DRAWING NO. HBR2-6933LR
SHEET 1 OF 1

8 7 6 5 4 3 2 1

G F E D C B A

2-CP-151R-31
151R 152R
BLIND FLANGED DURING NORMAL OPERATION
DEMIN HALL
V12-65
POST ACCIDENT HYDROGEN RECOMBINER SKID, INSTALLED IN NEW FUEL HANDLING ROOM - DURING POST ACCIDENT SITUATION ONLY
PA-H2-RECOMB-SKID
BLIND FLANGED DURING NORMAL OPERATION
1½-NS-152N-185
NS-HBR2-8606 SH. 2 (E-8)
152R 151R
PI 772A
PCV 773A
PIC 773A
V12-61
V12-23A
V12-16
V12-31A
FC
V12-15
V12-22A
2ND FLOOR HALLWAY AUX. BUILDING
BIT ROOM
PIPE ALLEY
3-CP-151N-2
151N 152N
V12-17
FT 778A
V12-27
V12-28
FLOW SENSOR
FE 778A
TI 774A
3-CP-152N-4
2ND FLOOR HALLWAY AUX. BLDG.
BIT ROOM
PIPE ALLEY
HVAC
NC FC
V12-11
S-21
3-CP-151N-1
INSIDE CONTAINMENT
V12-14
CONTAINMENT AIR EXHAUST "A"
V12-10
2-CP-152R-32
PI 771
V12-32
2-CP-151N-8
V12-43
V12-33
3½-CP-12B
AIR FROM PACV "A" PANEL ½" CU. TUBING
FILTER UNIT "A"
NOTE 1
F-43B F-43A
HVAC
TO PACV "A" & "B" PANEL HEPA FILTER DRAFT GAGE
TO PACV "A" PANEL FLOW CONTROL PRESS. REG.
NOTE 1
V12-66
PIPE ALLEY
V12-63
152R 151R
PI 772B
PCV 773B
PIC 773B
V12-23B
V12-20
V12-31B
FC
151N 152N
V12-21
FT 778B
V12-29
V12-30
FLOW SENSOR
FE 778B
TI 774B
BIT ROOM
2ND FL. HALLWAY AUX. BLDG.
2ND FLOOR HALLWAY AUX. BLDG.
BIT ROOM
TO PACV "A" & "B" PANEL HEPA FILTER DRAFT GAGE
NO
F-44A F-44B
NO
PP-239C
FILTER UNIT "B"
3-CP-152N-5
V12-18
S-46
V12-19
V12-22B
D
1-CP-151N-6
PP-238C
CONTAINMENT AIR EXHAUST "B"
3-CP-151N-3
PIPE ALLEY
2ND FLOOR HALLWAY AUX. BLDG.
PP-PP SUPPLY G-190261R SH. 4, DETAIL "H"
PP-PP SUPPLY G-190261 SH. 4, DETAIL "H"
PIPE ALLEY 2ND FLR. HALLWAY AUX. BLDG.
3/8-CP-18A
3/8-CP-18
V12-15A
3/8-CP-18B
3/8-CP-17
V12-14A
3/8-CP-17A
PAV-31A
PAV-32
PAV-31
S-31
POST ACCIDENT H2 VENTING
PAV-35A
PAV-35
PAV-36
3/8-CP-16A
3/8-CP-17B
3/8-CP-16
V12-24C
3/8-CP-16B
V12-24A
NC
IA-398
3/8-CP-12A
BIT ROOM
2ND FLOOR HALLWAY AUX. BLDG.
"A" CONTAINMENT VESSEL VENT PANEL
3/8-CP-28
PI 775B
PI 775A
PAV-42
PAV-40
PRV 776B
PRV 776A
PAV-39
3/8-CP-19
3/8-CP-11
1-CP-18
3/8-CP-14
V12-19A
3/8-CP-12
3/8-CP-12B
S-12
INSTR. AIR
PCV 1715
NO
NC
IA-525
IA-244
IA-183
INSTR. AIR
PAV-33A
PAV-33
PAV-34
S-31
3/8-CP-13A
V12-18A
3/8-CP-13
3/8-CP-13B
3/8-CP-14
3/8-CP-9
3/8-CP-11
POST ACCIDENT VENTING
PAV-37A
PAV-37
PAV-38
S-31
3/8-CP-14A
V12-24D
3/8-CP-14B
3/8-CP-15
PIPE ALLEY 2ND FLR. HALLWAY AUX. BLDG.
3/8-CP-15A
V12-25A
3/8-CP-15B
3/8-CP-12B
"B" CONTAINMENT VESSEL VENT PANEL
PIPE ALLEY 2ND FLR. HALLWAY AUX. BLDG.
PIPE ALLEY
SA-88
NO FO
V12-25
STATION AIR
STATION AIR
S-25
SA-44
SA-43
SA-42
BOTTLED NITROGEN SEE NOTE 2

REFERENCE DRAWINGS & CALCULATIONS:

FLOW DIAGRAM LEGEND & SYMBOLS	HBR2-7063LR
POST ACCIDENT HYDROGEN SYSTEM SCREENING CALC.	RNP-L/LR-0110

CALC. RNP-L/LR-0121
ATTACHMENT 24
REV. 1
PAGE 1 OF 1

INITIAL ISSUE AS REVISION 10.

CAROLINA POWER & LIGHT CO.
H.B. ROBINSON S.E. PLANT
UNIT - NO. 2 HARTSVILLE, SC

POST ACCIDENT CONTAINMENT VENTING AND H_2 RECOMBINER SYSTEM FLOW DIAGRAM

VENDOR NO. | SIZE E | DRAWING NO. HBR2-6933LR
SCALE NONE | SHEET 1 OF 1

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