITLE</u>
B 326	493S	R1	12/11/80	CONTROL ROOM AIR COND UNIT 2-HVA/ACC-3A(-3B,-3C TYP) SH 2
	503S	R1	12/11/80	REACTOR AUX BLDG EMERG EXHAUST FAN 2HVE-9A (9B-TYP)
	505S	R1	11/12/80	REACTOR AUX BLDG SUPPLY FAN 2HVS-4A (4B-TYP)
	507S	R0	6/30/80	CEDM COOLING FAN 2HVE-21A
	508S	R0	6/30/80	CEDM COOLING FAN 2HVE-21B
	509S	R1	12/5/80	REACTOR CONTAINMENT PURGE EXHAUST FAN 2HVE-8A
	510S	R1	12/5/80	REACTOR CONTAINMENT PURGE EXHAUST FAN 2HVE-8B
	511S	R2(0)	4/24/81	REACTOR CONTAINMENT PURGE ISOLATION VALVES - SH. 1
	512S	R2(0)	4/24/81	REACTOR CONTAINMENT PURGE ISOLATION VALVES - SH. 2
	513S	R1	12/11/80	SHIELD BLDG VENT EXHAUST FAN 2HVE-6A
	516S	R1	12/11/80	SHIELD BLDG VENT EXHAUST FAN 2HVE-6B
	629S	R1	12/11/80	AUX FEEDWATER PUMP 2A
	630S	R1	12/5/80	AUX FEEDWATER PUMP 2B
	631S	R2(0)	4/24/81	AUX FEEDWATER PUMP 2C TURBINE AND STM VLV MV-08-3
	711	R1	12/5/80	EMERG TURBINE TRIP & TURBINE ALARMS



SCHEMATIC DIAGRAMS (Cont'd)

<u>DRAWING NO.</u>	<u>SH#</u>	<u>REV</u>	<u>DATE</u>	<u>TITLE</u>
B 326				
832S		R1	12/11/80	INTAKE COOLING WATER PUMP 2A
833S		R1	12/11/80	INTAKE COOLING WATER PUMP 2B
834S		R1	12/11/80	INTAKE COOLING WATER PUMP 2C
835S		R1	12/5/80	INTAKE COOLING WATER NON-EMERG HDR A ISOL VALVE MV-21-3 (MV-21-2-TYP)
934S		R1	12/11/80	4160V SWGR 2A2 FDR TO BUS 2A3 (2B2 FDR TO BUS 2B3-TYP)
936S		R1	12/11/80	4160V SWGR 2A3 INCOMING FEEDER FROM BUS 2A2 (2B3 FDR FROM BUS 2B2-TYP)
938S		R1	12/11/80	4160V SWGR 2A3 FDR TO BUS 2AB (2B3 FDR TO BUS 2AB-TYP)
940S		R1	12/11/80	4160V SWGR 2AB INCOMING FEEDER FROM BUS 2A3 (2AB FDR FROM BUS 2B3-TYP)
949S		R1	12/11/80	4160V SWGR 2A3 LOAD SHEDDING RELAYS
950S		R1	12/5/80	4160V SWGR 2B3 LOAD SHEDDING RELAYS
951S		R0	6/30/80	4160V SWGR 2AB LOAD SHEDDING RELAYS
953S		R1	12/5/80	DIESEL GENERATOR 2A BREAKER
956S		R1	12/11/80	DIESEL GENERATOR 2A LOCKOUT RELAY
957S		R1	12/11/80	DIESEL GENERATOR 2A START CKTS SH 1
959S		R1	12/5/80	DIESEL GENERATOR 2A START SOLENOIDS



<u>DRAWING NO.</u>	<u>SH#</u>	<u>REV</u>	<u>DATE</u>	<u>TITLE</u>
B 326				
963S	R1		12/5/80	DIESEL GENERATOR 2B BREAKER
966S	R1		12/11/80	DIESEL GENERATOR 2B LOCKOUT RELAY
967S	R1		12/11/80	DIESEL GENERATOR 2B START CKTS SH 1
969S	R1		12/5/80	DIESEL GENERATOR 2B START SOLENOIDS
1000S	R1		12/5/80	125V DC BUS TRANSFER CONTROL
1170S	R1		12/5/80	CONTROL ROOM NORTH OUTSIDE AIR INSUL VA FCV-25-M
1176S	R1		12/5/80	SHIELD BLDG VENT COOL AIR VA FCV-25-11 (FCV-25-12, TYP)
1501S	R1		12/5/80	SHUTDOWN COOLING ISOL, HEAT EXCH, WARM-UP & CONTROL VALVES (V-3545, 3664, 3665, 3456, 3457, 3517, 3658, 3536, 3539; HCV-3657, 2512, 3306, 3301)
1601S	R1		12/5/80	DIESEL GENERATOR 2A START CKTS SH 2
1602S	R2(0)		4/24/81	DIESEL GENERATOR 2A START CKTS SH 3
1603S	R1		12/5/80	DIESEL GENERATOR 2A START CKTS SH 4
1604S	R1		12/5/80	DIESEL GENERATOR 2A START CKTS SH 5
1605S	R1		12/5/80	DIESEL GENERATOR 2A START CKTS SH 6
1611S	R1		12/5/80	DIESEL GENERATOR 2B START CKTS SH 2
1612S	R2(0)		4/24/81	DIESEL GENERATOR 2B START CKTS SH 3
1613S	R1		12/5/80	DIESEL GENERATOR 2B START CKTS SH 4
1614S	R1		12/5/80	DIESEL GENERATOR 2B START CKTS SH 5
1615S	R1		12/5/80	DIESEL GENERATOR 2B START CKTS SH 6

SCHEMATIC DRAWINGS (Cont'd)

<u>DRAWING NO.</u>	<u>SH#</u>	<u>REV</u>	<u>DATE</u>	<u>TITLE</u>
G-227		0	6/23/80	Control & Block Diagram Steam Generator Feedwater & Condensate System
G-278		1	11/21/79	Control & Block Diagram Containment Spray & Recirculation System



FLOW DIAGRAMS, PIPING AND INSTRUMENTATION DIAGRAMS

<u>DRAWING NO</u>	<u>SHEET NO.</u>	<u>REV</u>	<u>DATE</u>	<u>TITLE</u>
E-13172-310-166		04	8/03/79	RADIOACTIVE WASTE CON- 2B P&ID
E-13172-310-167		05	8/07/80	RADIOACTIVE WASTE CON- CENTRATOR P&ID
E-13172-310-168	6	04	8/07/80	WASTE MANAGEMENT SYS P&I DIAGRAM SH 6
E-13172-310-109	1	03	8/07/80	REACTOR COOLANT SYS P&I DIAGRAM SH 1
E-13172-319-122	3	03	8/07/80	CHEMICAL & VOLUME CONTROL SYS P&I DIAGRAM SH 3

CONDUIT CABLE LISTING ← B-328

See book A-1 and A-7 of this attachment for the index of the cable and conduits supplied.

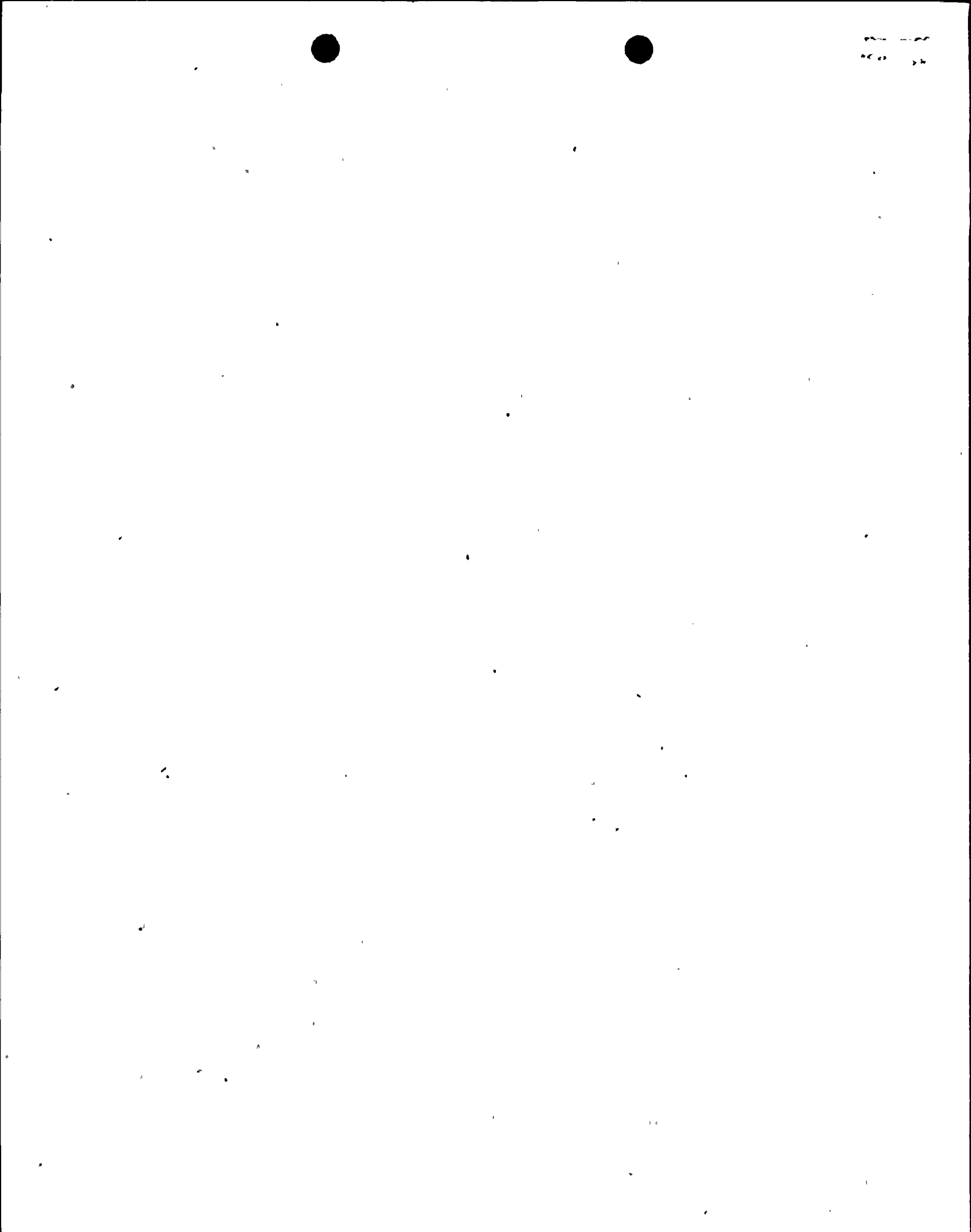
LAYOUT SKETCH OF THE CONTROL ROOM

SK-2998-G-076	01	4/23/81	Control Room
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FLOW DIAGRAMS, PIPING AND INSTRUMENTATION DIAGRAMS
SAFETY RELATED

③

<u>DRAWING NO</u>	<u>SHEET#</u>	<u>REV</u>	<u>DATE</u>	<u>TITLE</u>
G 079S01	1	R7	9/11/80	FLOW DIAG - MAIN, EXTRACTION & AUXILIARY STEAM SYSTEMS
G 079S02	1	R7	9/11/80	FLOW DIAG - MAIN EXTRACTION & AUXILIARY STEAM SYSTEMS
G 080S01	1	R6	9/29/80	FLOW DIAG - FDWTR, CONDENSATE & AIR EVACUATION SYSTEMS
G 080S02	2	R6	9/29/80	FLOW DIAG - FDWTR, CONDENSATE & AIR EVACUATION SYSTEMS
G 081S01	1	R6	10/1/80	FLOW DIAG - HEATER DRAIN & VENT SYSTEMS
G 081S02	2	R6	10/1/80	FLOW DIAG - HEATER DRAIN & VENT SYSTEMS
G 082		R6	8/22/80	FLOW DIAG - CRLG & INTAKE COOLING WATER SYSTEMS
G 083		R6	12/2/79	FLOW DIAG - COMPONENT COOLANT SYSTEM
G 084		R7	6/9/80	FLOW DIAG - FIRE, WATER, DOMESTIC AND MAKEUP SYSTEMS
G 085S01	1	R8	6/26/80	FLOW DIAG - SERVICE AND INSTRUMENT AIR SYSTEMS
G 085S02	2	R6	6/26/80	FLOW DIAGRAM - SERVICE AND INSTRUMENT AIR SYSTEMS
G 086		R6	1/18/80	FLOW DIAG - MISCELLANEOUS SYSTEMS SH-1
G 087		R7	6/9/80	FLOW DIAG - MISCELLANEOUS SYSTEMS SH-2
G 088		R6	6/9/80	FLOW DIAG - CONTAINMENT SPRAY & REFUELING WATER SYSTEMS
G 089		R6	6/26/80	FLOW DIAG - TURBINE COOLING WATER SYSTEM
G 090		R4	10/6/80	REACTOR COOLANT PRESSURE BOUNDARY DIAGRAM
G 091		R4	6/12/80	FLOW DIAG MISC SYSTEMS
G 092		R4	12/16/79	FLOW DIAG SAMPLING SYSTEMS
G 862		R4	11/6/78	HVAC - AIR FLOW DIAGRAM
G 863		R3	5/20/80	HVAC - REFRIGERANT PIPING



9

FLOW DIAGRAMS, PIPING AND INSTRUMENTATION DIAGRAMS, SAFETY RELATED

<u>DRAWING NO.</u>	<u>SH#</u>	<u>REV</u>	<u>DATE</u>	<u>TITLE</u>
E-13172-310-100		09	8/07/80	PIPING & INSTRUMENTATION DIAGRAM SYMBOLS
E-13172-310-110		09	8/07/80	REACTOR COOLANT SYSTEM P&I DIAGRAM
E-13172-310-111		09	8/07/80	REACTOR COOLANT PUMP P&I DIAGRAM
E-13172-310-120	1	09	8/07/80	CHEMICAL & VOLUME CONTROL SYSTEM P&I DIAG SH 1
E-13172-310-121	2	09	8/07/80	CHEMICAL & VOLUME CONTROL SYSTEM P&I DIAG SH 2
E-13172-310-130	1	09	8/07/80	SAFETY INJECTION SYS P&I DIAGRAM SH 1
E-13172-310-131	2	09	8/07/80	SAFETY INJECTION SYS P&I DIAGRAM SH 2
E-13172-310-140		09	8/07/80	FUEL POOL SYS P&I DIAGRAM
E-13172-310-150		09	8/07/80	SAMPLING SYSTEM P&I DIAGRAM
E-13172-310-160	1	09	8/07/80	WASTE MANAGEMENT SYS P&I DIAGRAM SH 1
E-13172-310-161	2	09	8/07/80	WASTE MANAGEMENT SYS P&I DIAGRAM SH 2
E-13172-310-162	3	09	8/07/80	WASTE MANAGEMENT SYS P&I DIAGRAM SH 3
E-13172-310-163	4	09	8/07/80	WASTE MANAGEMENT SYS P&I DIAGRAM SH 4
E-13172-310-164	5	08	8/07/80	WASTE MANAGEMENT SYS P&I DIAGRAM SH 5
E-13172-310-105		07	8/07/80	AUXILIARY PUMPS P&I DIAGRAM
E-13172-310-165		05	8/07/80	BORIC ACID CONCENTRATOR 2A P&ID

