SHEET 3 OF 3
DRAWING NO. G-1902040LR

FO-AUX. BOILER'S FUEL OIL PUMPS G-1902840LR SH. 1 (C-2)

FO- DIESEL OIL STORAGE TANK G-1902040 SH. 2 (E-9)

UNDERGROUND

NO. 2 UNLOADING STATION

2-FO-35 FO-63

FUEL OIL USAGE TOTALIZER

FO-64 2X1 RED FO-65 2X1 RED

FO-288

FO-67 FO-66 FO-68 FO-69

2-FO-21

6-FO-16

4-FO-9 FO-59 FO-60 FO-61 FO-62 4-FO-8

FO-54 L.C. 6X4

4-FO-24 FO-55 FO-56 FO-57 FO-58 4-FO-16

FO-51

PI 4626 FO-52

2-FO-13 FO-50

4-FO-19 4-FO-12 4X2 FO-46 FO-47

4-FO-17

FUEL OIL UNLOADING PUMP NO.2

TRUCK UNLOADING CONNECTION

FO-166 FO-165 FO-164 FO-45 4-FO-10

NO. 2 UNLOADING STA. UNDERGROUND

2-FO-11 FO-167

UNDERGROUND UNIT 1 COAL UNLOADING STA.

4-FO-7

1-FO-18 FO-48 FO-49

LOCOMOTIVE DIESEL FUEL PUMP

NO. 2 UNLOADING STATION UNDER-GROUND UNIT 1 COAL UNLOADING STATION

"TO VERTICAL T.G. TURBINE LIGHTING OIL TANK"

I.C. TURBINE HORIZONTAL LIGHTING OIL TANK

FO-1A FO-2A FO-3A FO-5

FROM BOILER

MAEVE OIL INCINERATION SYSTEM(DWG. NSH-2000)

I.C. TURBINE STARTING ENGINE TANK

FO-152A

I.C. TURBINE EMERGENCY GENERATOR TANK

FO-150A FO-151A

LIGHTING OFF OIL SYSTEM(DWG. G-1902840)

FO-19 FO-28 FO-18A FO-17A FO-16A

TO UNIT 1 I.C. TURBINE

2-FO-31 FO-81 FO-80 2X1½ FO-79 ¼" 2X1½

I.C. TURBINE TRANSFER PUMP

DUPLEX FILTER

3-FO-30

FO-153A

VEHICLE DIESEL FUEL PUMP FO-78

DUPLEX STRAINER

PI 125 FO-4A

PDC 4643 PRESSURE ACTUATED VALVE FO-82 FO-83

1½-FO-33

2-FO-32

P1 146 FO-12 FO-13A FO-14A FO-15A FO-11

P1 144 FO-6A FO-7A FO-9A FO-8A FO-10 FO-5A

A B

LIGHTING OFF OIL PUMPS

NO. 2 UNLOADING STATION

UNDERGROUND PIPING ABANDONED IN PLACE. ENDS CAPPED AND WELDED SHUT.

NO. 1 UNLOADING STATION

4-FO-3

SAMPLE FO-40

4-FO-1 TRUCK UNLOADING CONNECTION

FO-41 FO-39

4-FO-6

3-FO-4

PI 4629 FO-149A ½ x ¼

FO-44 FO-43

4-FO-2

FUEL OIL UNLOADING PUMP NO. 1

FO-42

2-FO-5

FO-53

NO. 2 UNLOADING STA. UNDERGROUND

4-FO-34

UNDERGROUND OIL TANK FARM

4-FO-58

FO-149A LIT 521

UNDERGROUND OIL TANK FARM

FO-15

4X3

2-FO-55

4-FO-59

FLAME ARRESTOR

I.C. TURBINE OIL STORAGE TANK NO.1

FO-86 OVERFLOW FO-10 FO-198

FO-72 4X3 FO-71

4-FO-23 4-FO-22

FO-70 4X3

FLAME ARRESTOR

I.C. TURBINE OIL STORAGE TANK NO.2

FO-88 FO-89 FO-91

2-FO-57

FO-147A

RETURN FROM I.C. TURBINE

FO-77 4X3 FO-74

2-FO-53

3-FO-26

2-FO-54

3-FO-28

TO I.C. TURBINE HORIZONTAL LIGHTING OIL TANK

FLAME ARRESTOR

VERTICAL I.C. TURBINE LIGHTING OIL TANK

FO-85 FO-163 FO-144A

3-FO-27

4X3 FO-75 FO-145A LIT 6533

FO-91 FO-198

4X3 FO-73

3-FO-29

FLAME ARRESTOR

I.C. TURBINE OIL STORAGE TANK NO.3

2-FO-56

FO-76 4X3 FO-87 FO-14

FO-72 4X3

FO-146A FO-189

UNDERGROUND OIL TANK FARM

REFERENCE DRAWINGS & CALCULATIONS:

FLOW DIAGRAM LEGEND & SYMBOLS	HBR2-7863LR
FUEL OIL SYSTEM SCREENING CALC.	RNP-L/LR-Ø117

CALC. RNP-L/LR-Ø121
ATTACHMENT 1Ø
REV. 1
PAGE 3 OF 3

INITIAL ISSUE AS REVISION 0.

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

TITLE: FUEL OIL SYSTEM FLOW DIAGRAM

VENDOR No | SIZE E | DRAWING No. G-1902040LR

SCALE NONE | SHEET 3 OF 3

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