DRAWING NO. G-190199LR SHEET 6 OF 13

REFERENCE DRAWINGS & CALCULATIONS:
FLOW DIAGRAM LEGEND & SYMBOLS HBR2-70963LR
SERVICE WATER SYSTEM SCREENING CALC. RNP-L/LR-0137

S&CW-SW SUPPLY G-190199LR SH. 8 (C-1)
S&CW-SW SUPPLY G-190199LR SH. 8 (C-1)
S&CW- G-190199LR SH. 9 (G-8)
S&CW- G-190199LR SH. 5 (B-4)
S&CW-HVH IN RHR PIT G-190199LR SH. 18 (F-7)
S&CW-SW RETURN G-190199LR SH. 5 (F-1)
S&CW-HVH-6 G-190199LR SH. 5 (F-1)
S&CW-HVH-6 G-190199LR SH. 5 (E-1)
S&CW- G-190199 SH. 5 (D-1)
S&CW- G-190199 SH. 5 (E-3)
S&CW- G-190199LR SH. 5 (B-2)
LWD-COOLING TOWER 5379-928 SH. 5 (B-8)
HVAC- G-190384 SH. 2 (D-2)
HVAC- G-190384 SH. 3 (F-2)
HVAC- G-190384 SH. 2 (E-2)

3-CW-158
6-CW-85A
6-CW-89
4-CW-112 (NOTE 4)
4X2 4-CW-157A
2-CW-157
4-CW-112
2-CW-159
SW-83
6-CW-159
6-CW-86A
2-CW-148
SW-93
AUX. BLDG. HALLWAY 1ST FLR. EL. 226' 8"
AUX. BLDG. 2ND FLR. EL. 246' 8"
PI 1642
1-CW-151N-287
1-CW-151N-288
6-CW-88
6-CW-87
3-CW-154
2-CW-148A
SW-94
2-CW-483
SW-466
PI 6616 A
SW-592
2-CW-278
SW-502
PETCOCK VALVES
SW-96
F
NEUTRALITE FILTER
6-CW-86A
PI 6616 B
SW-591
SW-593
1-CW-484
SW-467
SW-95
DH
2-CW-151N-277
SW-478
SS1
SW-92
SW-88
6-CW-85A
6-CW-87
SW-555
D
TT 1638 B
TT 1638 A
'A'
½-CW-151N-388
6614 A
½-CW-151N-452
SW-551
SW-553
DIESEL AIR DRYERS
1½
SW-552
SW-554
½-CW-151N-451
½-CW-151N-453
6614 B
'B'
SW-556
D
DIESEL GENERATOR ROOM – CLASS I
4-CW-269
SW-89
SW-91
TCV 1661
6X4
SW-98
WATER JACKET HEAT EXCHANGER 'B'
LUBE OIL COOLER 'B'
AIR COOLER 'B'
PI 1626 B
SW-266
DIESEL GENERATOR 'B'
WATER JACKET HEAT EXCHANGER 'A'
SW-85
6X4
4-CW-268
TCV 1658
SW-87
LUBE OIL COOLER 'A'
6X4
SW-86
AIR COOLER 'A'
PI 1626 A
SW-265
DIESEL GENERATOR 'A'
OUTSIDE AUX. BLDG.
SW-2337
SW-2272
SW-2168
1-CW-151N-275
2-CW-151N-148B
2X1
SW-773
1-CW-151N-273
SW-774
SW-779
SW-785
SW-786
SW-788
EV-6645
EV-6646
EV-6647
1-CW-151N-271
1-CW-151N-446
SW-776
SW-885
PI 6664
SW-782
SW-887
PI 6666
SW-788
SW-889
PI 6668
S-21
SW-886
PI 6665
1-CW-151N-444
S-22
SW-888
PI 6667
1-CW-151N-445
S-23
SW-818
PI 6669
SW-777
SW-783
SW-789
FI-6664
FI-6666
FI-6668
SW-778
SW-784
SW-798
1½X1
1½-CW-151N-447
1½-CW-151N-448
1½X1
1½X1
AUX. BLDG. 2ND FLR. EL. 246' 8"
2-CW-151N-278
1-CW-151N-482
HOSE CONN.
SW-2276
½-CW-151N-449
½-CW-151N-481
SW-2278
AS-2277
½-AS-282
SW-2277
AUX. BOILER 'C' SAMPLE COOLER

CALC. RNP-L/LR-0121
ATTACHMENT 5
REV. 0
PAGE 6 OF 10

INITIAL ISSUE AS REVISION 39.

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

TITLE
SERVICE & COOLING WATER SYSTEM FLOW DIAGRAM

VENDOR NO. | SIZE E | DRAWING NO. G-190199LR
SCALE NONE | SHEET 6 OF 13

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