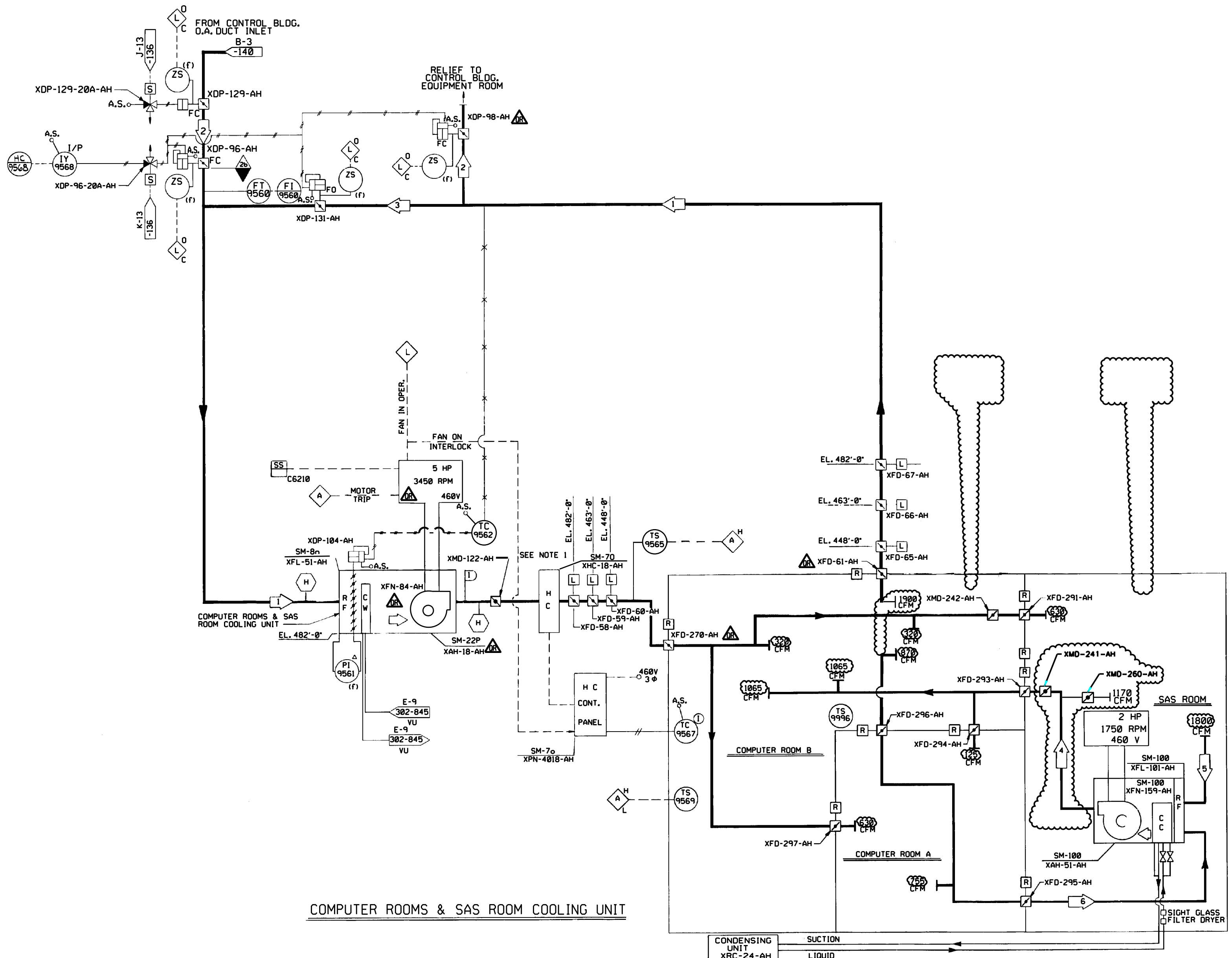


SYS. OPER. DATA	
AIR FLOW	CFM
1	1900
2	1500
3	1750
4	3425
5	1800
6	1625



SAFETY CLASS VERIFICATION
 ORIGINATED BY *W. G. S. [Signature]*
 REVIEWED BY *W. G. S. [Signature]*

- NOTE:**
1. HEATING COIL INCLUDES OVERTEMP & LOW FLOW PROTECTIVE DEVICES.
 2. (f) INDICATES INSTR. IS FURNISHED WITH EQUIPMENT.
 3. FOR SAFETY CLASSIFICATION OF INSTR., SEE THE INSTR. LIST.
 4. EXCEPT WHERE OTHERWISE NOTED, ALL ALARMS & INDICATING LIGHTS ARE LOCATED AT THE HVAC CONTROL BOARD (XCP-6210-AH) IN THE MAIN CONTROL ROOM.
 5. COIL FACE DAMPERS FAIL OPEN AND COIL BYPASS DAMPERS FAIL CLOSED.
 6. ALL EQUIPMENT IDENTIFIED AS OR TO BE PER TRP-31

ALL SYSTEM COMPONENTS ARE NON-NUCLEAR SAFETY, EXCEPT AS NOTED

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

ESSENTIAL

DRAWING LEGIBILITY CLASS 1
 SCE&G CAD ENHANCED

FSAR Figure 9.4-5
 SOUTH CAROLINA ELECTRIC & GAS COMPANY
 VIRGIL C. SUMNER NUCLEAR STATION
 BUILDING SERVICE SYSTEM FLOW DIAGRAM
 COMPUTER ROOMS & SAS ROOM COOLING UNIT

NO.	DATE	BY	REVISION	CHK. BY	APPROVAL
16	10/08/83	YC	REVISED PER ECR-50903C	MFS	DJF
15	10/04/83	DDJ	REVISED PER ECR-70028	MGR	DDJ
14	11/17/83	AVN	REVISED PER MRF-34054	MGR	DJC
13	04/22/83	JMH	REVISED PER CGSS-93-0328	DVW	GAA

DESIGN ENGINEERING	
DATE	BY
10/08/83	V. C. SUMNER NUCLEAR STATION, JENSENSVILLE, S.C.
10/08/83	LE APPROVAL
ACI	RHM
DJC	
D-912-154	
NO. DATE BY REVISION	CHK. BY APPROVAL

SYS DESIGN DATA	
AIR FLOW	AIR TEMP
1900	55.5
CFM	F

