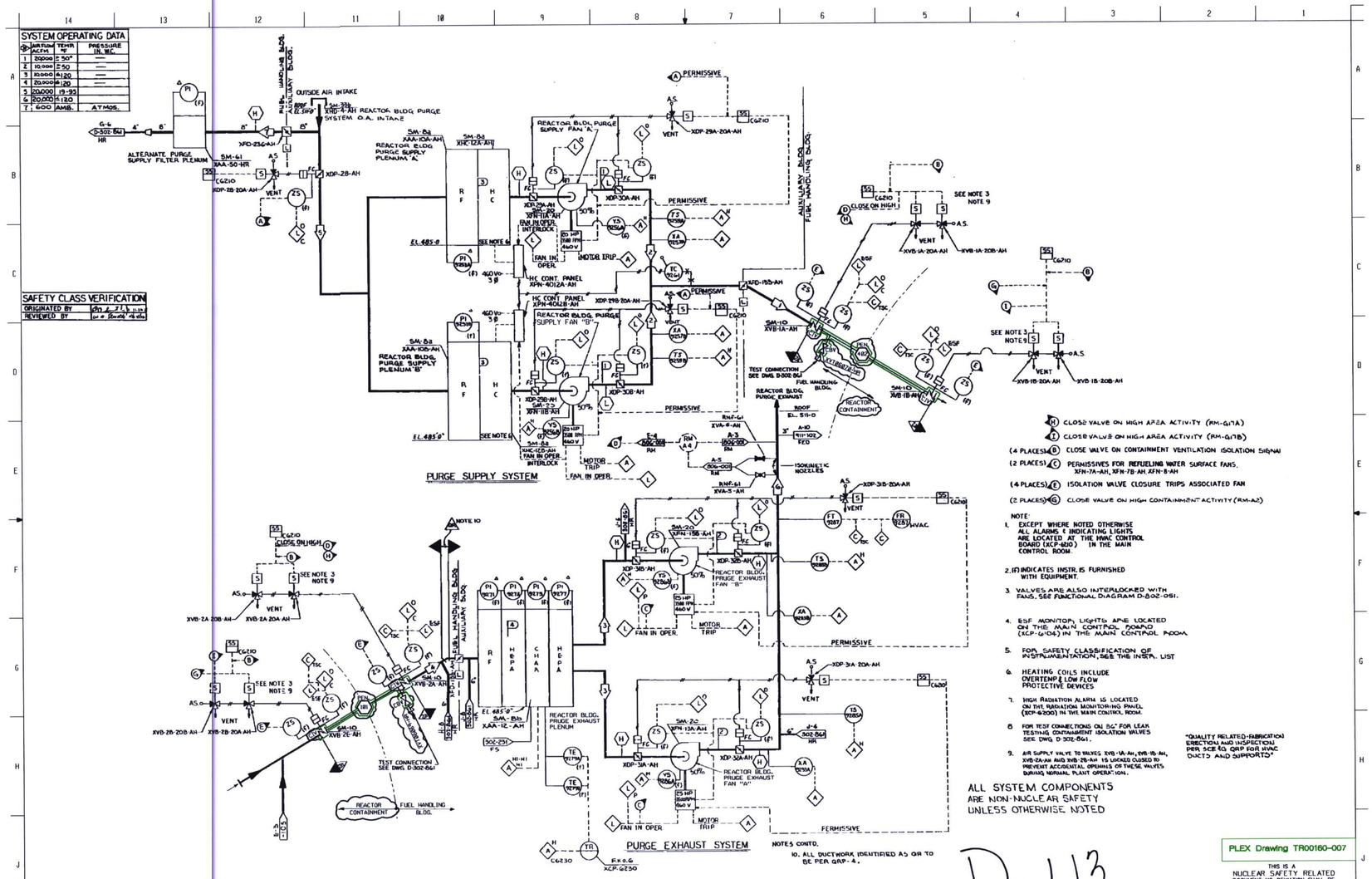
SYSTEM OPERATING DATA			
#	AIR FLOW ACFM	TEMP °F	PRESSURE IN. W.C.
1	20,000	±50°	—
2	10,000	±50	—
3	10,000	±120	—
4	20,000	±120	—
5	20,000	19-95	—
6	20,000	±120	—
7	600	AMB.	ATMOS.

SAFETY CLASS VERIFICATION	
ORIGINATED BY	[illegible]
REVIEWED BY	[illegible]



(H) CLOSE VALVE ON HIGH AREA ACTIVITY (RM-G17A)

(I) CLOSE VALVE ON HIGH AREA ACTIVITY (RM-G17B)

(4 PLACES) (B) CLOSE VALVE ON CONTAINMENT VENTILATION ISOLATION SIGNAL

(2 PLACES) (C) PERMISSIVES FOR REFUELING WATER SURFACE FANS. XFN-7A-AH, XFN-7B-AH, XFN-8-AH

(4 PLACES) (E) ISOLATION VALVE CLOSURE TRIPS ASSOCIATED FAN

(2 PLACES) (G) CLOSE VALVE ON HIGH CONTAINMENT ACTIVITY (RM-A2)

NOTE:

1. EXCEPT WHERE NOTED OTHERWISE ALL ALARMS & INDICATING LIGHTS ARE LOCATED AT THE HVAC CONTROL BOARD (XCP-6210) IN THE MAIN CONTROL ROOM.
2. (F) INDICATES INSTR. IS FURNISHED WITH EQUIPMENT.
3. VALVES ARE ALSO INTERLOCKED WITH FANS, SEE FUNCTIONAL DIAGRAM D-302-051.
4. ESF MONITOR LIGHTS ARE LOCATED ON THE MAIN CONTROL BOARD (XCP-6104) IN THE MAIN CONTROL ROOM.
5. FOR SAFETY CLASSIFICATION OF INSTRUMENTATION, SEE THE INSTR. LIST
6. HEATING COILS INCLUDE OVERTEMP & LOW FLOW PROTECTIVE DEVICES
7. HIGH RADIATION ALARM IS LOCATED ON THE RADIATION MONITORING PANEL (XCP-6200) IN THE MAIN CONTROL ROOM.
8. FOR TEST CONNECTIONS ON 36" FOR LEAK TESTING CONTAINMENT ISOLATION VALVES SEE DWG. D-302-861.
9. AIR SUPPLY VALVE TO VALVES XVB-1A-AH, XVB-1B-AH, XVB-2A-AH AND XVB-2B-AH IS LOCKED CLOSED TO PREVENT ACCIDENTAL OPENING OF THESE VALVES DURING NORMAL PLANT OPERATION.

"QUALITY RELATED-FABRICATION ERECTION AND INSPECTION PER SCE&G QRP FOR HVAC DUCTS AND SUPPORTS"

ALL SYSTEM COMPONENTS ARE NON-NUCLEAR SAFETY UNLESS OTHERWISE NOTED

NOTES CONTD.

10. ALL DUCTWORK IDENTIFIED AS QR TO BE PER QRP-4.

D-113

SYSTEM DESIGN DATA			
#	AIR FLOW ACFM	AIR TEMP. °F	PRESSURE IN. W.C.
4	21,000	—	—
3	12,000	—	—
2	10,000	120 MAX	—
1	10,000	50-95	—

PLEX Drawing TR00160-007

THIS IS A NUCLEAR SAFETY RELATED DOCUMENT. NO DEVIATION SHALL BE INITIATED OR PERFORMED WITHOUT PRIOR DOCUMENTATION AND WRITTEN APPROVAL.

DRAWING LEGIBILITY CLASS 1 SCE&G CAD ENHANCED

NO.	DATE	BY	REVISION	CHG BY	LE APPROVAL
20	11/14/95	JJTS	REVISED PER MRF-22640	MGR	JEW
19	6/29/95	PJM	REVISED PER CCSG-1605	DCW	PJS

SOUTH CAROLINA ELECTRIC & GAS COMPANY
VIRGIL C. SUMMER NUCLEAR STATION
BUILDING SERVICE SYSTEM FLOW DIAGRAM
R.B. PURGE SUPPLY & PURGE EXHAUST SYSTEMS
DESIGN ENGINEERING
V.C. SUMMER NUCLEAR STATION JENKINSVILLE, S.C.

DRAWN	CHECKED	LE APPROVAL
PJM	DCW	PJS

DWG OR MAP D-912-103 20
DRAWING NUMBER SHT. NUMBER REV.