

1217-EE-IQ-5

4160V BUS 2ENS\*SWGIOI (-G) STANDBY SWGR ROOM EL-261-0

PRC  
APERTURE  
CARD

FUTURE

ADDITIONAL SYMBOLS:  
 (2) INDICATES THAT OPERATION OF 2 OUT OF 3 RELAYS IS REQUIRED TO ENERGIZE RELAYS 62-1 & 62-2  
 (C) CONTROL SWITCH WITH RED AND GREEN INDICATING LIGHTS  
 (E) EMERGENCY CONTROL SWITCH  
 (P) DENOTES RELAY OPERATION WHEN POLARIZING QUANTITY IN DIRECTION OF ARROW.  
 (M) INDICATES 0-25A MOVEMENT

LOCATION SYMBOLS:  
 EGPA STANDBY GENERATOR PANEL A  
 EGPC STANDBY GENERATOR PANEL C  
 P601 REACTOR CORE COOLING CONTROL BOARD  
 P852 ELECTRICAL CONTROL PANEL  
 P405 REMOTE SHUTDOWN PANEL  
 P873 PRIMARY CONTAINMENT PURGE PANEL A  
 P875 PRIMARY CONTAINMENT PURGE PANEL B

GENERAL NOTES:  
 1. ALL EQUIPMENT LOCATED AT 4160V EMERGENCY SWITCHGEAR UNLESS OTHERWISE NOTED.  
 2. SAFETY RELATED COLOR CODING  
 (-G) INDICATES GREEN COLORED DIV I  
 (-Y) INDICATES YELLOW COLORED DIV II  
 (-P) INDICATES PURPLE COLORED DIV III

NOTES:  
 1. OPEN ON ACCIDENT.  
 2. CLOSED ON EXERCISE.  
 3. TRIP & LOCKOUT ACB 101-10, LO 101-13, LO AUTO CLOSE OF 101-1, ANN.  
 4. TRIP & LOCKOUT ACB 101-13, LO 101-10, LO AUTO CLOSE OF 101-1, ANN.

REFERENCES:  
 ONE LINE DIAGRAM SYMBOLS STD-ME-10-1 THRU 10-9  
 ONE LINE & ELEMENTARY DIAGRAMS STD-ME-11-1 THRU 11-4  
 DEVICE FUNCTION NO

SYSTEM CODES  
 EQPT IDENTIFICATION CODES CORP STD C1  
 CORP STD C3

NUCLEAR SAFETY RELATED  
 QA CAT I



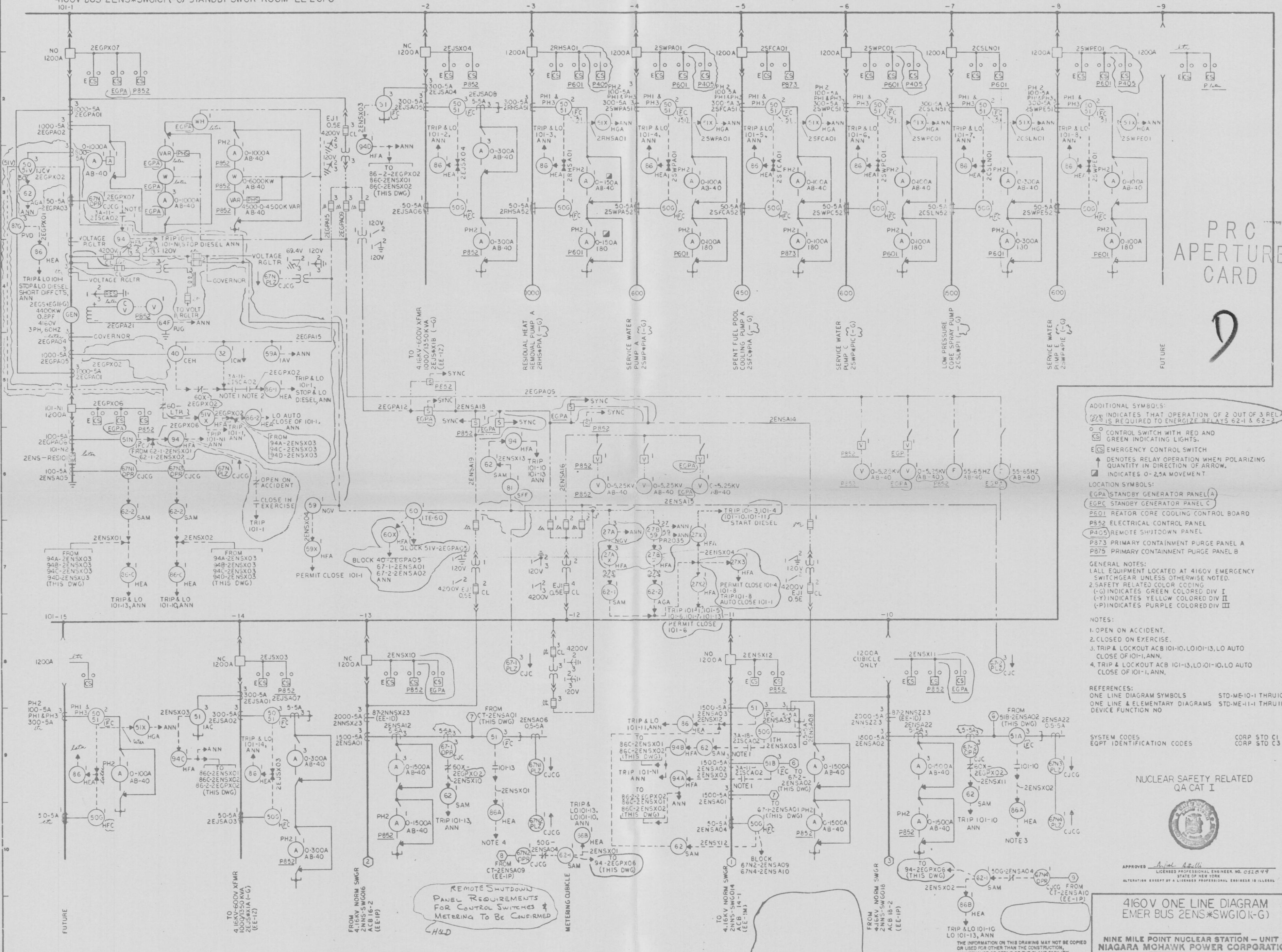
APPROVED: *James A. Gelli*  
 LICENSED PROFESSIONAL ENGINEER, NO. 051249  
 STATE OF NEW YORK  
 ALTERATION EXCEPT BY A LICENSED PROFESSIONAL ENGINEER IS ILLEGAL

4160V ONE LINE DIAGRAM  
 EMER BUS 2ENS\*SWGIOI (-G)

NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION  
 STONE & WEBSTER ENGINEERING CORPORATION  
 BOSTON, MASS.

DRAWING NUMBER 12177-EE-IQ-5

DESIGNED BY: M. HALLORNEY  
 CHECKED BY: C. TAYLOR



REMOTE SHUTDOWN  
 PANEL REQUIREMENTS  
 FOR CONTROL SWITCHES &  
 METERING TO BE CONFIRMED  
 H4D

NO.	DESCRIPTION	CHG	DATE	ISSUE	NO.	DESCRIPTION	CHG	DATE	ISSUE	NO.	DESCRIPTION	CHG	DATE	ISSUE	NO.	DESCRIPTION	CHG	DATE	ISSUE
1	ISSUED FOR DESIGN REVIEW				2	SEE RECORD OF DWG CHANGES BCE-1Q-5 PORCN-ENS-0002				3	SEE RECORD OF DRAWING CHANGES BCE-1Q-4				4	REDRAWN - ADDED FUTURE UNIT -15 & RENUMBERED CUBICLES			
5	ISSUED FOR DESIGN REVIEW				6	SEE RECORD OF DWG CHANGES BCE-1Q-4				7	ISSUED FOR DESIGN REVIEW				8	ISSUED FOR DESIGN REVIEW			
9	ISSUED FOR DESIGN REVIEW				10	ISSUED FOR DESIGN REVIEW				11	ISSUED FOR DESIGN REVIEW				12	ISSUED FOR DESIGN REVIEW			