



- NOTES:**
- FOR SYMBOL LIST SEE DWG 3070 AND 3032.
 - FOR MOTOR CONTROLS AND THEIR OPERATIONAL FUNCTION SEE RELATED ELEMENTARY DIAGRAMS.
 - ALL SWITCHES SHALL BE TWO (2) POLE UNLESS OTHERWISE INDICATED.
 - HPCI AND RCIC CONTROLS SHALL BE NORMALLY FED FROM SEPARATE BATTERIES.
 - ALL METERS, RELAYS AND ASSOCIATED DEVICES ARE LOCATED IN SWITCHGEAR UNLESS OTHERWISE INDICATED.
 - STARTER RACKS AS INDICATED, SHALL BE CONSTRUCTED TO PROVIDE SPACE FOR FUTURE ADDITION OF TWO (2) STARTERS.
 - ± 24 VDC SYSTEMS ARE GROUNDING AT ONE POINT ONLY AT GY BOARD 9-12 PER GE DWG 791E258 SH 1.
 - RAYCHEM SPLICE LOCATED IN TERMINAL BOX TB-C135 CONTROL BLDG MANHOLE P2.
 - TRIPPED AND LOCKED DURING NORMAL OPERATION.
 - RAYCHEM SPLICE LOCATED IN TERMINAL BOX TB-1220, REACTOR BUILDING SW QUAD 859'.

- FUSE LEGEND**
- B1 - BUSSMANN TYPE FRS FUSE
 - B2 - BUSSMANN TYPE FRN FUSE
 - B3 - BUSSMANN TYPE LPS FUSE
 - B4 - BUSSMANN TYPE LPN FUSE
 - B7 - BUSSMANN TYPE LPS-RK FUSE
 - B8 - BUSSMANN TYPE LPN-RK FUSE
 - G1 - GOULD TYPE TRS FUSE
 - G2 - GOULD TYPE AUT FUSE
 - J - BUSSMANN TYPE JMC FUSE
 - K3 - BUSSMANN TYPE KRP FUSE
 - M1 - MERSEN TYPE A6R-R FUSE

AS BUILT
454003939

STATUS: Release
STATUS DATE: 10/16/2022
DS APPROVED: JDWILSO
VER: AM REV: 70 SIZE: F

SIGNIFICANT NUMBER	1	2	3	4	5	6
	GROUP					

NO.	DESCRIPTION	ORDER	DFT	DATE	ENG
AM/288	DR-2016-0058 (REMOVE TOC 5100779)	5100779	DR	10/15/18	SCS
AM/791	DR-2022-0429 (REACTOR BLDG)	5463324	DR	10/10/22	SCS
AM/791	DR-2022-0429 (REMOVE TOC)	5463324	LS	10/10/22	SCS

COOPER NUCLEAR STATION
DC ONE LINE DIAGRAM

APPROVED: [Signature]
DATE: [Date]

BURNS & ROE

3058

FOR ONE LINE DIAGRAM OF PANELS SEE DWG 3059