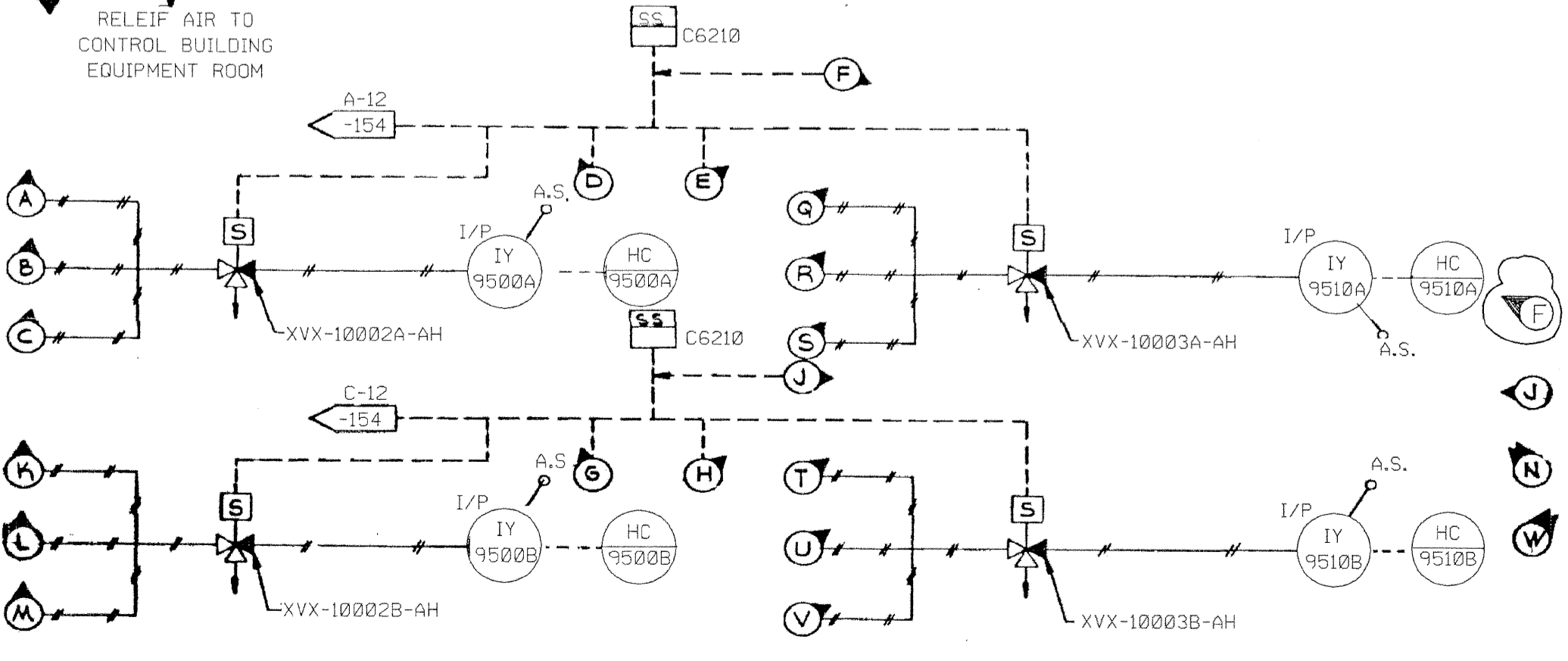
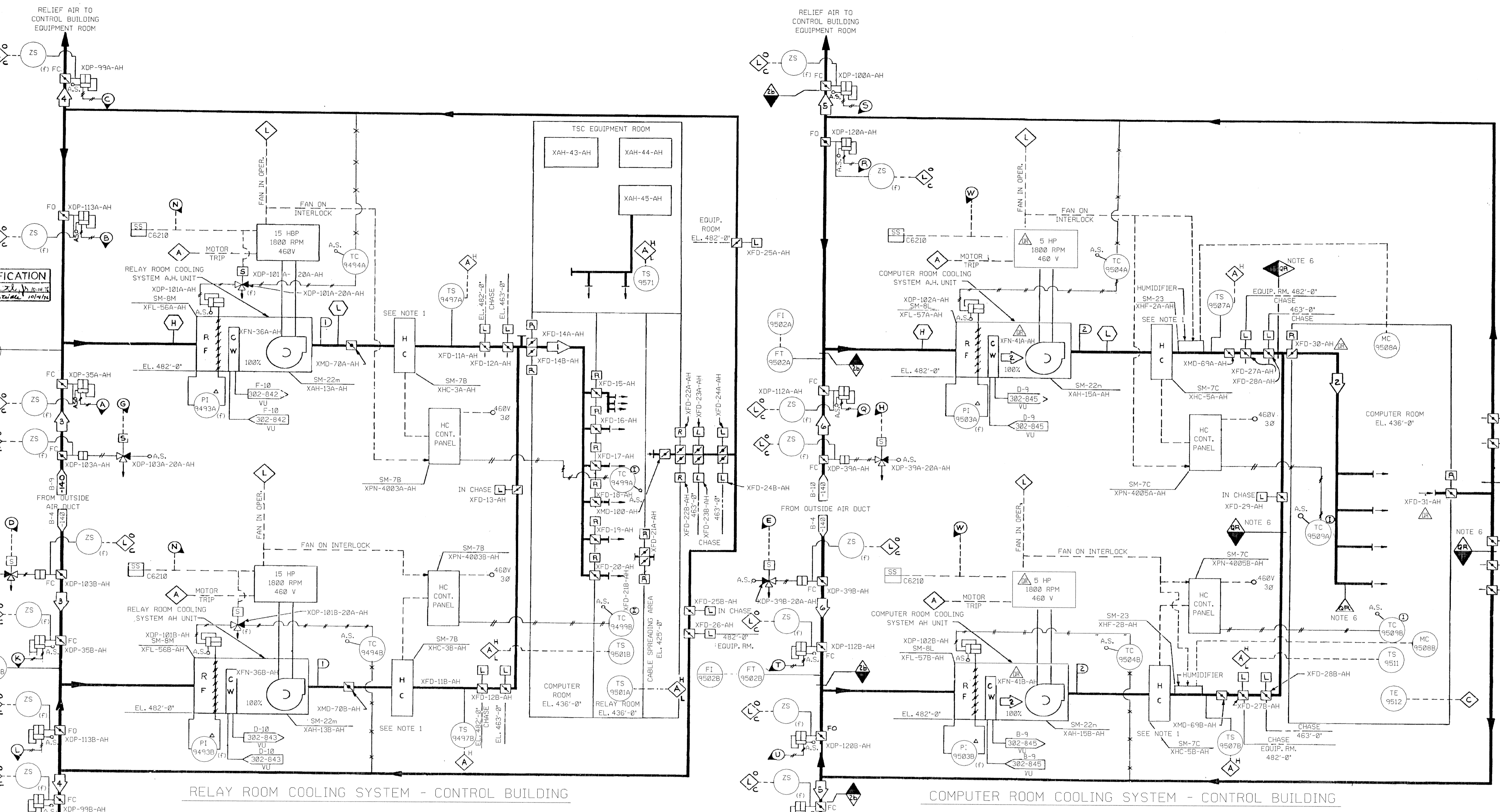


SYSTEM OPERATION DATA		
	AIR FLOW CFM	AIR TEMP. ° F
1	9500	58
2	3400	55
3	95	19/95
4	95	75/85
5	680	75/85
6	680	19/95

SAFETY CLASS VERIFICATION
 ORIGINATED BY: [Signature]
 REVIEWED BY: [Signature]

SYSTEM DESIGN DATA		
P	AIR FLOW CFM	
1	9500	
2	3400	
3		
4		



RELAY ROOM COOLING SYSTEM - CONTROL BUILDING

COMPUTER ROOM COOLING SYSTEM - CONTROL BUILDING

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

ESSENTIAL

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

FSAR Figure 9.4-2
 SOUTH CAROLINA ELECTRIC & GAS COMPANY
 VIRGIL C. SUMNER NUCLEAR STATION
 BUILDING SERVICE SYSTEM FLOW DIAGRAM
 RELAY AND COMPUTER ROOM COOLING SYSTEM

DESIGN ENGINEERING	ACI	RHM	DJC
DESIGN CHECK			
CHECKED			
DATE			
NO.	DATE	BY	REVISION

D-912-136