



L-2000-176

SEP 8 2000

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D.C. 20555

Re: Turkey Point Units 3 and 4  
Docket Nos. 50-250 and 50-251  
License Renewal Boundary Drawings

Florida Power and Light Company (FPL) has prepared the attached license renewal boundary drawings to aid in the NRC staff review of the Application for Renewed Operating Licenses for Turkey Point Units 3 and 4 (Application), submitted separately. These drawings indicate mechanical system evaluation boundaries for license renewal, and are appropriately referenced within the Application. These drawings, however, are not considered to be part of the Application.

The attachment includes a drawing list and 142 drawings. Per FPL Letter L-2000-169 to NRC, dated August 8, 2000, ten (10) copies of the attachment are provided for the staff's use.

If you have any questions, please contact E. A. Thompson at (305) 246-6921.

Very truly yours,

R. J. Hovey  
Vice President  
Turkey Point Plant

RJH/EAT/rsc<sup>Rsc</sup>

Attachment (Drawing List and License Renewal Boundary Drawings)

cc:

USNRC Document Control Desk (10 copies)

Chief, License Renewal and Standardization Branch (w/o)  
Project Manager - Turkey Point License Renewal (w/o)  
Regional Administrator, Region II, USNRC (w/att)  
Senior Resident Inspector, USNRC, Turkey Point Plant (w/att)

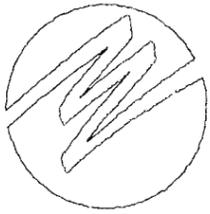
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**INDIVIDUAL IMAGE FILES  
WERE CREATED OF EACH  
OVERSIZED DRAWING  
CONTAINED IN THIS  
DOCUMENT.**

**REFERENCE THE DRAWING  
NUMBERS LISTED ON THE  
INDEX FORM THAT  
IMMEDIATELY FOLLOWS  
THIS IMAGE.**

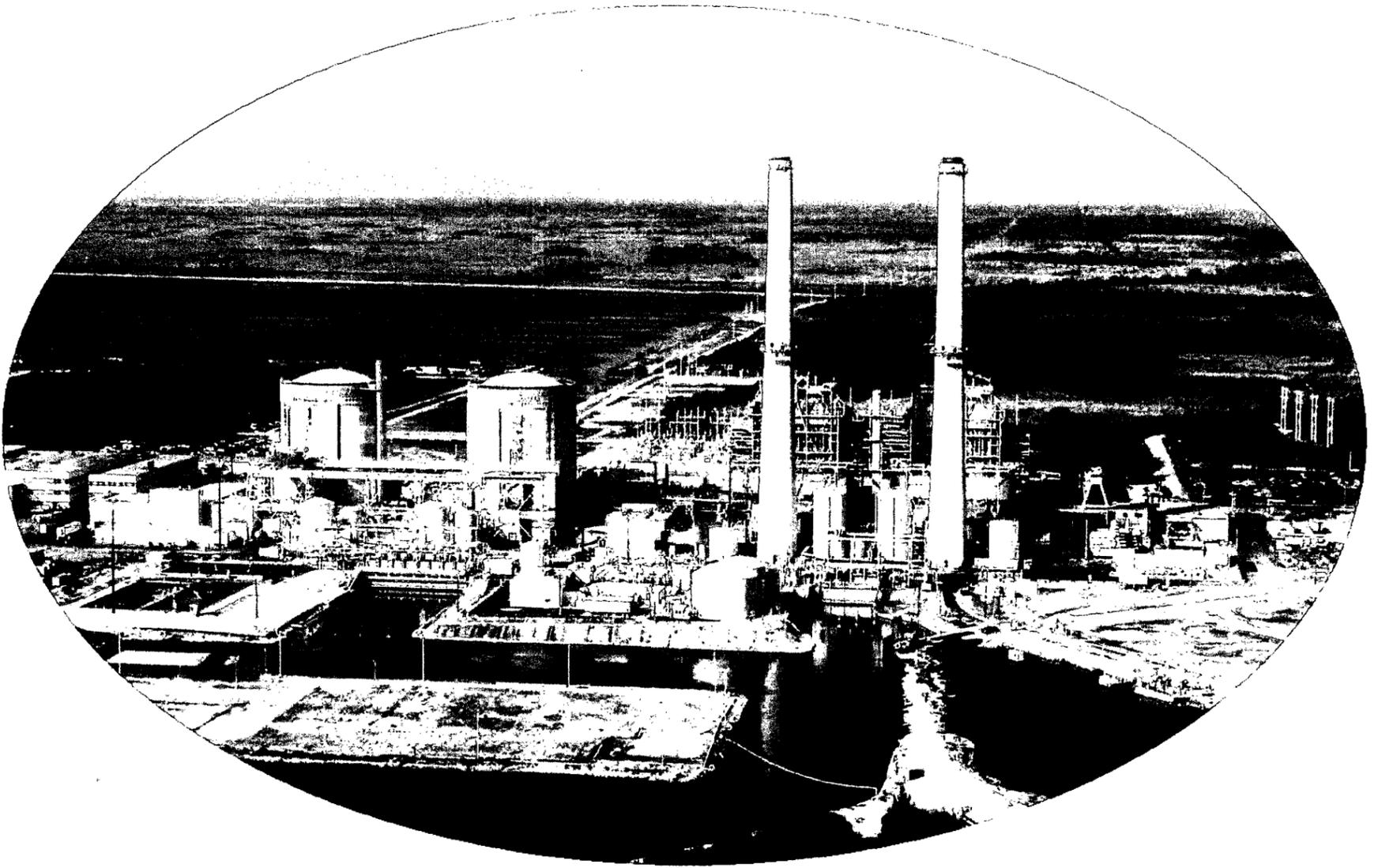
**DRAWING FILES ARE LISTED  
BY DRAWING NUMBERS IN  
THE DOCUMENTS PACKAGE  
CONTENTS.**

**NOTE: Because of this page's large file size, it may be more convenient to copy the file to a local drive and use the Imaging (Wang) viewer, which can be accessed from the Programs/Accessories menu.**



**FPL**

# **LICENSE RENEWAL BOUNDARY DRAWINGS**



## **TURKEY POINT UNITS 3 & 4**

TURKEY POINT UNITS 3 & 4  
LICENSE RENEWAL BOUNDARY DRAWINGS

**DRAWING LIST**

| DRAWING NUMBER | REVISION | TITLE   |
|----------------|----------|---|
| 0-NOTES-01     | 0        | Legend and General Notes  |
| 0-ABVAC-01     | 0        | Auxiliary Building Ventilation  |
| 0-ABVAC-02     | 0        | Auxiliary Building Ventilation  |
| 0-AFW-01       | 0        | Auxiliary Feedwater   |
| 0-AFW-02       | 0        | Auxiliary Feedwater   |
| 3-AFW-01       | 0        | Auxiliary Feedwater   |
| 3-AFW-02       | 0        | Auxiliary Feedwater   |
| 3-AFW-03       | 0        | Auxiliary Feedwater   |
| 4-AFW-01       | 0        | Auxiliary Feedwater   |
| 4-AFW-02       | 0        | Auxiliary Feedwater   |
| 4-AFW-03       | 0        | Auxiliary Feedwater   |
| 3-BA-01        | 0        | Breathing Air   |
| 4-BA-01        | 0        | Breathing Air   |
| 0-CBVAC-01     | 0        | Control Building Ventilation – Control Room HVAC                      |
| 0-CBVAC-02     | 0        | Control Building Ventilation – Computer and Cable Spreading Room HVAC |
| 0-CBVAC-03     | 0        | Control Building Ventilation – DC Equipment/Inverter Rooms HVAC       |
| 3-CCW-01       | 0        | Component Cooling Water   |
| 3-CCW-02       | 0        | Component Cooling Water   |
| 3-CCW-03       | 0        | Component Cooling Water   |
| 3-CCW-04       | 0        | Component Cooling Water   |
| 3-CCW-05       | 0        | Component Cooling Water   |
| 4-CCW-01       | 0        | Component Cooling Water   |
| 4-CCW-02       | 0        | Component Cooling Water   |
| 4-CCW-03       | 0        | Component Cooling Water   |
| 4-CCW-04       | 0        | Component Cooling Water   |
| 3-COND-01      | 0        | Condensate Storage  |
| 4-COND-01      | 0        | Condensate Storage  |
| 3-CP-01        | 0        | Containment Purge and Miscellaneous Penetrations                      |
| 4-CP-01        | 0        | Containment Purge and Miscellaneous Penetrations                      |
| 3-CS-01        | 0        | Containment Spray   |
| 4-CS-01        | 0        | Containment Spray   |
| 0-CVCS-01      | 0        | Chemical and Volume Control   |
| 0-CVCS-02      | 0        | Chemical and Volume Control   |
| 3-CVCS-01      | 0        | Chemical and Volume Control   |
| 3-CVCS-02      | 0        | Chemical and Volume Control   |
| 3-CVCS-03      | 0        | Chemical and Volume Control   |
| 4-CVCS-01      | 0        | Chemical and Volume Control   |
| 4-CVCS-02      | 0        | Chemical and Volume Control   |
| 4-CVCS-03      | 0        | Chemical and Volume Control   |
| 3-E/NCC-01     | 0        | Normal Containment Coolers and Emergency Containment Coolers          |
| 4-E/NCC-01     | 0        | Normal Containment Coolers and Emergency Containment Coolers          |
| 3-ECF-01       | 0        | Emergency Containment Filters   |
| 4-ECF-01       | 0        | Emergency Containment Filters   |
| 3-EDG-01       | 0        | Emergency Diesel Generator – Air Start                                |
| 3-EDG-02       | 0        | Emergency Diesel Generator – Air Start                                |
| 3-EDG-03       | 0        | Emergency Diesel Generator – Fuel Oil                                 |
| 3-EDG-04       | 0        | Emergency Diesel Generator – Fuel Oil                                 |
| 3-EDG-05       | 0        | Emergency Diesel Generator – Lube Oil and Cooling Water               |
| 3-EDG-06       | 0        | Emergency Diesel Generator – Lube Oil and Cooling Water               |
| 4-EDG-01       | 0        | Emergency Diesel Generator – Air Start                                |
| 4-EDG-02       | 0        | Emergency Diesel Generator – Air Start                                |
| 4-EDG-03       | 0        | Emergency Diesel Generator – Fuel Oil                                 |

TURKEY POINT UNITS 3 & 4  
LICENSE RENEWAL BOUNDARY DRAWINGS

**DRAWING LIST**

| DRAWING NUMBER | REVISION | TITLE   |
|----------------|----------|---|
| 4-EDG-04       | 0        | Emergency Diesel Generator – Fuel Oil                   |
| 4-EDG-05       | 0        | Emergency Diesel Generator – Lube Oil and Cooling Water |
| 4-EDG-06       | 0        | Emergency Diesel Generator – Lube Oil and Cooling Water |
| 4-EDVAC-01     | 0        | Emergency Diesel Generator Building HVAC                |
| 0-FP-01        | 0        | Fire Protection   |
| 0-FP-02        | 0        | Fire Protection   |
| 0-FP-03        | 0        | Fire Protection   |
| 0-FP-04        | 0        | Fire Protection   |
| 0-FP-05        | 0        | Fire Protection   |
| 0-FP-06        | 0        | Fire Protection   |
| 0-FP-07        | 0        | Fire Protection   |
| 0-FP-08        | 0        | Fire Protection   |
| 0-FP-09        | 0        | Fire Protection   |
| 0-FP-10        | 0        | Fire Protection   |
| 0-FW-01        | 0        | Feedwater   |
| 0-FW-02        | 0        | Feedwater   |
| 3-FW-01        | 0        | Feedwater   |
| 3-FW-02        | 0        | Feedwater   |
| 3-FW-03        | 0        | Feedwater   |
| 3-FW-04        | 0        | Feedwater   |
| 4-FW-01        | 0        | Feedwater   |
| 4-FW-02        | 0        | Feedwater   |
| 4-FW-03        | 0        | Feedwater   |
| 4-FW-04        | 0        | Feedwater   |
| 0-IA-01        | 0        | Instrument Air  |
| 3-IA-01        | 0        | Instrument Air  |
| 3-IA-02        | 0        | Instrument Air  |
| 3-IA-03        | 0        | Instrument Air  |
| 3-IA-04        | 0        | Instrument Air  |
| 3-IA-05        | 0        | Instrument Air  |
| 3-IA-06        | 0        | Instrument Air  |
| 3-IA-07        | 0        | Instrument Air  |
| 3-IA-08        | 0        | Instrument Air  |
| 3-IA-09        | 0        | Instrument Air  |
| 4-IA-01        | 0        | Instrument Air  |
| 4-IA-02        | 0        | Instrument Air  |
| 4-IA-03        | 0        | Instrument Air  |
| 4-IA-04        | 0        | Instrument Air  |
| 4-IA-05        | 0        | Instrument Air  |
| 3-ICW-01       | 0        | Intake Cooling Water                                    |
| 3-ICW-02       | 0        | Intake Cooling Water                                    |
| 4-ICW-01       | 0        | Intake Cooling Water                                    |
| 4-ICW-02       | 0        | Intake Cooling Water                                    |
| 3-MS-01        | 0        | Main Steam  |
| 3-MS-02        | 0        | Main Steam  |
| 3-MS-03        | 0        | Main Steam  |
| 4-MS-01        | 0        | Main Steam  |
| 4-MS-02        | 0        | Main Steam  |
| 4-MS-03        | 0        | Main Steam  |
| 0-N2H2-01      | 0        | Nitrogen and Hydrogen                                   |
| 0-PAMC-01      | 0        | Containment Post Accident Monitoring and Control        |
| 0-PAMC-02      | 0        | Containment Post Accident Monitoring and Control        |

TURKEY POINT UNITS 3 & 4  
LICENSE RENEWAL BOUNDARY DRAWINGS

**DRAWING LIST**

| DRAWING NUMBER | REVISION | TITLE  |
|----------------|----------|--|
| 3-PAMC-01      | 0        | Containment Post Accident Monitoring and Control |
| 4-PAMC-01      | 0        | Containment Post Accident Monitoring and Control |
| 3-PW-01        | 0        | Primary Water                                    |
| 4-PW-01        | 0        | Primary Water                                    |
| 3-RCS-01       | 0        | Reactor Coolant                                  |
| 3-RCS-02       | 0        | Reactor Coolant                                  |
| 3-RCS-03       | 0        | Reactor Coolant                                  |
| 3-RCS-04       | 0        | Reactor Coolant                                  |
| 4-RCS-01       | 0        | Reactor Coolant                                  |
| 4-RCS-02       | 0        | Reactor Coolant                                  |
| 4-RCS-03       | 0        | Reactor Coolant                                  |
| 4-RCS-04       | 0        | Reactor Coolant                                  |
| 3-RHR-01       | 0        | Residual Heat Removal                            |
| 4-RHR-01       | 0        | Residual Heat Removal                            |
| 3-SAMP-01      | 0        | Secondary Sampling                               |
| 3-SAMP-02      | 0        | Secondary Sampling                               |
| 3-SAMP-03      | 0        | Primary Sampling                                 |
| 4-SAMP-01      | 0        | Secondary Sampling                               |
| 4-SAMP-02      | 0        | Secondary Sampling                               |
| 4-SAMP-03      | 0        | Primary Sampling                                 |
| 3-SFP-01       | 0        | Spent Fuel Pool Cooling                          |
| 4-SFP-01       | 0        | Spent Fuel Pool Cooling                          |
| 3-SI-01        | 0        | Safety Injection                                 |
| 3-SI-02        | 0        | Safety Injection                                 |
| 3-SI-03        | 0        | Safety Injection                                 |
| 4-SI-01        | 0        | Safety Injection                                 |
| 4-SI-02        | 0        | Safety Injection                                 |
| 4-SI-03        | 0        | Safety Injection                                 |
| 3-TBVAC-01     | 0        | Turbine Building Ventilation                     |
| 3-TBVAC-02     | 0        | Turbine Building Ventilation                     |
| 4-TBVAC-01     | 0        | Turbine Building Ventilation                     |
| 4-TBVAC-02     | 0        | Turbine Building Ventilation                     |
| 3-TG-01        | 0        | Turbine Generator                                |
| 4-TG-01        | 0        | Turbine Generator                                |
| 0-WD-01        | 0        | Waste Disposal                                   |
| 0-WD-02        | 0        | Waste Disposal                                   |
| 3-WD-01        | 0        | Waste Disposal                                   |
| 4-WD-01        | 0        | Waste Disposal                                   |