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7-18-57 Approved by NO. 212-288

00497 F.V.

OPERATE TEST

SWITCH DEVELOPMENT

BLOCK No.	CONTACT No.	POSITION	OPERATE TEST	DRAWING No.	REMARKS
TOP	100-101B	F	X		SPARE
200	201B	F	X	E-803430	HY-0122A
300	301B	F	X		SPARE
BTM	400	401B	F	E-803431	HY-0124A
500	501B	F	X		SPARE
600	601B	F	X	E-803432	HY-0124B
700	701B	F	X		SPARE
800	801B	F	X		SPARE

CONTROL SWITCH: HS-0122A
GENERAL ELECTRIC TYPE CR2940
MAINTAINED CONTACTS

MOTOR OVERLOAD BYPASS
RHR SW SYSTEM - COMMON I

00497 F.V.

OPERATE TEST

SWITCH DEVELOPMENT

BLOCK No.	CONTACT No.	POSITION	OPERATE TEST	DRAWING No.	REMARKS
TOP	100-101B	F	X		SPARE
200	201B	F	X	E-150,344	HY-0122B
300	301B	F	X		SPARE
BTM	400	401B	F	E-150,345	HY-0124B
500	501B	F	X		SPARE
600	601B	F	X	E-150,346	HY-0124C
700	701B	F	X		SPARE
800	801B	F	X		SPARE

CONTROL SWITCH: HS-0122B
GENERAL ELECTRIC TYPE CR2940
MAINTAINED CONTACTS

MOTOR OVERLOAD BYPASS
RHR SW SYSTEM - COMMON II

00497 F.V.

OPERATE TEST

SWITCH DEVELOPMENT

BLOCK No.	CONTACT No.	POSITION	OPERATE TEST	DRAWING No.	REMARKS
TOP	100-101B	F	X	E-146543	HY-0112A
200	201B	F	X		SPARE
BTM	300	301B	F	E-146544	HY-0112A
400	401B	F	X		SPARE
500	501B	F	X		SPARE
600	601B	F	X		SPARE
700	701B	F	X		SPARE
800	801B	F	X		SPARE

CONTROL SWITCH: HS-0112A
GENERAL ELECTRIC TYPE CR2940
MAINTAINED CONTACTS

MOTOR OVERLOAD BYPASS
ESW SYS LOOP A - COMMON A

00497 F.V.

OPERATE TEST

SWITCH DEVELOPMENT

BLOCK No.	CONTACT No.	POSITION	OPERATE TEST	DRAWING No.	REMARKS
TOP	100-101B	F	X	E-146543	HY-0112B
200	201B	F	X		SPARE
BTM	300	301B	F	E-146544	HY-0112B
400	401B	F	X		SPARE
500	501B	F	X		SPARE
600	601B	F	X		SPARE
700	701B	F	X		SPARE
800	801B	F	X		SPARE

CONTROL SWITCH: HS-0112B
GENERAL ELECTRIC TYPE CR2940
MAINTAINED CONTACTS

MOTOR OVERLOAD BYPASS
ESW SYS LOOP A - COMMON B

00497 F.V.

OPERATE TEST

SWITCH DEVELOPMENT

BLOCK No.	CONTACT No.	POSITION	OPERATE TEST	DRAWING No.	REMARKS
TOP	100-101B	F	X	E-146543	HY-0112C
200	201B	F	X		SPARE
BTM	300	301B	F	E-146544	HY-0112C
400	401B	F	X		SPARE
500	501B	F	X		SPARE
600	601B	F	X		SPARE
700	701B	F	X		SPARE
800	801B	F	X		SPARE

CONTROL SWITCH: HS-0112C
GENERAL ELECTRIC TYPE CR2940
MAINTAINED CONTACTS

MOTOR OVERLOAD BYPASS
ESW SYS LOOP A - COMMON C

00497 F.V.

OPERATE TEST

SWITCH DEVELOPMENT

BLOCK No.	CONTACT No.	POSITION	OPERATE TEST	DRAWING No.	REMARKS
TOP	100-101B	F	X	E-146543	HY-0112D
200	201B	F	X		SPARE
BTM	300	301B	F	E-146544	HY-0112D
400	401B	F	X		SPARE
500	501B	F	X		SPARE
600	601B	F	X		SPARE
700	701B	F	X		SPARE
800	801B	F	X		SPARE

CONTROL SWITCH: HS-0112D
GENERAL ELECTRIC TYPE CR2940
MAINTAINED CONTACTS

MOTOR OVERLOAD BYPASS
ESW SYS LOOP A - COMMON D

NOTES:

1. FOR STANDARD SYMBOLS FOR ELECTRICAL DIAGRAM SEE DWG. 8856-E-42.
2. # INDICATES SPARE CONTACTS TO BE WIRED OUT TO TERMINAL BLOCK

PRO
APERTURE
CARD

REFERENCE DWG'S.	
BECHTEL NO.	PL. NO.
E-42	A-107101
E-146	D-107255
E-150	D-107233

1/1	INCORPORATED IDEN. 2-DCP 35% I	REV. 1	1/1	REV. 1
1/1	REVISED NOTE 2 & AS SHOWN	REV. 1	1/1	REV. 1
1/1	ISSUED FOR CONSTRUCTION	REV. 1	1/1	REV. 1
DATE	DESIGNED J. WONG	DRAWN J. WONG	BY	CHK. J. WONG
PENNSYLVANIA POWER & LIGHT COMPANY				
ALLENTOWN, PENNSYLVANIA				
SUSQUEHANNA STEAM ELECTRIC STATION - UNIT 1, UNIT 2				
BECHTEL - SAN FRANCISCO				
SCHEMATIC DIAGRAM				
MOTOR OVERLOAD BYPASS SYSTEM				
COMMON				
8856	E-185SH 29	2	D-107334SH 29	

UNCONTROLLED DOCUMENT
FOR REFERENCE ONLY

4 1/2 X 3 1/2 SCHEMATIC MOTOR OVERLOAD BYPASS SYSTEM

24X

RIDS

8303310512

