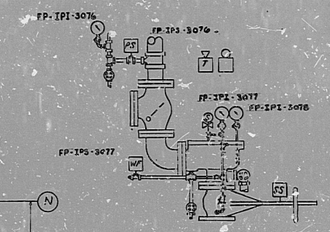
SYMBOLS & LEGENDS

FCP	= FIRE CONTROL PANEL
WP	= WATER FLOW PRESSURE SWITCH
VS	= VALVE SUPERVISORY SWITCH
AS	= LOW AIR PRESSURE SWITCH
	= SOLENOID VALVE
	= TROUBLE HORN
	= ALARM BELL
	= FENWAL MOD. 27121-223° HEAT DETECTOR
	= END OF LINE RESISTOR
	= JUNCTION BOX & LINE TYPE THERMISTER
	= CIRCUIT TERMINATOR
	= ACTUAL VALVE LOCATION
	= NO. OF WIRES, CONDUIT & NOMINAL RUN TO F.C.

GENERAL NOTES FOR VIKING'S ELECTRICAL SUBCONTRACTOR

1. VIKING'S ELECTRICAL SUBCONTRACTOR SHALL INSTALL ALL INTERCONNECTING CABLES AND CONDUIT IN EACH ZONE. CABLES AND CONDUIT INSTALLATION BETWEEN EACH ZONE AND THE MASTER REMOTE CONTROL PANEL (BY OTHERS) WILL BE BY OTHERS AND SUPERVISED BY OTHERS.
2. WIRING SHALL BE WITH HEAT, MOISTURE AND FLAME RESISTANT INSULATION AND, IF THE INSULATION ALONE IS NOT FLAME (FIRE) RESISTANT, OUTER COVERING SHALL BE USED (SIMILAR TO S15, AWA, AVB). INSULATION SUCH AS POLYVINYL CHLORIDE AND NEOPRENE SHALL NOT BE USED.
3. WIRING SHALL BE TERMINATED ON TERMINAL BOARDS OR EQUIPMENT USING COMPRESSION TYPE RING TONGUE CONNECTORS HAVING INSULATION GRIP SLEEVES. CONNECTORS SHALL BE AIRCRAFT-MARINE PRODUCTS PREINSULATED DIAMOND GRIP OR THOMAS AND BETTS SELF-INSULATED STA-KON WITH INSULATION GRIP. RING TYPE SPADE TERMINALS, BOX CLAMP OR SADDLE CLAMP TERMINALS ARE NOT ACCEPTABLE.
4. NO SOLDER OR "PUSH-ON" OR "QUICK" TYPE CONNECTORS SHALL BE USED IN CONNECTION WITH ANY WIRING, EXCEPT SOLDER TYPE WILL BE ACCEPTABLE FOR INDICATING LIGHTS AND RESISTORS, IF REQUIRED.
5. PROVISIONS SHALL BE MADE FOR CONVENIENTLY ESTABLISHING THE CONTINUITY OF ALL CONTROL CIRCUITS. (WIRE MARKERS ON BOTH ENDS OF A WIRE WITH DESIGNATIONS SHALL BE FURNISHED TO FACILITATE IDENTIFICATION.)
6. POWER SUPPLY WILL BE SUPPLIED BY OTHERS FROM PURCHASER'S 125 VDC UNGROUNDED** 2 WIRE SOURCE. THE SHORT CIRCUIT CAPABILITY IS 20,000 AMPERES AT THE CONTROL PANEL.

   ** 125 VDC NOMINAL, 105 VDC MINIMUM AND 140 VDC MAXIMUM.
7. CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY. EXACT LOCATION OF ALL EQUIPMENT TO BE DETERMINED IN THE FIELD.



ELEVATION FOR PREACTION & MULTICYCLE SYS.

NOTE

ELECTRICAL EQUIPMENT SHOWN SCHEMATICLY WITH REFERENCE TO SPRINKLER VALVES, APARTMENT TRIM & CONTROL VALVES. FOR SPECIFIC VALVE & CONTROL ARRANGEMENT SEE APPROPRIATE PIPING DWGS.

FOR INFORMATION ONLY

REFERENCE DRAWINGS

DWG NO. FP-0	COVER SHEET
DWG NO E21 SHT 2 OF 2	SYS. NO. FP-1125B
DWG NO. FP-37	SYS NO. FP-1125B
DWG NO. FP-40	SYS NO. FP-1125B
DWG NO. E22 SHTS 1 THRU 8	A888-1317 PANEL DWGS.

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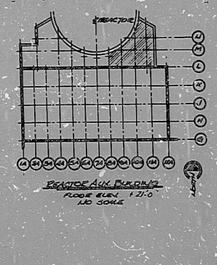

SI APERTURE CARD

1	4/10/82	REV. PER EBASCO'S LET 3110/82				
REV.	DATE	REVISIONS				

LOUISIANA POWER & LIGHT COMPANY
WATERFORD S.E.S. LOU-1564-124D
ST. CHARLES PARISH, LOUISIANA

APPROVAL	NAME	BY	DATE
OWNERS APPROVAL			
INSURANCE ACCEPTANCE			
BUILDING CODE APPROVAL			
DIRECT SPRINKLER SERVICE GRADE			
SURVEY BY	FIRE DEPT.		
3/31/82	2/17/82	E21 SHT 1 OF 2	

VIKING FIRE PROTECTION COMPANY
4591 NORTHWEST PARKWAY
WHEELING, ILL. 60090

TYPE OF OCCUPANCY & NAME OF OCCUPANT	TYPE SPRINKLERS	155°	212°	286°	FINISH	SPECIAL
REACTOR AUX. BLDG.	UPRIGHT 1/2"					
SWITCH GEAR AREA 'B' ELEV + 21'-0"	PENDENT 1/2"					
MULTI-CYCLE SYSTEM FP-M25B	FLUSH					
	SIDEWALL					
	DRY PENDENT					
	FLUSH PENDENT					
	L.O. UPRIGHT 17/32					
	L.O. PENDENT 17/32					
	TOTAL SPRINKLER THIS SHEET					
	TOTAL SPRINKLERS THIS JOB					

FIGURE IN BRACKETS ( ) DENOTES DISTANCE FROM CENTER LINE OF PIPE TO BOTTOM OF SLAB OR TOP OF STEEL

LIST NO.	PAINT MARK	LINE	
MAINS		NO. REQ.	
PCS.			

LEI	M/M	TT	A.I. & M.I.	ADDED 1/F&L UNID NO'S.	
REV	DATE	BY	DESCRIPTION		

DISCIPLINE COMMENTS DUE BY 5-6

DESIGN FOR INFO/COMM	REC.		DISCIPLINE	ENGINEERING FOR INFO/COMM	REC.	
	X	O	MECHANICAL		X	O
X			CIVIL/S.T.	X		
			ARCH			
	X	O	ELECTRICAL		X	O
			INSTRM.			
			CONTROLS			
			PLUMBING	X		
			HVAC			
			PIPELIB PIPING			
			H2O TREAT			
			REGRASTE			
			SHIELDING			
			MATERIALS			
			STRUC SUP'T & FOUNDATIONS	X		
			CONST			
			QAF			
			PQAF			
			SAFETY & HEALTH			
		(2)	FIRE DEPT		X	O

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ORIGINAL

EBASCO 25V 11/1/84

5817-6383 R1

LOUISIANA POWER & LIGHT COMPANY
WATERFORD SES UNIT NO. 3
1981-1985 NRC INSTALLATION

P.O. NN 403561 ITEM

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COMMENTS AS NOTED, PRINT TO VENDOR		
COMMENTS NOT APPLICABLE, PRINT TO VENDOR		X
NO COMMENTS, NO PRINT TO VENDOR		
FOR INFORMATION ONLY		
NO FURTHER REPRODUCIBLE SUBMITTAL		X
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DO NOT FILL IN THIS SPACE

REVIEWED SUBJECT TO REVISIONS NOTED

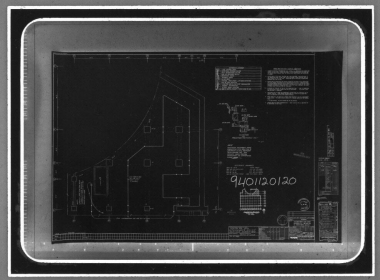
Engineer 7/8/82 M

EBASCO SERVICES INCORPORATED
2 RECTOR ST. NEW YORK, NY 10006

30x42 SV

PDR RIDS

9401120120



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