TO ATMOS
LO V28150
LO V28151
REACTOR AUXILIARY BUILDING
TURBINE BLDG
FROM INST. AIR
TO CONDENSER 1B
FC FCV-28-1
V28152
1" DR V28153
V28154
V28155
TO CONDENSER 1B
SC-28-1
V28149
3/4" DR V28148
FROM INST. AIR
FC FCV-28-2
V28147
V28146
V28144
TURBINE BLDG
REACTOR AUXILIARY BUILDING
3/4" V V28143
V28142
V28141
V28169
CCW N HDR SUPPLY
CCW N HDR RETURN
SC-28-2 SAMPLE COOLER
FCV-28-3
CE 28 V28157
PI 28 3 V28158
3/8" DR
FROM ST-16-10 V28165
FROM ST-16-11 V28164
FROM ST-16-12 V28163
FROM ST-16-13 V28162
FROM ST-16-14 V28161
WASTE CONCENTRATOR
BORIC ACID CONCENTRATOR 1A
BORIC ACID CONCENTRATOR 1B
FROM CONC SYSTEM VENT
FROM CONCENTRATOR
FROM FEED PREHEATER
V6915
V6922
V6922A
V6922B
V6815A
V6815B
V6802A
V6802B
V6840A
V6840B
V28117 V28115 S6952 V28116
V28120 V28118 S6902A V28119
V28123 V28122 S6901A V28121
V28126 V28125 S6902B V28124
V28129 V28128 S6901B V28127
V28173
L1/2-GB-8
SR28100
2" 1 1/2"
18"
FROM INST. AIR
1" V V28114
1" VAC RELEASE V28156
PIC 28 V28113
CONDENSATE RECOVERY TANK 1A
V28101
V28167
LS LP-28-1 V28168
V28110
LS 28 1 V28102 V28109 L
LS 28 2 V28103 V28106 H
LS 28 3 V28104 V28107 HH
LS 28 4 V28105 V28108 FL
PS 28 1A H
PI 28 2A
PI 28 2B
PX 28 1A
V28133
V28132
V28170
V28135 V28134 1"
1 1/2" SS-28-1A V28131
CONDENSATE RECOVERY PUMP 1A
V28130
YX 28 1
2" DR V28112
PS 28 1B H
PI 28 2B
V28138
V28140 V28139 1"
1 1/2" SS-28-1B V28136
CONDENSATE RECOVERY PUMP 1B
PI 28 3B
V28137
PX 28 1B V28171
V28111
3/4" DR V28160
FROM DEMIN WTR SYS
CONDENSATE RECOVERY SYSTEM

SL-S5 EL 31.5' HS 15 26 V15615
SN-S8 EL 19.5' HS 15 27 V15616
1" DR V15611
SJ-S7 EL 31.5' HS 15 22 V15610
3/4" DR V15608
1" V V15607
SAV-S2 EL 19.5' HS 15 18 V15604
SD-S1 EL 19.5' HS 15 17 V15603
SE-S1 EL 19.5' HS 15 16 V15602
FROM PLANT FIRE HDR
LO V15637
LO V15630
TO WAREHOUSE & WAREHOUSE EXT BY GRINNELL
V15613 HS 15 24 SK-S1 EL 31.5'
V15614 HS 15 25 SK-S1 EL 19.5'
V15612 HS 15 23 SJ-S5 EL 19.5'
V15609 HS 15 21 SG-S8 EL 19.5'
V15605 SE-S8 EL 19.5'
V15606 HS 15 20 SG-S8 EL 19.5'
V15601 HS 15 15 SH-S1 EL 31.5'
3/4" DR V15600
SERVICE BUILDING FIRE PROTECTION SYSTEM

TO CC WTR SURGE TANK 1-CCW-01 (E5)
V152036 HS 15 60 RA1-RA4 EL. 62.0'
V151000
V152033 HS 15 59 RAD-FH6 EL. 19.5'
V152032 HS 15 58 RAZ EL. 43.0'
V152034
V152035
V152037
V152031
RAG & RA3 EL 19.5' HS 15 40 V15658
RAL & RA2 EL 43.0' HS 15 32 V15646
RAK & RA2 EL 19.5' HS 15 34 V15680
V15657
V15647
V15643
V15642
FROM PLANT FIRE HDR 1-FP-02 (F5)
RAK & RA3 EL -0.5' HS 15 43 V15638
V15639
V15671
COL RAJ & RA3
V15655 HS 15 31 RA1 & RA3 EL 43.0'
V15653
V15654
V15651 HS 15 45 RAL & RA5 EL 43.0'
V15649
V15652
V15644
V15645 HS 15 33 RAJ & RA4 EL 19.5'
RAJ & RA5 EL -0.5'
SEE NOTE 1
TO SPRINKLERS AT EQUIPMENT HATCH
V15085
V15084
V15087
TO CABLE LOFT SPR SYS
SEE NOTE 1
V152046
V152045
RAG & RA3 EL -0.5' HS 15 28 V15641
V15670
COL RAD & RA3
V15664 HS 15 37 RAG & RA3z EL 43.0' (H&V RM)
V15666 HS 15 36 RAC & RA3 EL 43.0'
V15668 HS 15 35 RAD & RA4 EL 43.0'
V15662 HS 15 39 RAC & RA3 EL 19.5'
V15660 HS 15 38 RAA & RA4 EL 19.5'
1 1/2" VT V152049
FS 15 4
V15085
SH152050
1" DR
TO SPRINKLERS AT EAST STAIRWAY RAC & RA4 EL 19.5'
TO SPRINKLERS AT EAST STAIRWAY RAC & RA4 EL 19.5'
TO SPRINKLERS AT EAST STAIRWAY RAC & RA4 EL -0.5'
TO SPRINKLERS AT EAST STAIRWAY RAC & RA4 EL -0.5'
TO SPRINKLERS AT EAST STAIRWAY RAC & RA4 EL -0.5'
TO SPRINKLERS AT EQUIPMENT HATCH RAC & RA4 EL -0.5'
SEE NOTE 1
FROM PLANT FIRE HDR 1-FP-02 (E5)
SEE NOTE 1
RAC & RA3z EL -0.5' HS 15 41 V15670
REACTOR AUXILIARY BUILDING FIRE PROTECTION SYSTEM

A-5 OPER FL HS 15 4 V15628
B-5 MEZZ FL HS 15 5 V15627
B-5 GRND FL HS 15 6 V15626
V152039
V152040
A-11 OPER FL HS 15 7 V15623
B-11 MEZZ FL HS 15 8 V15624
B-11 GRND FL HS 15 9 V15625
V152041
V152044
A-17 OPER FL HS 15 10 V15635
D-16 GRND FL HS 15 11 V15622
L-16 OPER FL HS 15 12 V15620
L-14 GRND FL HS 15 13 V15621
V152042
L-17 MEZZ FL HS 15 14 V15619
K-16z MEZZ FL HS 15 57 V15648
K-9 OPER FL HS 15 1 V15636
L-8 MEZZ FL HS 15 2 V15631
L-8 GRND FL HS 15 3 V15632
PS 15 4 SH15629
V152043
V15633
LO V15634
TO TURB LUBE OIL FIRE PROTECTION SYSTEMS A & 2B SEE NOTE 1
FROM PLANT FIRE HDR 1-FP-02 (F4)
TO TURB LUBE OIL FIRE PROTECTION SYSTEM 1B SEE NOTE 1
LO V15617
PLUGGED V15618
FROM PLANT FIRE HDR 1-FP-02 (F5)
TURBINE BUILDING FIRE PROTECTION SYSTEM

NOTES:
1. LICENSE RENEWAL BOUNDARY CONTINUES ONTO VENDOR DRAWING AND INCLUDES ASSOCIATED FIRE PROTECTION PRESSURE BOUNDARY COMPONENTS.
2. FOR GENERAL NOTES & LEGEND SEE DRAWING NO. 1-NOTES-01.

D-041

FLORIDA POWER & LIGHT
ST. LUCIE NUCLEAR UNIT 1

FIRE PROTECTION

LICENSE RENEWAL BOUNDARY DRAWING

DRAWING NUMBER 1-FP-04
REVISION 0

1FP04.DWG