







REVISION 18	FRAME 2
PIPING & INSTRUMENT DIAGRAM	
MAIN HEAT TRANSPORT	
LOOP No. 1 SYS 51	
H 4-11019	
SWT 1	1

- ALL COMPONENT LEAK DETECTORS ARE WIRED BACK TO INDICATORS ON PANEL Q121 WHERE A COMMON ALARM IS DERIVED AND WIRED TO THE PLANT ANNUNCIATOR SYSTEM. SEE SDD 93 PART 13.

NEXT USED ON		REFERENCE DRAWINGS	
DWG NO.	REV		REVISION TITLE OR DATED INQ.
H-A-10820		A-F-10-10820	DATA SYS E
H-A-12250		PRIMARY PUMP MONITORING INSTRUM.	SYS A
H-A-12251		SECONDARY PUMP MONITORING INSTRUM.	SYS B
H-A-11139		MHTS LOOP 1 DNA PREHEATER	
H-A-18264		EDIR MHTS CONTROL, SYS C	
H-A-12013		I-DIAGN. SEC. POWER RANGE RM. SYS	
H-A-11084		MHTS REACTOR VESSEL	SYS F
H-A-11085		MHTS LOOP AC 2	
H-A-11087		MHTS LOOP NB 5	
H-A-11146		MHTS PRIM. ISOL VALVES MONITORING INSTRUM.	
H-A-11031		R PRIM NB PROCESS, SYS.	
H-A-11033		R SEC NB PROCESS, SYS.	
H-A-11044		AF DIST. PRIM. MTS. LOOP 1	
H-A-11122		AF DISTAL OUTSIDE CTMT.	

NOTES

1. DEFLECT
2. ALL MANUAL VALVES ARE PREPARED BY SI.
3. FOR PUMP INSTRUMENTATION REFER
17 DWS-H-12150 FOR PUMP NO 1 AND DWG
H-4-1215 FOR PUMP NO 4
4. POINT IDENTIFICATION PROVIDED FOR EACH
MEASUREMENT
5. FOR REHEATING SYSTEM SEE 600-93 PART 15
6. Piping MATERIAL: REF SECOND FLAME RESISTANT
C/B 50 TYP 304H; IF DESIGNATES 65
TYP 304H
7. AUTOMATIC SEQUENCE CONTROL & INTER-
LOCKING IS SHOWN ON LOGIC DIAGRAMS
H-4-12035 H-4-12034 H-4-12097
8. FOR ENGINEERING & PROCUREMENT
RESPONSIBILITIES SEE REFERENCE
DRAWING H-11000
9. THIS DRAWING INCLUDES EQUIPMENT
IDENTIFIED AS PART OF THE PLANT PROTECTION
SYSTEM (PPS). BEFORE MODIFYING OR MAINTAINING
THE EQUIPMENT SO IDENTIFIED, THE
APPROVAL OF THE COORDINATING PERSONNEL
FOR THE PPS MUST BE OBTAINED.
10. CERTAIN EQUIPMENT SHOWN ON THIS DRAWING
IS INCLUDED IN THE PLANT PROTECTION
SYSTEM. THIS EQUIPMENT IS SPECIFICALLY
IDENTIFIED ON THE DRAWING AS FOLLOWS:
"S" DENOTES PRIMARY PROTECTION
"SS" DENOTES SECONDARY PROTECTION
10. FOR INSTRUMENTATION PIPING SYMBOLS AND
USAGE SEE LEGEND SHEETS H-4-11043;
H-4-11048; H-4-11049; H-4-11050 AND H-4-11051
(H-4-11051 AT 151, 152 & 153)

DATE	BY	APPROVED	REMARKS	DATE	BY	APPROVED	REMARKS
10/12/74	B		RELEASED PER AFD ERO B-9082 (3-20-75)	10			
10/12/74	B		RELEASED PER AFD ERO B-9573 11/22/74	9			
10/12/74	B		RELEASED PER AFD ERO C-09892 9/5/74	8			
10/12/74	B		RELEASED PER AFD ERO C-09166 11/1/74	7			
10/12/74	B		RELEASED PER AFD ERO C-09164 9/5/73	6			
10/12/74	B		RELEASED PER AFD ERO C-09164 9/5/73	5			
10/12/74	B		FOR APPROVAL	4			
10/12/74	B		RELEASED PER AFD ERO C-09164 9/5/73	3			
10/12/74	B		FOR APPROVAL	2			
10/12/74	B		FOR APPROVAL	1			

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ENGINEERING RELEASE
BY MEDL
REV 4 DATE 3-17-78
PRO C-027 8

THIS DRAWING IS CONTAINED
IN SUG 51
ALL CHANGES TO THIS DRAWING
MUST BE PROCESSED USING THE
EGD REVISION PROCESS.

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