DWG. NO. CN-1577-1.3 REV. 6

FILTERED EXHAUST VA B-2 CN-1577-1.2
16,030 CFM
FC 1ABF-D-16
22,570 CFM
FILTERED EXHAUST VA B-7 CN-1577-1.2
FILTERED EXHAUST VA B-8 CN-1577-1.2
21,445 CFM
FC 2ABF-D-18
15,190 CFM
FC 2ABF-D-16
FILTERED EXHAUST VA B-13 CN-1577-1.2
LO-36 1ABF-D-15
SI
38,620 CFM
VA J-2 CN-1577-1.1
1ABF-D-17 LO-36
2ABF-D-17 LO-36
36,625 CFM
VA J-13 CN-1577-1.1
LO-36 2ABF-D-15
1VATH 7930 VS
1VATH 7900 VS
1VATE 8410 VS
1VATE 8400 VS
1VAPO 7940 VS
031 PRHDS-1A NOTE 2
MOISTURE ELIMINATOR
SEE NOTE 4
6
1VATH 7900 VS
2VATH 7900 VS
2VATH 7950 VS
1VATH 7900 VS
1VATE 8430 VS
1VATE 8420 VS
1VAPO 7990 VS
032 PRHDS-1B NOTE 2
MOISTURE ELIMINATOR
SEE NOTE 4
6
2VATE 8430 VS
2VATE 8420 VS
2VAPO 7990 VS
018 PRHDS-2B NOTE 2
MOISTURE ELIMINATOR
SEE NOTE 6
6
2VATH 7930 VS
2VATH 7900 VS
2VAPO 7940 VS
017 PRHDS-2A NOTE 2
MOISTURE ELIMINATOR
2VATE 8410 VS
2VATE 8400 VS
SEE NOTE 5
6
6540 CFM
6540 CFM
SEE NOTE 1
6260 CFM
SEE NOTE 1
6260 CFM
1VAFE 5270 VS
AFM
1ABFX-AFMD-3
VA I-5 CN-1577-1.1
TO EMF-41 POINT 1
1VAFE 5260 VS
AFM
1ABFX-AFMD-4
VA I-5 CN-1577-1.1
TO EMF-41 POINT 2
2VAFE 5260 VS
AFM
2ABFX-AFMD-4
VA I-5 CN-1577-1.1
TO EMF-41 POINT 8
2VAFE 5270 VS
AFM
2ABFX-AFMD-3
VA I-5 CN-1577-1.1
TO EMF-41 POINT 7
EL. 577' +0"
EL. 560' +0"
EL. 543' +0"
EL. 522' +0"

Train 1A
1190 CFM
SHUTDOWN PANEL AREA RM. #252 NOTE 3
SHUTDOWN PANEL AREA RM. #253 NOTE 3
CENT. CHG. PUMP RM. #231
CENT. CHG. PUMP RM. #232
S.I. PUMP RM. #234
S.I. PUMP RM. #235
350 CFM
380 CFM
280 CFM
210 CFM
Train 1B
1190 CFM
Train 2A
1190 CFM
S.I. PUMP RM. #244
S.I. PUMP RM. #245
CENT. CHG. PUMP RM. #240
CENT. CHG. PUMP RM. #241
218 CFM
288 CFM
358 CFM
Train 2B
1190 CFM
SHUTDOWN PANEL AREA RM. #263 NOTE 3
SHUTDOWN PANEL AREA RM. #262 NOTE 3
Train 1A
5350 CFM
C.S. PUMP RM. #102
C.S. PUMP RM. #103
R.H.R. PUMP RM. #104
R.H.R. PUMP RM. #105
PIPE CHASE OPEN AREA 113
220 CFM
228 CFM
428 CFM
308 CFM
4138 CFM
Train 1B
5350 CFM
Train 2A
5070 CFM
PIPE CHASE OPEN AREA 113
R.H.R. PUMP RM. # 110
R.H.R. PUMP RM. # 109
C.S. PUMP RM. # 108
C.S. PUMP RM. # 107
3918 CFM
380 CFM
420 CFM
228 CFM
220 CFM
Train 2B
5070 CFM
EL. 543' +0"
EL. 522' +0"

6
ABANDONED COMPONENT REMOVED
65 OF VOLUME 67 PAGES

UNIT 1
AUXILIARY BUILDING
UNIT 2

NOTES:
1. STAND-BY SYSTEM DURING EMERGENCY OPERATION.
2. FOR DRAING, SEE DWG. CN-1565-1.7.
3. FOR DETAIL, SEE DWG. CN-1577-1.8.
4. ABANDONED PER NSM CN-11288.
5. ABANDONED PER NSM CN-20683.
6

NO.	REVISIONS	DRN	DATE	CHKD	DATE	APPR	DATE
6	REV PER CE-70473 IMP. DATE 10-24-00	VDC	10-31 00	CLI	10-31 00	RGW	11-2 00
5	REV PER CE-9411 (3-12-98)	VDC	3-25 98	AEC	3-26 98	RGW	3-31 98
4	REV PER CN-20683/00 (10-13-95)	EDS	10-18 95	BJL	10-22 95	RGW	10-22 95
3	REV PER CN-11288/00 (3-14-95)	EDS	3-24 95	AEC	3-26 95	KLE	3-30 95
2	REV PER CN-1577-1.3 C007 & 08	WLP	7-27 94	PMW	7-27 94	RRW	7-27 94
1	REV PER CN-1577-1.3 C001 THRU 06			PMW	5-24 94	HAS	6-24 94
ORIG.	APPROVED AND RELEASED			RRW	—	HAS	8-29 77

REV. | REK | DSA | ARL
REV. | REK | DHH | JKR
REV. | REK | DLS | ARL
REV. | REK | CLH | —
REV. | DLC | REH | REC
REV. | — | MEF | —
REV. | — | IEM | —
INSPECTED: CIVIL | ELEC. | MECH.

QA CONDITION 1

DUKE POWER COMPANY
CATAWBA NUCLEAR STATION UNITS 1&2

FLOW DIAGRAM OF
AUXILIARY BUILDING
VENTILATION SYSTEM (VA)

DESIGNER PD MOSS DATE 8-29-77 — INSP. TC McMEEKIN DATE 9-1-77
DRAWN DR GASKEY DATE 8-29-77 — INSP. WAIVED DATE
CHECKED RR WEIDLER DATE 8-29-77 — APPR. HA SMITH DATE 9-7-77
SCALE — DWG. NO. CN-1577-1.3 — REV. 6

ERN: CN000HQ1

D-04