



- NOTES:**
1. CONTAMINATED AREAS WHICH ARE TYPICAL OF NOTE 1 ARE AS FOLLOWS:
- A. ALL PIPE CHASES
  - B. C-3 & R-10 HEAT EXCHANGER ROOMS
  - C. ALL FILTER AND HEAT EXCHANGER ROOMS NOT LISTED IN NOTE 1
  - D. WASTE DRESSING AREA
  - E. RESPIRATOR CHARGING PUMP ROOMS
  - F. CENTRIFUGAL CHARGING PUMP ROOMS
  - G. S-1 PUMP ROOMS
2. CONTAMINATED AREAS WHICH ARE TYPICAL OF NOTE 2 ARE AS FOLLOWS:
- A. FUEL POOL COOLING HEAT EXCHANGER ROOMS
  - B. LET-DOWN HEAT EXCHANGER ROOMS
  - C. ALL FILTER AND HEAT EXCHANGER ROOMS NOT LISTED IN NOTE 1
  - D. VOLUME CONTROL TANK ROOMS
  - E. BOMB ACID TANK ROOMS
  - F. WASTE GAS TANK ROOM
  - G. SAMPLING ROOMS
  - H. HYDROGEN RECOMBINER ROOMS
  - I. WASTE GAS COMPRESSOR ROOMS
  - J. URINE AND SETTLING TANK ROOMS
  - K. URINE AND SETTLING TANK PUMP ROOMS
  - L. SPLIT RESS STORAGE TANK ROOMS
  - M. URINE AND HOT SHOWER TANK ROOMS
  - N. C-3 AND R-10 PUMP ROOMS
3. NON-CONTAMINATED AREAS TYPICAL OF NOTE 3 ARE ALL AREAS IN AUX BLDG THAT ARE NOT POTENTIALLY CONTAMINATED AND ARE NOT SERVED BY OTHER VENTILATION SYSTEMS.
4. AIR FLOW VALVES REPRESENT THE TOTAL AIR FLOW FOR ALL AREAS WITH THAT CONFIGURATION.
5. DANGER! DO NOT OPEN VALVE D-3 WHEN CLOSED TO ISOLATE THE ELEVATION 733.4 OF B-2 SECTION. ISOLATION ROOM FROM 1.1.1. BREAK EFFECTS. SEE MC-15100-707 SHEET 17.

**NORMAL OPERATING FLOW RATES**

1	18,250 CFM	24,800 CFM
2	18,250 CFM	25,200 CFM
3	42,500 CFM	15,130 CFM
4	24,810 CFM	
5	1,685 CFM	
6	20,040 CFM	
7	1,890 CFM	
8	1,685 CFM	
9	880 CFM	
10	400 CFM	
11	120 CFM	
12	400 CFM	
13	400 CFM	
14	650 CFM	
15	1315 CFM	
16	9,025 CFM	
17	14,685 CFM	
18	12,910 CFM	
19	4,235 CFM	
20	7,025 CFM	
21	12,330 CFM	
22	36,500 CFM	
23	2,110 CFM	
24	850 CFM	
25	1,230 CFM	
26	45 CFM	

PRO APERTURE 100

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**REVISIONS**

NO.	REV. PER	DATE	BY	CHKD	APPR	DATE	REASON
1	REV. PER CO# 1577-1-10	10/2/57	...	...	...	...	...
2	REV. PER CO# 1577-1-11	10/2/57	...	...	...	...	...
3	REV. PER CO# 1577-1-12	10/2/57	...	...	...	...	...
4	REV. PER CO# 1577-1-13	10/2/57	...	...	...	...	...
5	REV. PER CO# 1577-1-14	10/2/57	...	...	...	...	...
6	REV. PER CO# 1577-1-15	10/2/57	...	...	...	...	...
7	REV. PER CO# 1577-1-16	10/2/57	...	...	...	...	...
8	REV. PER CO# 1577-1-17	10/2/57	...	...	...	...	...
9	REV. PER CO# 1577-1-18	10/2/57	...	...	...	...	...
10	REV. PER CO# 1577-1-19	10/2/57	...	...	...	...	...
11	REV. PER CO# 1577-1-20	10/2/57	...	...	...	...	...
12	REV. PER CO# 1577-1-21	10/2/57	...	...	...	...	...
13	REV. PER CO# 1577-1-22	10/2/57	...	...	...	...	...
14	REV. PER CO# 1577-1-23	10/2/57	...	...	...	...	...
15	REV. PER CO# 1577-1-24	10/2/57	...	...	...	...	...
16	REV. PER CO# 1577-1-25	10/2/57	...	...	...	...	...
17	REV. PER CO# 1577-1-26	10/2/57	...	...	...	...	...
18	REV. PER CO# 1577-1-27	10/2/57	...	...	...	...	...
19	REV. PER CO# 1577-1-28	10/2/57	...	...	...	...	...
20	REV. PER CO# 1577-1-29	10/2/57	...	...	...	...	...
21	REV. PER CO# 1577-1-30	10/2/57	...	...	...	...	...

**GA CONDITION 1**

DUKE POWER COMPANY  
 NUCLEAR STATION UNIT 1  
 FLOW DIAGRAM  
 AUXILIARY BUILDING  
 VENTILATION SYSTEM (VA)

SCALE: 1/4" = 1'-0"

DWG. NO. MC-1577-1

71

11

8.5

8.5

11

17

71

11

8.5

8.5

11

17

**RIDS**

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