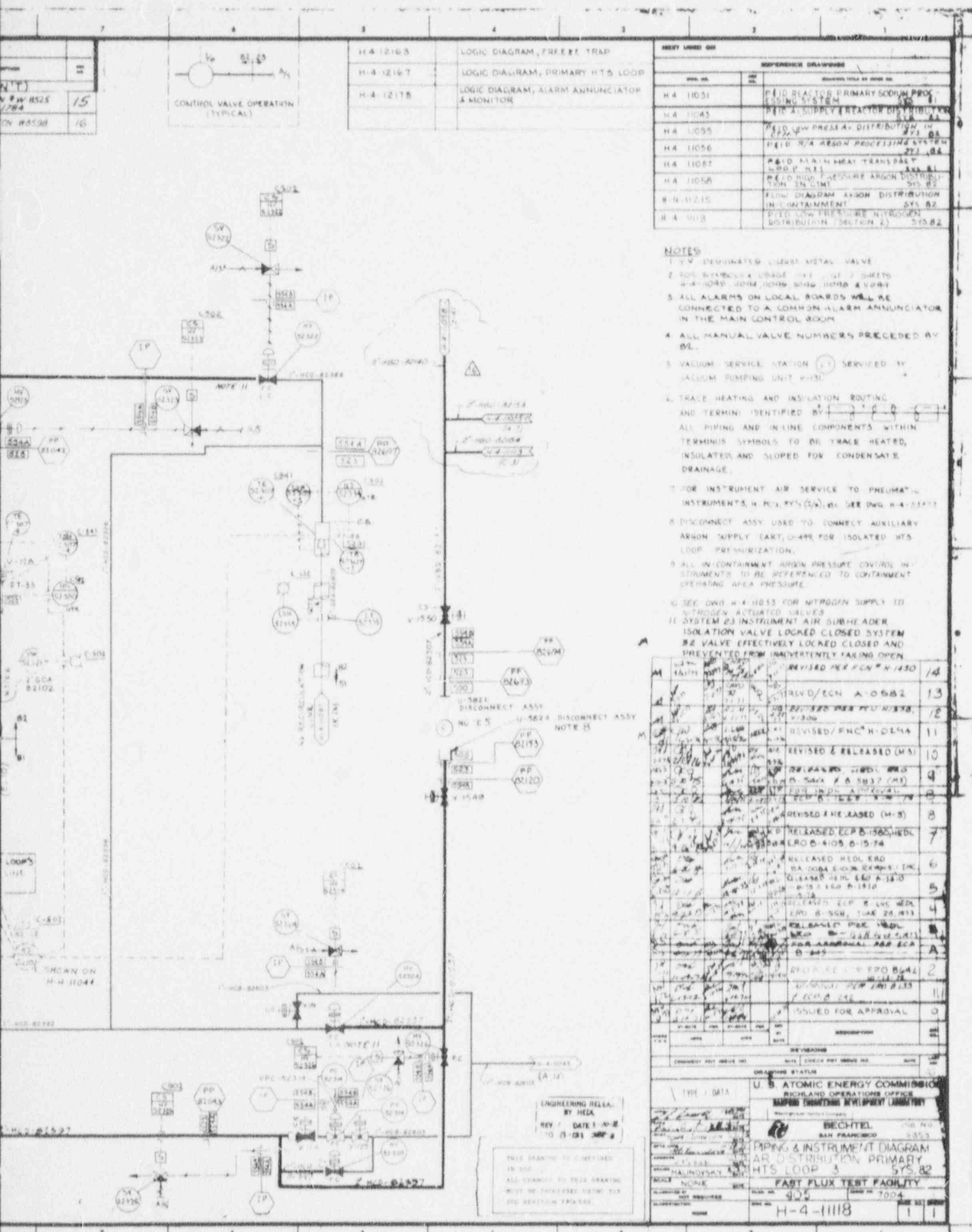


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H-4-12163	LOGIC DIAGRAM, FREEZE TRAP
H-4-12167	LOGIC DIAGRAM, PRIMARY HTS LOOP
H-4-12175	LOGIC DIAGRAM, ALARM ANNUNCIATOR & MONITOR

REVISIONS	
NO.	DESCRIPTION
H-4-11031	FIELD REACTOR PRIMARY SODIUM PROCESSING SYSTEM
H-4-11043	FIELD REACTOR PRIMARY SODIUM PROCESSING SYSTEM
H-4-11055	FIELD LOW PRESSURE DISTRIBUTION IN HTS
H-4-11056	FIELD N/A ARGON PROCESSING SYSTEM
H-4-11087	FIELD MAIN HEAT TRANSFER SYSTEM
H-4-11058	FIELD HIGH PRESSURE ARGON DISTRIBUTION IN HTS
H-4-11215	FLOW DIAGRAM ARGON DISTRIBUTION IN CONTAINMENT
H-4-11018	FIELD LOW PRESSURE NITROGEN DISTRIBUTION (SECTION 2) HTS

- NOTES
1. V DENOTES VALVE, M VALVE
 2. FOR EXHAUSTION OF GASES FROM THE HTS
 3. ALL ALARMS ON LOCAL BOARDS WILL BE CONNECTED TO A COMMON ALARM ANNUNCIATOR IN THE MAIN CONTROL ROOM
 4. ALL MANUAL VALVE NUMBERS PRECEDED BY 01.
 5. VACUUM SERVICE STATION (V) SERVED BY VACUUM PUMPING UNIT (VH3)
 6. TRACE HEATING AND INSULATION ROUTING AND TERMINI IDENTIFIED BY
 7. FOR INSTRUMENT AIR SERVICE TO PNEUMATIC INSTRUMENTS, H-4-11053 (2) & SEE DWG H-4-11053
 8. DISCONNECT ASSY USED TO CONNECT AUXILIARY ARGON SUPPLY CART, U-499, FOR ISOLATED HTS LOOP PRESSURIZATION.
 9. ALL IN CONTAINMENT ARGON PRESSURE CONTROL INSTRUMENTS TO BE REFERENCED TO CONTAINMENT OPERATING AREA PRESSURE.
 10. SEE DWG H-4-11053 FOR NITROGEN SUPPLY TO NITROGEN ACTUATED VALVES
 11. SYSTEM 23 INSTRUMENT AIR SUBHEADER ISOLATION VALVE LOCKED CLOSED SYSTEM 22 VALVE EFFECTIVELY LOCKED CLOSED AND PREVENTED FROM INADVERTENTLY TAKING OPEN

NO.	DATE	REVISIONS	BY	CHKD
1	10/1/74	REVISED PER FCN H-4-1450	14	
2	10/1/74	REVISED PER FCN A-0582	13	
3	10/1/74	REVISED PER FCN H-4-1338	12	
4	10/1/74	REVISED PER FCN H-0194	11	
5	10/1/74	REVISED & RELEASED (M-5)	10	
6	10/1/74	RELEASED PER FCN H-4-1338	9	
7	10/1/74	RELEASED PER FCN H-4-1338	8	
8	10/1/74	RELEASED PER FCN H-4-1338	7	
9	10/1/74	RELEASED PER FCN H-4-1338	6	
10	10/1/74	RELEASED PER FCN H-4-1338	5	
11	10/1/74	RELEASED PER FCN H-4-1338	4	
12	10/1/74	RELEASED PER FCN H-4-1338	3	
13	10/1/74	RELEASED PER FCN H-4-1338	2	
14	10/1/74	RELEASED PER FCN H-4-1338	1	

ENGINEERING RELEASE
BY HED
REV 1 DATE 1-10-82
TO 01-01 1000

THIS DRAWING IS CONTROLLED
IN 200
ALL CHANGES TO THIS DRAWING
MUST BE APPROVED BY THE
200 REVISION TRACKING

DRAWING STATUS	
TYPE	DATA
U.S. ATOMIC ENERGY COMMISSION RICHMOND OPERATIONS OFFICE SARAFI ENGINEERING DEVELOPMENT LABORATORY	
BECHTEL SAN FRANCISCO 94103	
PIPING & INSTRUMENT DIAGRAM ARGON DISTRIBUTION PRIMARY HTS LOOP 3 HTS 82	
FAST FLUX TEST FACILITY	
DATE	4/25/82
NO.	H-4-11118