

DRAWING NO.

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SS-208-006

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GEN. EXCITER FIELD BREAKER

AUX. TRANSF. 1A & 1B CONTROL INTERL. & INDICATION

TURB. LOW SPEED SW. & LIFTING PP. SUCT. PRESS SW. AUX. REL.

MAIN TURB. TRIP CIRCUITS

UNIT #1 GEN. DIFFERENTIAL, GROUND PROTECTION & VOLTS/HERTZ RELAY

UNIT #1 GEN. GROUND LOCKOUT RELAY 86GS

UNIT #1 GEN. P.T. VOLTAGE BALANCE RELAY 86GI

UNIT #1 DIFFERENTIAL LOCKOUT RELAY 186B

UNIT #1 GEN. NEG. SEQUENCE LOCKOUT RELAY 86NS

UNIT #1 GEN. FIELD FAILURE LOCKOUT RELAY 86FA

UNIT #1 MAIN TRANSF. DIFFERENTIAL LOCKOUT RELAY 186T

SUBSTA. BUS #4 PRIMARY LOCKOUT RELAYS 86BP4-1 & 86BP4-2

SUBSTA. BUS #4 BACK-UP LOCKOUT RELAYS 86BB4-1 & 86BB4-2

SUBSTA. BUS #8 PRIMARY LOCKOUT RELAYS 86BP8-1 & 86BP8-2

SUBSTA. BUS #8 BACK-UP LOCKOUT RELAYS 86BB8-1 & 86BB8-2

1A AUX. TRANSF. DIFFERENTIAL LOCKOUT RELAYS

1A AUX. TRANSF. PHASE OVERCURRENT AUX. RELAY 50/51T-1AX

1A AUX. TRANSF. DIFFERENTIAL LOCKOUT RELAY CONTACTS

1B AUX. TRANSF. DIFFERENTIAL LOCKOUT RELAYS

1B AUX. TRANSF. PHASE OVERCURRENT AUX. RELAY 50/51T-1BX

1B AUX. TRANSF. DIFFERENTIAL LOCKOUT RELAY CONTACTS

GEN. NO. 1 UNDER FREQUENCY PROTECTION

GENERATOR LOCKOUT AUXILIARY RELAY 86XP

1A MAIN TRANSFORMER SUDDEN PRESSURE

LOCKOUT 186FP-1A1

1B MAIN TRANSFORMER SUDDEN PRESSURE

LOCKOUT 186FP-1B1

MAIN TRANSFORMER NEUTRAL LOCKOUT RELAY 186TN

1A AUXILIARY TRANSFORMER FAULT PRESSURE

LOCKOUT 86FP-1A1 & 86FP-1A2

1A AUXILIARY TRANSFORMER NEUTRAL LOCKOUT

RELAYS 86N-1A1 & 86N-1A2

METROPOLITAN EDISON COMPANY

THREE MILE ISLAND NUCLEAR STATION UNIT #1

ELECTRICAL

ELECTRICAL ELEMENTARY DIAGRAMS

TURBINE, GENERATOR, EXCITER & TRANSFORMER

MADE KAG

CHK'D. FFB

SQ. CF. GC

CF. DFN. JG

ENG. #7166 1-22-74

REV. CH. APP. DATE

GILBERT ASSOCIATES, INC.

ENGINEERS AND CONSULTANTS

READING, PA.

4192

SS-208-006

WORK ORDER

SIZE

DRAWING

REV.

1 SEE DCR 2-1398 KG Fr. FJ 3-20-74

2 SEE DCR 2-1420 REV. 1 K.P. 6-18-74

2 SEE PCR 374 REV. 1 K.P. 6-18-74

DRAWING NO.

SS-208-040

TITLE

1B AUXILIARY TRANSFORMER FAULT PRESSURE

LOCKOUT 86FP-1B1 & 86FP-1B2

1B AUXILIARY TRANSFORMER NEUTRAL LOCKOUT

RELAYS 86N-1B1 & 86N-1B2

TURBINE TRIP LOCKOUT RELAY 86TT

TURBINE TRIP LOCKOUT RELAY 86TT CONTACTS

MAIN TRANSFORMER 1A CONTROL INTLKS. & IND.

MAIN TRANSFORMER 1B SIMILAR

UNIT 1 GENERATOR FIELD FAILURE RELAY 86FB

OUT-OF-STEP LOCKOUT RELAY 86ST

CONSTRUCTION	POSES ONLY	ENGR.
BIDDING	RELEASED FOR	
DATE		

TERA
APERTURE
CARD

RIDS-PDR

8104160572

