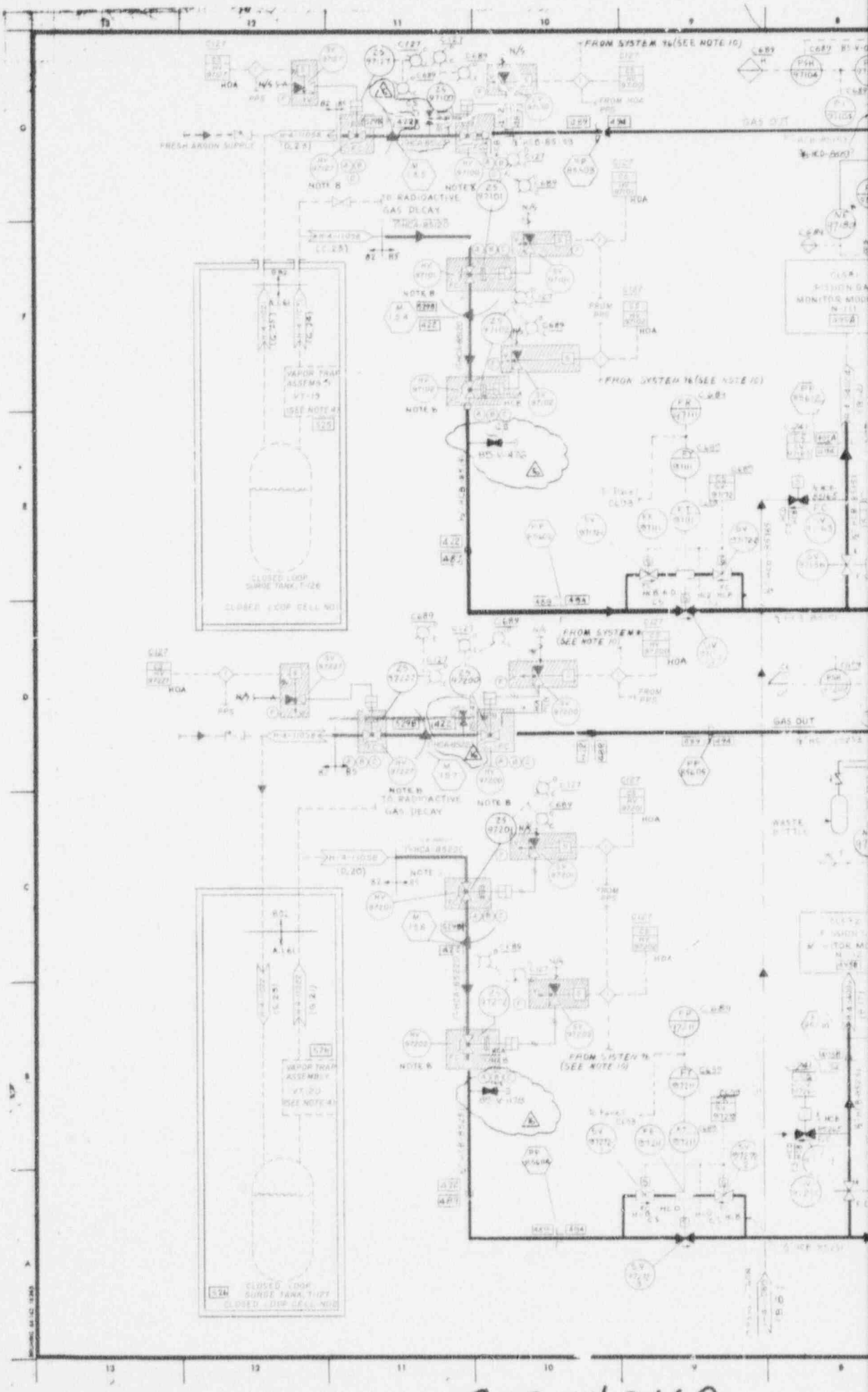
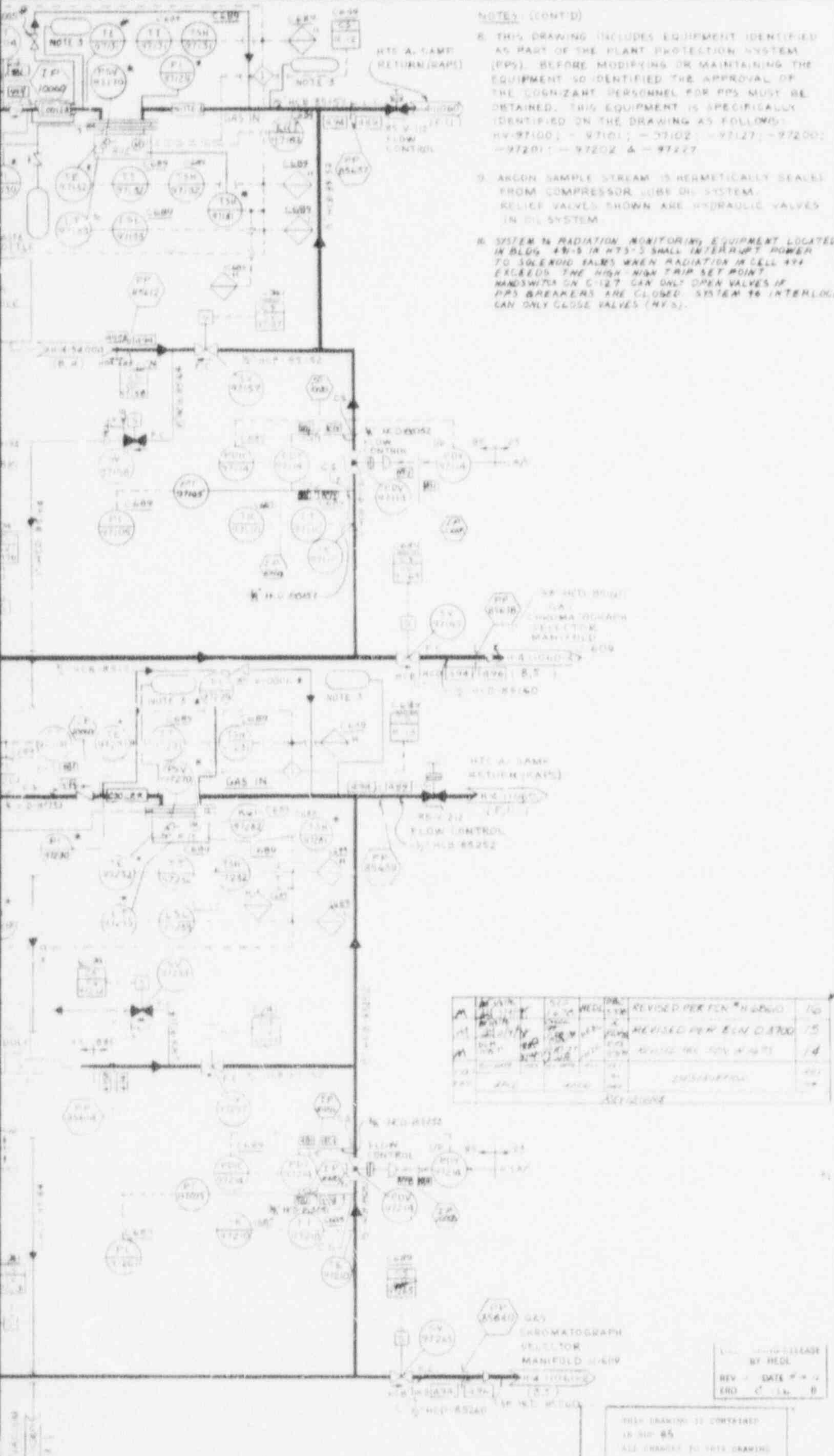

FROM SYSTEM 76 (SEE NOTE 10)
FRESH ARGON SUPPLY
TO RADIOACTIVE GAS DECAY
GAS OUT
VAPOR TRAP ASSEMBLY VT-19
CLOSED LOOP SURGE TANK, T-126
VAPOR TRAP ASSEMBLY VT-20
CLOSED LOOP SURGE TANK, T-127
FROM SYSTEM 76 (SEE NOTE 10)
FROM SYSTEM 76 (SEE NOTE 10)
FROM SYSTEM 76 (SEE NOTE 10)
TO RADIOACTIVE GAS DECAY
GAS OUT

8001140169



NOTES: (CONT'D)

8. 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 COGNIZANT PERSONNEL FOR PPS MUST BE OBTAINED. THIS EQUIPMENT IS SPECIFICALLY IDENTIFIED ON THE DRAWING AS FOLLOWS: HV-97100; -97101; -97102; -97127; -97200; -97201; -97202 & -97227

9. ARGON SAMPLE STREAM IS HERMETICALLY SEALED FROM COMPRESSOR LUBE OIL SYSTEM. RELIEF VALVES SHOWN ARE HYDRAULIC VALVES IN OIL SYSTEM.

10. SYSTEM 96 RADIATION MONITORING EQUIPMENT LOCATED IN BLDG 491-S IN HTS-3 SHALL INTERRUPT POWER TO SOLENOID VALVES WHEN RADIATION IN CELL 491 EXCEEDS THE HIGH-HIGH TRIP SET POINT. HANDSWITCH ON C-127 CAN ONLY OPEN VALVES IF PPS BREAKERS ARE CLOSED. SYSTEM 96 INTERLOCK CAN ONLY CLOSE VALVES (HV'S).

NEXT USED ON

REFERENCE DRAWINGS

DWG. NO.	REV. NO.	DRAWING TITLE OR NAME NO.
H-4-11058		P & ID HIGH PRESSURE ARGON DISTR. IN CONTAINMENT, SYS 82
H-4-11060		P & I D PRI. ARGON COVER GAS SAMPLING HTS SYS 85
H-4-11061		P & I D PRI. ARGON COVER GAS SAMPLING CLS #3 & #4 SYS 85
H-4-11121		P & I D ARGON DISTRIBUTION OUTSIDE CONTAINMENT, SYS 82
H-4-54004		P & I D CELL COVER GAS MONITORING SYSTEM, SYS 94
H-4-33427		INSTRUMENTATION H.T.S. S.O. PRESS MONITORING PANEL C-345 & REMOTE RELAYS
H-4-16167		SCHEMATIC DIAGRAM PRINCIPAL CONTAINMENT ISOLATION VALVE OUTSIDE CTMT, SYS 87.

NOTES

1. FOR SYMBOLS & USAGE SEE LEGEND SHEETS H-4-1093, 94, 95, 96, 98 & 99.
2. ALL ALARMS ON LOCAL PANEL C-89 WILL BE CONNECTED TO A COMMON ALARM ANNUNCIATOR IN THE CONTROL ROOM.
3. EACH SAMPLING COMPRESSOR IS PROVIDED WITH A PULSATION DAMPING DEVICE ON THE INLET AND OUTLET TO MINIMIZE AMPLITUDE OF PRESSURE PULSES CAUSED BY THE DIAPHRAGM TYPE COMPRESSOR BEING USED. SEE HWS-1149 FOR DAMPING REQUIREMENTS.
4. AEROSOL FILTERS ARE PROVIDED AS AN INTEGRAL PART OF THE VAPOR TRAP ASSEMBLY.
5. [illegible] STREAM PRESSURE BOUNDARY SHALL BE FURNISHED IN ACCORDANCE WITH SUBSECTION NB OF THE ASME CODE, SECTION III, EXCEPT THAT [illegible] WITH ARTICLE [illegible]
6. [illegible] INDICATES INSTRUMENT FURNISHED WITH EQUIPMENT BY THE SUPPLIER.
7. THE FCM MODULE CONTAINS INCELL BLOCK VALVES, WHICH IN CONJUNCTION WITH VALVES SHOWN ON THIS DWG FORM DOUBLE BLOCK PROTECTION FOR PERSONNEL DOING IN-CELL MAINTENANCE. THE VALVE ARRANGEMENT ENABLES PURGE OF THE MODULE AND THE ISOLATED PIPING AND ENABLES CONTINOUS BLEED & PURGE TO REMOVE ANY LEAKAGE [illegible] IN THE MAINTENANCE PERIOD.

NOTES (CONT'D)

REVISIONS

DESCRIPTION	REV
REVISED PER ECN D-7653	13
REVISED PER ECN D-0212	12
REVISED PER FCN # H-2295	11
REVISED PER FCN # H-0857	10
REVISED PER FCN # H-0886	9
REVISED PER FCN # 5066 H-2263	8
REVISED & RELEASED (M3)	7
REVISED AND RELEASED (M3)	6
RELEASED HEDL ERD B-8167 [illegible]	5
[illegible]	
RELEASED ECP B-1478 [illegible] HEDL ERD B-[illegible]	4
FOR APPROVAL PER ECP B-1478	A
RELEASED HEDL ERD B-[illegible]	
[illegible] (REVISED & REDRAWN)	
RELEASED PER ERD B136	1
ISSUED FOR APPROVAL	0

DESCRIPTION	REV
REVISED PER FCN # H-2860	16
REVISED PER ECN D-3700	15
REVISED PER FCN [illegible]	14

DRAWING STATUS

TYPE 1 DATA

U. S. ATOMIC ENERGY COMMISSION
RICHLAND OPERATIONS OFFICE
Hanford Engineering Development Laboratory
Westinghouse Hanford Company

BECHTEL
SAN FRANCISCO
JOB NO. 5853

PIPING & INSTRUMENT DIAGRAM
PRIMARY ARGON COVER GAS SAMPLING - CLS 1 & 2 SYS 85

FAST FLUX TEST FACILITY

SCALE: NONE

H-4-11059

THIS DRAWING IS CONTAINED IN SDD 85. ALL CHANGES TO THIS DRAWING MUST BE PROCESSED USING THE SDD REVISION PROCESS.