NOTES:
FOR GENERAL NOTES AND REFERENCE DRAWINGS, REFER TO 5GW1740-YQ-01

480V MCC 5XF3 COMPT E11(L)
1ED-EMCC-57E1
EL 610 COL AF,R

480V AC

REFERENCE DWG 5GW0747-RP-3 DETAIL 7TM0

5X-100

T1 T2 T3

AB BB CB

ECA4-66

EDS-700

L1 L2 L3
T1 T2 T3

ECA4-69

AB BB CB

L1 L2 L3

FOR CHILLER UNIT INTERNAL WIRING, REFER TO SENTRY EQUIPMENT CORP. ELECTRICAL SCHEMATIC DWG NO. 5D19510-4-4

EMB-700H
HOT SAMPLE ROOM 1 CHILLER CAB
DUAL 1 TON UNIT
1IX-IX92-025
EL 610, COL A6,R

REF DWG 5TB0677-JL-10

CNDS BSTR PMPS DISCH AMMONIA CONDUCTIVITY INDICATOR 1AI-144

STGEN A STUP PMP DISCH AMMONIA CONDUCTIVITY INDICATOR 1AI-171

STGEN B STUP PMP DISCH AMMONIA CONDUCTIVITY INDICATOR 1AI-181

AUX BOILER FEED PMP HDR DISCH AMMONIA CONDUCTIVITY INDICATOR 0YQ-1AI-213

4-20MA

AA5 AA6 AA1 AA2 AA3 AA4 AA7 AA8 JB

0IX-1JBT-024 LOCATED ON LOCAL INSTR PNL
0IX-1LPT-024
EL 604 COL T3,D

ECA2-67

BK-BK BK-W W-BK W-W R-BK R-W G-BK G-W

REF S&Q CORP DWG E2-1

TBC1-1 -5 -4 -3 TBC1-7 -11 -10 -9 TBC2-1 -5 -4 -3 TBC2-7 -11 -10 -9

I+ I- G 11 21 12 22 15 23 11 12

1AT-144 1AR-144 1AT-171 1AR-144 1AT-181 1AR-144 1AT-213 1AR-213

TITRATION ROOM PANEL
1IX-1XPA-007
EL 610 COL A8,3

REF DWG 5TB0677-JL-9

AUX BOILER FEED PMP HDR DISCH HYDRAZINE CONCENTRATION INDICATOR 0YQ-1AI-211

STGEN B STUP PMP DISCH HYDRAZINE CONCENTRATION INDICATOR 1AI-182

STGEN A STUP PMP DISCH HYDRAZINE CONCENTRATION INDICATOR 1AI-172

CNDS BSTR PMPS DISCH HYDRAZINE CONCENTRATION INDICATOR 1AI-143

4-20MA

AA7 AA8 AA3 AA4 AA1 AA2 AA5 AA6 JB

0IX-1JBT-015 LOCATED ON LOCAL INSTR PNL
0IX-1LPT-015
EL 604 COL T2,C

ECA2-68

BK-BK BK-W W-BK W-W R-BK R-W G-BK G-W

REF S&Q CORP DWG E2-1 & E2-3

TB9-7 -8 -6 -9 TB8-2 -3 -1 -4 TB9-2 -3 -1 -4 TB8-10 -11 -9 -12

I+ I- G 11 12 12 22 11 21 12 22

1AE-211 1AR-211 1AE-182 1AR-182 1AE-172 1AR-182 1AE-143 1AR-103

TITRATION ROOM PANEL
1IX-1XPA-007
EL 610 COL A8,S

P.R.C APERTURE CARD

Docket # 50-438
Control # 8304050536
Date 3-25-83
of Document
REGULATORY DOCKET FILE

REV NO.	ECN NO.	DATE	DSGN	DRWN	CHKD	SUPV	ENGR	INSP	IS &/OR AS-BUILT	APPD
2	S1	10-15-79	JWP	TLS	TES	WC	WAS	-	SUB 2.5 Yard	
MINOR CHANGES										
1	S1	5-8-79	JWP	TLS	TES	WC	WAS	-	SUB 2.5 Yard	
ADDED TERMINATIONS, CHG LOCAL PNL NO., REMOVED COL & EL AND MINOR CHANGES PER S1										

DSGN E.G. Hagler / J.N. Phelps — INSP
DRWN T.G. Shilo
CHKD T. Thomas / E. Snyder — ENGINEER W.A. Abbott '01
SUPV W.C. Nelson

SCALE EXCEPT AS NOTED

GENERAL
UNIT 1

SYSTEM SCHEMATIC
SAMPLING AND WATER QUAL SYS

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

Q

SUBMITTED	RECOMMENDED	APPROVED
W.C. Abbott		R.M. Hodges
KNOXVILLE 5-9-79	88 E 5GW1740-YG-06 R2	

RECORD DRAWING AS CONSTRUCTED

REVIEWED
RC(CIVIL) N/A
RE(ELEC) N/A
RM(MECH) N/A

INSPECTED AND APPROVED FOR ISSUE

PRINT #
SIZE F

DR CR PROJ CH EE CL AS CO CS MS MM SB SL PA
PRINTS 4 CCO-0