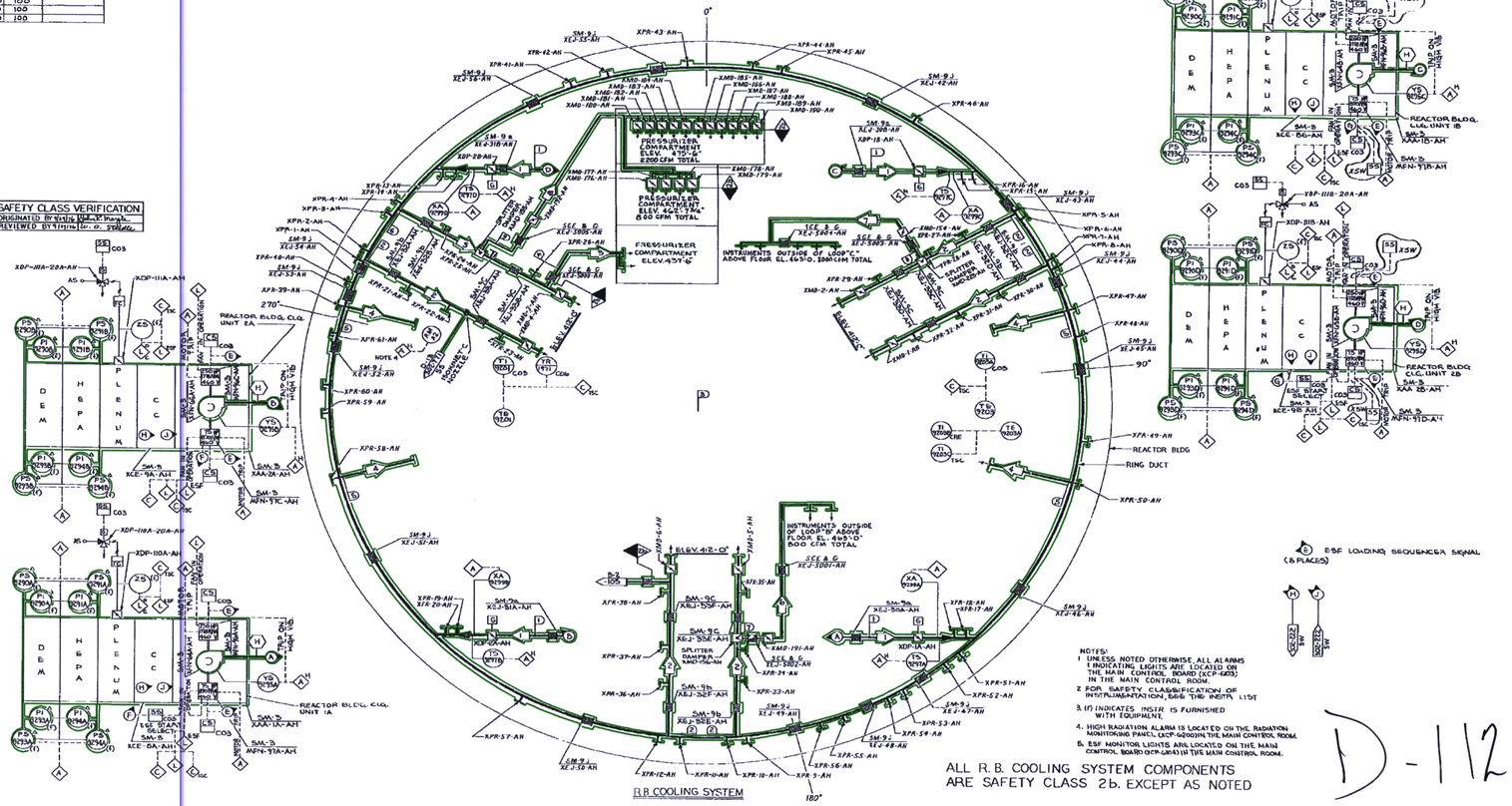
SYSTEM OPERATING DATA			
	NATION AIR FLOW ACFM	UNIT	
1	10,000	100	
2	58,160	100	
3	5,200	100	
4	5,800	100	
5	58,200	100	
6	800	100	
7	2,000	100	
8	3,030	100	

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



ESF LOADING SEQUENCER SIGNAL (8 PLACES)

NOTES:
1. UNLESS NOTED OTHERWISE, ALL ALARMS INDICATING LIGHTS ARE LOCATED ON THE MAIN CONTROL BOARD (XCP-6403) IN THE MAIN CONTROL ROOM.
2. FOR SAFETY CLASSIFICATION OF INSTRUMENTATION, SEE THE INSTR. LIST
3. (F) INDICATES INSTR IS FURNISHED WITH EQUIPMENT.
4. HIGH RADIATION ALARM IS LOCATED ON THE RADIATION MONITORING PANEL (XCP-6200) IN THE MAIN CONTROL ROOM.
5. ESF MONITOR LIGHTS ARE LOCATED ON THE MAIN CONTROL BOARD (XCP-6403) IN THE MAIN CONTROL ROOM.

ALL R.B. COOLING SYSTEM COMPONENTS ARE SAFETY CLASS 2b. EXCEPT AS NOTED

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9	8,000	100	810	—
8	2,000	100	840	—
7	800	100	218	—
6	58,200	100	19,140	
5	5,000	100	1600	—
4	5,800	100	1100	
3	57,000	100	22,140	
2	5,010	100	19,540	—
1	25,000	100	63,700	
	AIR FLOW (CFM)		HEAT LOAD (BTU/HR)	
	NORMAL		EMERGENCY	

SYSTEM DESIGN DATA

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

PLEX Drawing TR00160-002
PLEX Drawing TR00160-007

SOUTH CAROLINA ELECTRIC & GAS COMPANY
VIRGIL C. SUMMER NUCLEAR STATION
BUILDING SERVICE SYSTEM FLOW DIAGRAM
R.B. COOLING SYSTEM
DESIGN ENGINEERING
V.C. SUMMER NUCLEAR STATION JENKINSVILLE, S.C.
D-912-102
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NO.	DATE	BY	REVISION	CKD. BY	APPROVAL