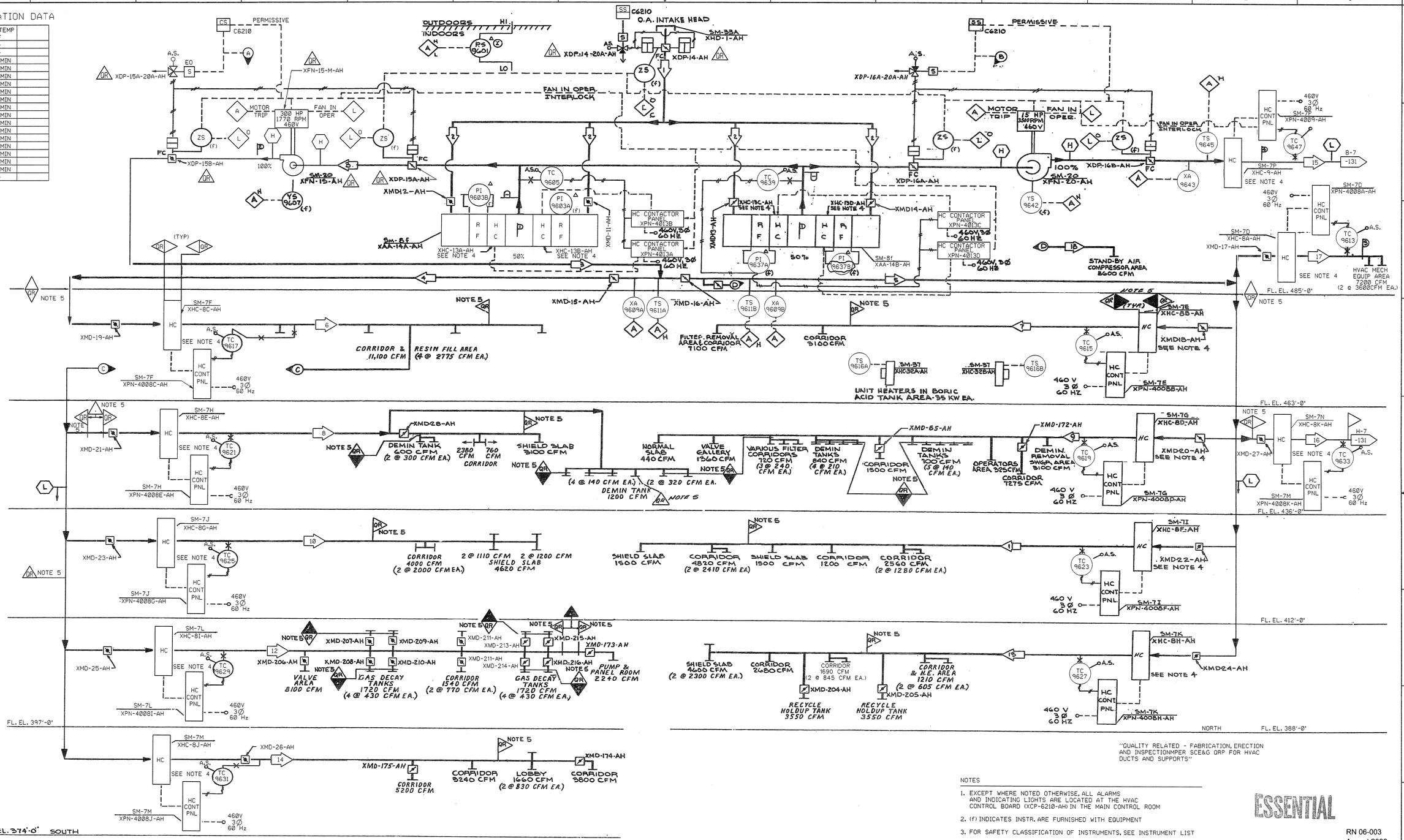
G:\Working\OnDeck\3541\912115_0001.dgn
djl4998 07-FEB-2006 15:14

SYSTEM OPERATION DATA

	AIR FLOW CFM	AIR TEMP °F	
1	143,000	-	
2	35,750	-	
3	137,000	50° MIN	
4	56,980	50° MIN	
5	80,020	50° MIN	
6	11,100	65° MIN	
7	10,200	65° MIN	
8	8,040	65° MIN	
9	16,260	65° MIN	
10	8,620	65° MIN	
11	11,580	65° MIN	
12	15,320	65° MIN	
13	17,280	65° MIN	
14	13,900	65° MIN	
15	6,000	65° MIN	
16	17,500	65° MIN	
17	7,200	65° MIN	
18	3,600	-	



SYSTEM DESIGN DATA

	AIR FLOW CFM	AIR TEMP °F	
1	80,000	50° MIN	
2	147,000	50° MIN	
3	-	65° MIN	
4	6,000	65° MIN	

(1 PLACE) (A) XFN-17A-AH OR XFN-17B-AH MUST BE RUNNING TO ALLOW XFN-15-AH TO RUN

(1 PLACE) (B) XFN-23A-AH OR XFN-23B-AH MUST BE RUNNING TO ALLOW XFN-20-AH TO RUN

1/4"= 1'-0" (0' 5' 10' 15' 20')

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

NOTES

1. EXCEPT WHERE NOTED OTHERWISE, ALL ALARMS AND INDICATING LIGHTS ARE LOCATED AT THE HVAC CONTROL BOARD (XCP-6210-AH) IN THE MAIN CONTROL ROOM
2. (f) INDICATES INSTR. ARE FURNISHED WITH EQUIPMENT
3. FOR SAFETY CLASSIFICATION OF INSTRUMENTS, SEE INSTRUMENT LIST
4. HEATING COIL INCLUDES OVERTEMP AND LOW FLOW PROTECTIVE DEVICES
5. ALL DUCTWORK IDENTIFIED AS QR TO BE PER QRP-4
6. ALL EQUIPMENT IDENTIFIED AS QR TO BE PER TRP-31

ALL SYSTEM COMPONENTS ARE NON NUCLEAR SAFETY

ESSENTIAL

RN 06-003
August 2006

DRAWING LEGIBILITY CLASS 1
SCE&G CAD ENHANCED

NO.	DATE	BY	REVISION	CKD. BY	LE APPROVAL
19	1/31/06	DDJ	REVISED PER ECR-70777	MGR	STC
18	10/02/01	DDJ	REVISED PER ECR-70028	MGR	DDJ
17	04/20/93	JMH	REVISED PER CGSS-93-0328	DVW	GAA

FSAR Figure 9.4-6

SOUTH CAROLINA ELECTRIC & GAS COMPANY

VIRGIL C. SUMMER NUCLEAR STATION

BUILDING SERVICE - SYSTEM FLOW DIAGRAM

AUX. BUILDING MAIN SUPPLY SYS.

FLOW DIAGRAM

DESIGN ENGINEERING
A SCANA COMPANY — V. C. SUMMER NUCLEAR STATION JENKINSVILLE, S. C.

MADE	CHECKED	LE APPROVAL
1. JMH	2. DVW	3. GAA

SCALE: NO SCALE

D-912-115 — DRAWING NUMBER — SHT. NUMBER 19 — REV.