

A

GENERAL NOTES:

- 1. ALL UNID AND CABLE DESIGNATIONS ARE PRECEDED BY IRG UNLESS OTHERWISE SHOWN.
JUMPER DESIGNATIONS ARE FORMED BY PREFIXING THE J NUMBER SHOWN ON THE SCHEMATIC WITH THE UNID OF THE ENCLOSURE AND THE SYSTEM DESIGNATION, RG. EXAMPLE: IEI-EMCC-64-A-RGJ1.
- 2. SEE SYSTEM RG CABLE PROGRAM FOR COMPLETE CABLE INFORMATION, INCLUDING SPARE CONDUCTORS. ONLY THOSE CONDUCTORS USED ARE SHOWN.
- 3. ALL ELECTRICAL EQUIPMENT IS SHOWN IN ITS DE-ENERGIZED STATE.
- 4. DRAWINGS INCLUDED IN PARENTHESIS ARE TVA REFERENCE DRAWINGS TO THE DOCUMENT WHICH CONTROLS THE EQUIPMENT CONFIGURATION.
- 5. PORTIONS OF THE SYSTEM SCHEMATIC ARE SHOWN OUT-OF-FUNCTION. THESE OUT-OF-FUNCTION PORTIONS ARE SHOWN FOR INFORMATION, WITH REFERENCES PROVIDED TO THE DOCUMENT WHICH CONTROLS THE EQUIPMENT CONFIGURATION.
- 6. SPECIFIC ENTRANCES ARE INDICATED FOR CABLES ENTERING EQUIPMENT THAT HAVE MORE THAN ONE ENTRANCE PER DIVISION OF SEPARATION. EXAMPLE: ENT C

SI

7. BOP ISOLATOR CABLE SHEELDS THAT ARE SHOWN CONNECTED ARE TERMINATED ON THE SIGNAL GROUND BUS (SG) LOCATED ADJACENT TO THE TERMINAL BLOCKS. TERMINATION POINTS ON THE GROUND BUS ARE NOT DEDICATED TO A SPECIFIC CABLE.
BOP ISOLATOR DIGITAL OUTPUTS ARE SOLID STATE SWITCHING (SS SW) DEVICES.

REFERENCE DRAWINGS:

SCHEMATIC DIAGRAM ANNUNCIATOR AND SEQUENTIAL EVENTS RECORDING SYSTEM 5GW1640-IA-01
STARTING AIR DESIGN CRITERIA DIAGRAM 3DW0685-RG-01

480V MOTOR CONTROL CENTER COMPARTMENT TYPICALS 5GW0747-RP-4
SCHEMATIC DIAGRAM STATUS ENVIRONMENTAL, ALARM, MONITORING SYSTEM (SEAMS) 5GW0640-IS-01

TVA CONTRACT 76X61-86181
DELAVAL DIESEL GENERATOR CONTROL PANEL SCHEMATICS 09-500-75080 SH 3, 4, 5, 7, 9
DELAVAL DIESEL GENERATOR, ENGINE & SKID ELEC. SCHEMATIC 08-688-75080 SH1, 2
KAHN & CO. ELECTRICAL SCHEMATIC STARTING AIR DRYER 001-129-003
DELAVAL DIESEL GENERATOR ENGINE PNEUMATIC SCHEMATIC 09-695-75080
KAHN & CO STARTING AIR DRYER DESCRIPTION OF OPERATION 1001.2

SI - ELECTROMAX INSTRUMENTS INC., TVA CONTRACT 79KJ2-822988 FOR BOP ISOLATORS.

SYMBOLS:

NON XXXXX

INTERFACE TO STATUS ENVIRONMENTAL AND ALARM MONITORING SYSTEM (SEAMS) (XXXXX * POINT NUMBER)

AN XXXX

UNIT ANNUNCIATOR SYSTEM INTERFACE (XXXXX * POINT NUMBER)

SI

I

ISOLATOR

B

C

D

E

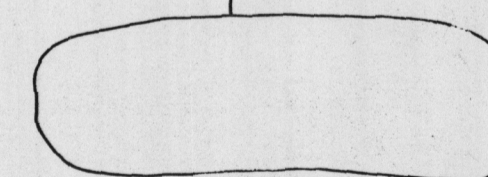
F

G

APERTURE CARD

Docket # 50-438
Control # 8202080064
Date 8/20/82 of Document
REGULATORY DOCKET FILE

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COMPANION DWGS: SYSTEM SCHEMATIC DSL GEN STARTING AIR SYSTEM 5GW1740-RG-02 THRU 04

PRINTS RECD	
SR-01	
PROJ	
DWG	
SIZE	
WE	
EE	
CE	
AD	
CD	
ED	
MD	
BP	
BW	
BL	
PA	

1	SI	1-17-77	ED	1/2	CD	1/2	CHK	1/2	APP	1/2	1/2	1/2	1/2	1/2	1/2	1/2
MINOR REVISIONS PER ECN SI.																
REV NO.	ECN NO.	DATE	DSGN	DRWN	CHRD	SUPP	ENGR	INSP	SUBM	REC'D	APP'D					
DSGN	E. M. IRWIN															
DRWN	J. W. JACKSON															
CHRD	D. H. GILBERT															
SUPP	E. G. GILBERT															
INS P ENGINEER W. L. Aldredge																

GENERAL UNIT 1

SYSTEM SCHEMATIC
DSL GEN STARTING AIR (RG)

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

REVIEWED	RECEIVED	RECOMMENDED	APPROVED
N/A	N/A	N/A	N/A
W. L. Aldredge			
11-14-77	88 E	5GW1740-RG-01	RI
RECORD DRAWING AS CONSTRUCTED			