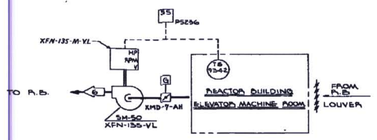
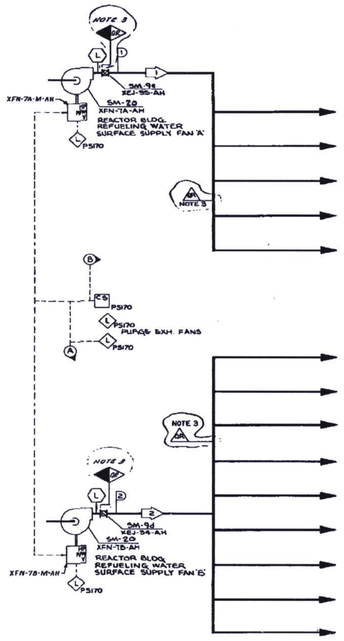
SYSTEM OPERATING DATA			
ID	AIR FLOW ACFM	AIR TEMP °F	
1	1600	60-120	
2	2880	60-120	
3	13,500	60-120	
4	7,000	90	
5	7,000	95	
6	2670	60-120	
7	3,500	89-95	



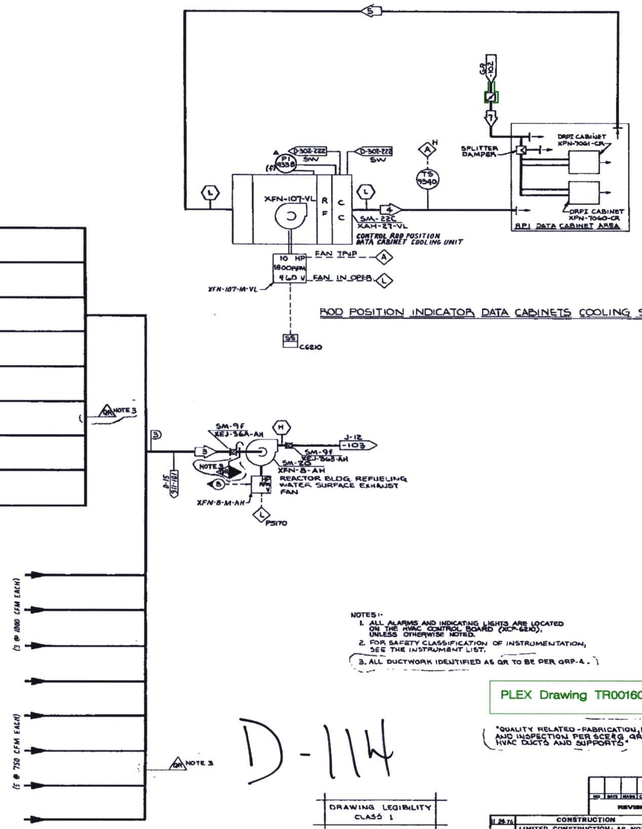
REACTOR BUILDING ELEVATOR MACHINE ROOM EXHAUST FAN
N.N.S.



REACTOR BUILDING REFUELING WATER SURFACE SYSTEM

(A) REACTOR BLDG. PURGE EXHAUST FAN XFN-138-AH OR XFN-138-AH MUST BE RUNNING TO ALLOW THE REFUELING WATER SURFACE FANS TO OPERATE

REFUELING CANAL



ROD POSITION INDICATOR DATA CABINETS COOLING SYSTEM

NOTES:-
1. ALL ALARMS AND INDICATING LIGHTS ARE LOCATED ON THE HVAC CONTROL BOARD (XCP-6210), UNLESS OTHERWISE NOTED.
2. FOR SAFETY CLASSIFICATION OF INSTRUMENTATION, SEE THE INSTRUMENT LIST.
3. ALL DUCTWORK IDENTIFIED AS QR TO BE PER QRP-4.

PLEX Drawing TR00160-007

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

D-114

DRAWING LEGIBILITY CLASS 1

THE ENTIRE SYSTEM IS NON NUCLEAR SAFETY.

SYSTEM DESIGN DATA			
5	7,000	95	
4	7,000	90	
3	13,500	60-120	
2	2880	60-120	
1	1600	60-120	
ID	AIR FLOW ACFM	AIR TEMP °F	

REVISIONS						
DATE	REVISION	DWN	DSGN	CHKD	APPROVED	
8-26-76	CONSTRUCTION					
4-23-76	LIMITED CONSTRUCTION: AS NOTED					
4-13-76	PRELIMINARY NOT FOR CONSTRUCTION					
	BIDDING PURPOSES					
4-13-76	FOR CLIENT APPROVAL					
DATE	RELEASED FOR					ENGR.

SOUTH CAROLINA ELECTRIC & GAS COMPANY

VIRGIL C. SUMMER NUCLEAR STATION — UNIT #1

BUILDING SERVICE — SYSTEM FLOW DIAGRAM

R.B. REFUELING WATER SURFACE SYSTEM

GILBERT ASSOCIATES, INC. ENGINEERS AND CONSULTANTS

DRAWING NO.				REV
04	4461	D-912-105		9

R B REFUEL M SUR SYS