

**Florida Power & Light Company
Biological Plan of Study Implementation
for St. Lucie Plant EPU
Addendum to Final Report
August 2011 – February 2015**

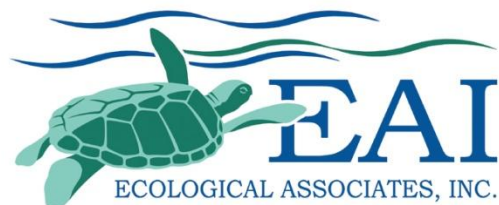
Submitted to

**Florida Power & Light Company
700 Universe Blvd.
Juno Beach, FL 33408**

September 2015

Prepared by

**Ecological Associates, Inc.
Post Office Box 405
Jensen Beach, Florida**



LIST OF CONTENTS

1. St. Lucie BPOS Final Report_2015-04-29: PDF file with Tables 22, 25, 37, 40, 50, 51, 61, 63 revised to show number of samples collected on all pages.
2. St. Lucie Plant EPU Baseline Data Reports: 8 PDF files, one for each baseline data report providing all raw data used in final report.
3. St. Lucie Plant EPU Post-Uprate Event Data Reports: 12 PDF files, one for each post-uprate data report providing all raw data used in final report.
4. Sampling Dates: Excel spreadsheet with dates for all sampling events.
5. Water Quality Data: Excel spreadsheet used for water quality data summaries (Tables 1-20) in Final Report.
6. Sci to Com Names: Excel spreadsheet showing taxonomic hierarchy of all taxa collected during BPOS, as summarized in Table 21 in Final Report.
7. Trawl Num Coll-Meas: Excel spreadsheet used for summarizing number of specimens captured by trawl (Table 22) in Final Report.
8. [Tables 23 and 24 in Final Report are statistical summaries resulting from analysis of trawl data in other tables.]
9. Trawl_Distance Data – Used in combination with number collected per trawl (Table 22) to generate CPUE Tables 25, 26, 28, 31, 35, and 36 in Final Report
10. Table 27 – Derived from RIS species identified in Table 22.
11. Tables 28 and 31 - Use distance data (Table 25) in combination with Table 22 to calculate CPUE for RIS
12. [Tables 29 and 30 in Final Report are statistical summaries resulting from analysis of trawl data in other tables.]
13. Trawl_Length Data: Excel spreadsheet used for summarizing length data of RIS captured by trawl in Table 32 in Final Report.
14. Trawl_Batch Weight Data: Excel spreadsheet used for summarizing weight data of RIS in Tables 33 and 34 in Final Report.
15. Gill Net Num Coll-Meas: Excel spreadsheet used for summarizing number of specimens captured by gill net (Table 37) in Final Report.
16. [Tables 38 and 39 in Final Report are statistical summaries resulting from analysis of gill net data in other tables.]
17. Gill Net_Soak Time: Used in combination with number collected per gill net set (Table 37) to generate CPUE Tables 40, 41, and 43 in Final Report.
18. Table 42 – Derived from RIS species identified in Table 37.
19. [Tables 44 and 45 in Final Report are statistical summaries resulting from analysis of gill net data in other tables.]
20. Gill Net_Length Data: Excel spreadsheet used for summarizing length data of RIS captured by gill net in Table 46 in Final Report.
21. Gill Net_Batch Weight Data: Excel spreadsheet used for summarizing weight data of RIS in Tables 47, 48, and 49 in Final Report.
22. Beach Seine Num Coll-Meas: Excel spreadsheet used for summarizing number of specimens captured by beach seine (Tables 50, 51, 52, and 55) in Final Report.
23. [Tables 53 and 54 in Final Report are statistical summaries resulting from analysis of beach seine data in other tables.]

24. [Tables 56 and 57 in Final Report are statistical summaries resulting from analysis of gill net data in other tables.]
25. Beach Seine_Length Data: Excel spreadsheet used for summarizing length data of RIS captured by beach seine in Table 58 in Final Report.
26. Beach Seine_Batch Weight Data: Excel spreadsheet used for summarizing weight data of RIS in Tables 59 and 60 in Final Report.
27. IP Data: Excel spreadsheet used for summarizing number of ichthyoplankton captured by bongo nets (Tables 61, 62, 68, and 69) in Final Report.
28. IP_Volume Filtered: Used in combination with number of ichthyoplankton captured by bongo net (Table 61) to generate CPUE Tables 63, 64, and 65 in Final Report.
29. [Tables 66 and 67 in Final Report are statistical summaries resulting from analysis of ichthyoplankton data in other tables.]
30. Sea Turtle Data: Excel spreadsheet used for summarizing number of sea turtles sighted during in-water surveys (Table 70) in Final Report.
31. [Tables 71 and 72 in Final Report are statistical summaries resulting from analysis of sea turtle data in other tables.]
32. St. Lucie QAP FINAL: St. Lucie Plant EPU Biological Study Quality Assurance Plan.
33. St. Lucie Uprate Calibration Log Scans: Scans of instrument calibration logs highlighting pre and post sampling calibration results.
34. Lab Sorter QA Scans: Scans of Sorting QA Log highlighting results of QA checks for St. Lucie BPOS ichthyoplankton sorting.
35. QA Info: Excel spreadsheet summarizing sorting and taxonomic QA results.