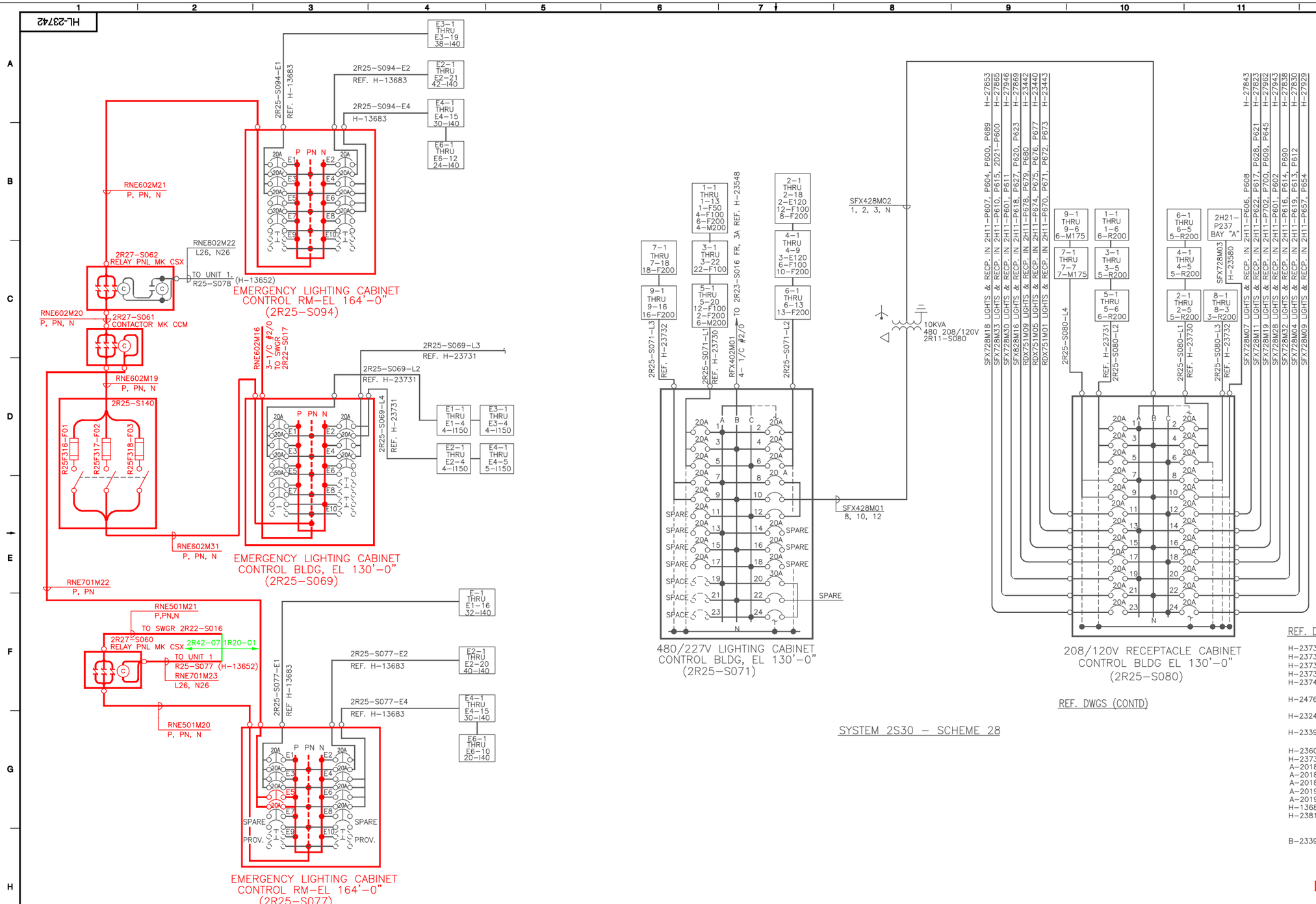
HL-23742



SPECIFICATIONS

2R25-S071

ENCLOSURE — WALL MOUNTED, BLACK CODE GAUGE SHEET STEEL. STANDARD CONSTRUCTION DUST RESISTING.

PANEL — DEAD FRONT, DISTRIBUTION TYPE FOR 480/277 V, 3ø, 4 WIRE AND 225 AMP MAINS WITH BURNDY HY-LUG TERMINALS FOR #2/0 AWG STRANDED COPPER CABLE, CIRCUIT BREAKERS TO BE RATED 20 AMPS UNLESS OTHERWISE SHOWN, CALIBRATED AT 40°C AND HAVE A MINIMUM INTERRUPTING CAPACITY OF 14,000 AMPS RMS, CARD HOLDERS TO BE PROVIDED FOR BREAKER IDENTIFICATION. WHERE PROVISION FOR FUTURE BREAKERS IS SHOWN, MANUFACTURER SHALL PROVIDE MOUNTING ASSEMBLY, STRAPS, ETC. SO THAT BREAKER CAN BE ADDED WITHOUT ADDITIONAL HARDWARE

2R25-S080

ENCLOSURE — SAME AS FOR PANEL 2R25-S071

PANEL — SAME AS FOR PANEL 2R25-S071, EXCEPT 208/120V, 3ø & 4 WIRE AND 100 AMP MAINS WITH BURNDY HY-LUG TERMINALS FOR #6 AWG STRANDED COPPER CABLE

2R25-S069

ENCLOSURE — WALL MOUNTED, BLACK CODE GAUGE SHEET STEEL. STANDARD CONSTRUCTION DUST RESISTING.

PANEL — DEAD FRONT, DISTRIBUTION TYPE FOR 250/125 V DC, 3 WIRE AND 100 AMP MAINS WITH BURNDY HY-LUG TERMINALS FOR #2/0 AWG STRANDED COPPER CABLE, CIRCUIT BREAKERS TO BE RATED 20 AMPS UNLESS OTHERWISE SHOWN, CALIBRATED AT 40° C AND HAVE A MINIMUM INTERRUPTING CAPACITY OF 14,000 AMPS. RMS CARD HOLDERS TO BE PROVIDED FOR BREAKER IDENTIFICATION. WHERE PROVISION FOR FUTURE BREAKER IS SHOWN, MANUFACTURER SHALL PROVIDE MOUNTING ASSEMBLY, STRAPS, ETC, SO THAT BREAKER CAN BE ADDED WITHOUT ADDITIONAL HARDWARE.

2R25-S077

ENCLOSURE — SAME AS FOR 2R25-S069

PANEL — SAME AS FOR 2R25-S069 EXCEPT IT HAS #2/0 AWG INSTEAD OF #1.

2R25-S094

ENCLOSURE — SAME AS FOR 2R25-S069 EXCEPT IT HAS #2/0 AWG INSTEAD OF #1.

PANEL — SAME AS FOR 2R25-S069

NOTES

1. 2R25-S069 POSITION 9 IS A SINGLE SPACE

SYSTEM 2S30 – SCHEME 28

REF. DWGS

H-23730	LIGHTING, CONTROL BLDG. EL 112'-0"
H-23731	LIGHTING, CONTROL BLDG. EL 130'-0"
H-23732	LIGHTING, CONTROL BLDG. EL 147'-0"
H-23738	RISER DIAGRAM
H-23741	LIGHTING WIRING DIAGRAMS SHEET NO.2 CABINETS 2R25-S075 / 2R25-S076
H-24769	10CFR50 APPENDIX R EMERGENCY LIGHTING CONTROL BUILDING EL. 130'-0" EAST
H-23240	CONDUIT PLAN – CONTROL BLDG EL 130' COL TA-T1 & T12-T14
H-23390	SHEET #1 SINGLE LINE DIA 125/250V DC STATION SERV. SYS. 2R42A
H-23607	WIRING DIA. 125/250 DC SWGR BUS-2B FR-2
H-23737	RISER DIA LTG & MISC PWR PNL. & TRANS.
A-20183	PANEL LOAD LIST FOR 2R25-S069
A-20184	PANEL LOAD LIST FOR 2R25-S071
A-20189	PANEL LOAD LIST FOR 2R25-S077
A-20190	PANEL LOAD LIST FOR 2R25-S080
A-20192	PANEL LOAD LIST FOR 2R25-S094
H-13683	LIGHTING-CONTROL ROOM EL 164' FLOOR PLAN
H-23810	125/250V DC. AND 480/277-120/200V AC DIST PANELS 2R25-S069, S071, S080 AND S094 SINGLE LINE DWG.
B-23390	125/250V STATION BATTERY SYS 2R42A BLOCK DIA.

REF. DWGS (CONTD)

LICENSE RENEWAL DOCUMENT

BOUNDARY DIAGRAM NO.:2R42-B01-03
FUNCTION(S) NO.: 2R42-07
PREPARED BY: MARK CRISLER
DATE: 4/16/98
REVIEWED BY: RENEE RITCHEY
DATE: 4/28/98

MPL. NO. 2R25 | ACAD14 | HL23742

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No. 2
LIGHTING – WIRING DIAGRAM
CONTROL BUILDING
CABINETS 2R25-S069, S071, S077, S080 & S094

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
TRM	LCF	10-502	HL-23742	A
DATE	SCALE: None			

BY	CHK'D	APPR
TRM	RBR	ASK

Revision: A | Date: 1-4-2000
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