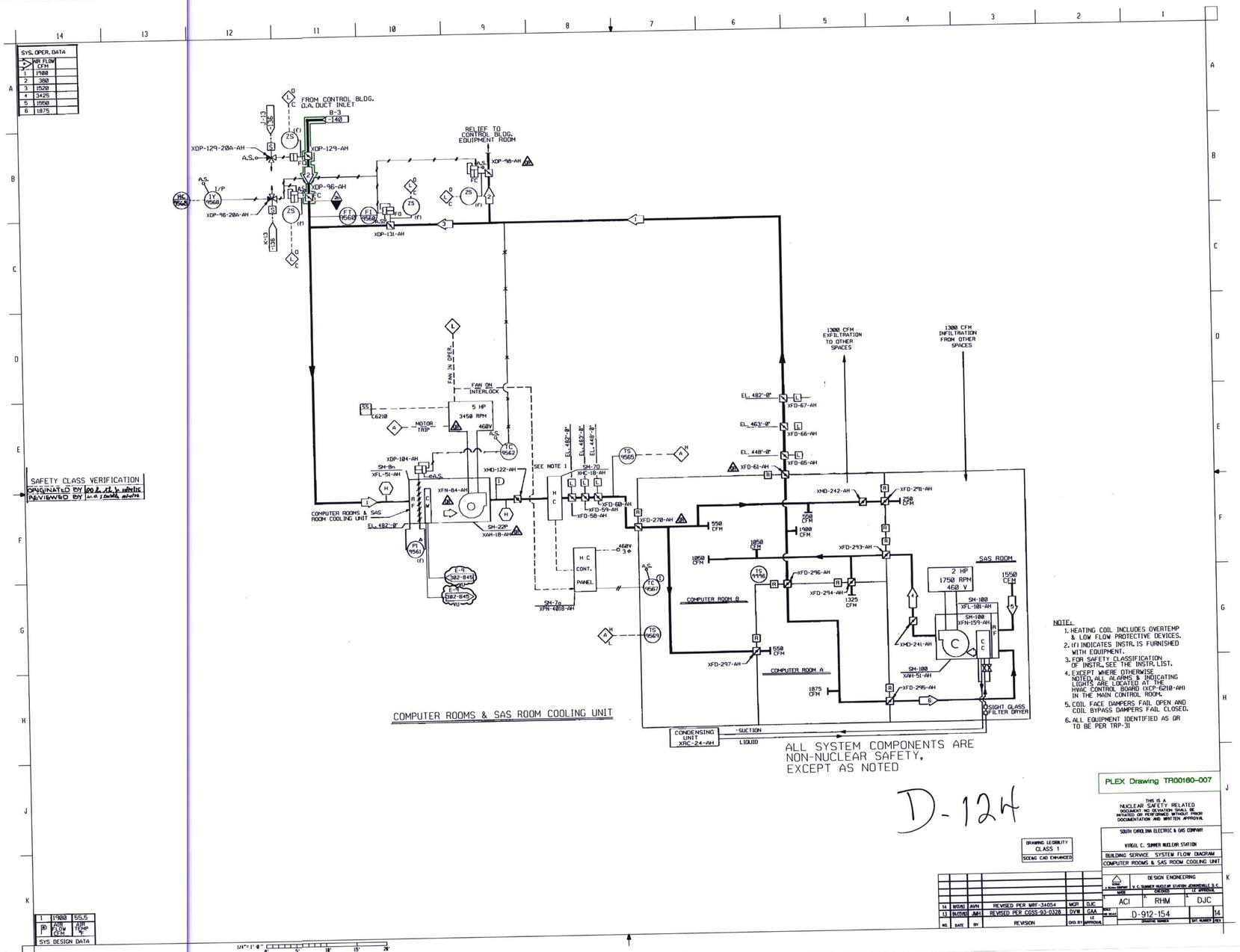

SYS. OPER. DATA
AIR FLOW CFM
1 1900
2 380
3 1520
4 3425
5 1550
6 1875
FROM CONTROL BLDG. O.A. DUCT INLET
B-3
RELIEF TO CONTROL BLDG. EQUIPMENT ROOM
XDP-129-20A-AH
XDP-129-AH
XDP-96-AH
XDP-96-20A-AH
XDP-131-AH
XDP-98-AH
FAN IN OPER.
FAN ON INTERLOCK
5 HP
3450 RPM
460V
MOTOR TRIP
XDP-104-AH
SM-8a
XFL-51-AH
XFN-84-AH
XMD-122-AH
SEE NOTE 1
SM-70
XHC-18-AH
XFD-60-AH
XFD-59-AH
XFD-58-AH
SM-22P
XAH-18-AH
COMPUTER ROOMS & SAS ROOM COOLING UNIT
EL. 482'-0"
H C CONT. PANEL
SM-7a
XPN-4018-AH
1300 CFM EXFILTRATION TO OTHER SPACES
1300 CFM INFILTRATION FROM OTHER SPACES
EL. 482'-0"
EL. 463'-0"
EL. 448'-0"
XFD-67-AH
XFD-66-AH
XFD-65-AH
XFD-61-AH
XMD-242-AH
XFD-291-AH
250 CFM
XFD-270-AH
550 CFM
1900 CFM
1050 CFM
XFD-293-AH
SAS ROOM
2 HP
1750 RPM
460 V
1550 CFM
XFD-296-AH
XFD-294-AH
1325 CFM
COMPUTER ROOM B
SM-100
XFL-101-AH
SM-100
XFN-159-AH
XMD-241-AH
XFD-297-AH
COMPUTER ROOM A
SM-100
XAH-51-AH
XFD-295-AH
1875 CFM
SIGHT GLASS FILTER DRYER
CONDENSING UNIT XRC-24-AH
SUCTION
LIQUID
COMPUTER ROOMS & SAS ROOM COOLING UNIT
ALL SYSTEM COMPONENTS ARE NON-NUCLEAR SAFETY, EXCEPT AS NOTED
D-124
SAFETY CLASS VERIFICATION
ORIGINATED BY
REVIEWED BY
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
PLEX Drawing TR00160-007
THIS IS A NUCLEAR SAFETY RELATED DOCUMENT NO DEVIATION SHALL BE INITIATED OR PERFORMED WITHOUT PRIOR DOCUMENTATION AND WRITTEN APPROVAL
SOUTH CAROLINA ELECTRIC & GAS COMPANY
VIRGIL C. SUMMER NUCLEAR STATION
BUILDING SERVICE SYSTEM FLOW DIAGRAM
COMPUTER ROOMS & SAS ROOM COOLING UNIT
DRAWING LEGIBILITY CLASS 1
SCE&G CAD ENHANCED
DESIGN ENGINEERING
V. C. SUMMER NUCLEAR STATION JENKINSVILLE S.C.
ACI
RHM
DJC
D-912-154
14
REVISED PER MRF-34054
REVISED PER CGSS-93-0328
1 1900 55.5
AIR FLOW CFM
AIR TEMP °F
SYS DESIGN DATA