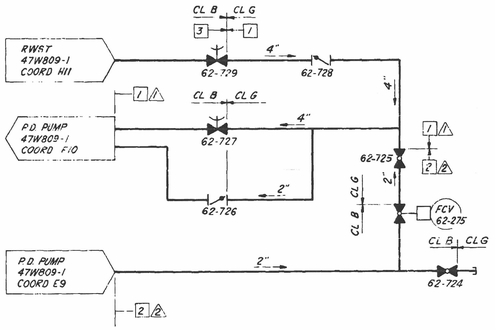

DESIGN PRESSURE AND TEMPERATURE DATA		
LINE NO	PRESSURE (PSIG)	TEMPERATURE (°F)
1	255	150
2	1800	300
3	100	150

LINE NK NUMBER	HYDROSTATIC TEST PRESSURE (PSIG)
1	383
2	2700
3	125

FOR PIPING ONLY LIMITING COMPONENTS TO BE DETERMINED BY FIELD

NOTES:
1. ALL VALVES ARE THE SAME SIZE AS THE PIPING UNLESS OTHERWISE NOTED.
2. FLOW DIAGRAM FOR UNITS (1 & 2.)
3. [1], ETC INDICATES LINE NO CORRESPONDING TO DESIGN PRESS & TEMP CHART ON THIS SHEET.
4. [2], ETC INDICATES LINE NO CORRESPONDING TO HYDROSTATIC TEST PRESSURE CHART ON THIS SHEET. HYDROSTATIC TESTING SHALL BE IN ACCORDANCE WITH APPLICABLE CODE CASES WITH CASE BY CASE APPLICATION REQUIRING PRIOR APPROVAL BY ENGINEERING DESIGN

FOR ADDITIONAL NOTES, SEE SHEET 1.

REFERENCE DRAWINGS:
47W811-2
47W809-1

RO ISSUE FOR ECN 5549

REV NO.	CHANGE REF	DATE	DFTR	CHKR	DSGN	RVWR	1 APPD	2 APPD	3 APPD	ISSD
3	6429	8-14-87	FJJ	TMEE	JEW	DCH	LBW			
	TRANSFER UHI UNIT 1 PIPING TO CVCS SYSTEM.									
2	6287, A"	7-15-86	MB	RH	DHP		JCW			
	REVISED DESIGN CONDITIONS OF PIPING FROM RWST, ADDED Q EXCP 2 CHG CONT"									
1	ECN/FCR	DATE	DRWN	DSGN	CHKD	RVWD	APPD	ISSD		
	5881	4-10-85	RHM	RHM	EEB	TL				
	ADDED CLASS BREAK AT VALVE -724 PER FCR M 11,210 R1									

REV NO.	ECN NO.	DATE	DSGN	DRWN	CHKC	SUPV	ENGR	INSP	SUBM	RECM	APPD

DSGN R.H. Mills
DRWN
CHKD
SUPV
INSP
ENGINEER M B Davis

SCALE: NONE — EXCEPT AS NOTED

POWERHOUSE
UNIT (1 & 2)

FLOW DIAGRAM CHEMICAL & VOLUME CONTROL SYSTEM

D-11

WATTS BAR NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN
Q

SUBMITTED	RECOMMENDED	APPROVED
M B Davis	J K Humphreys/LBW	F A Chandler/LBW

INSPECTED AND APPROVED FOR ISSUE
J C Standifer/LBW

KNOXVILLE | 6-5-85 | 85 | M | 47W809-9 | R3

RECORD DRAWING AS CONSTRUCTED

PRINT H
SIZE F
BR GR PROJ AS CE EE ME NE FD HD SD BL SW WB PW
PRINTS REQD - R