

100458-EI

EXHIBIT "B"

REDACTED

EDITED VERSION

DOCUMENT NUMBER - DATE

03639 MAY 24 =

FPSC-COMMISSION CLERK

REDACTED

St. Lucie Craft Rates

Staff's 1st DR No. 18 - Attachment No. 1 - 18c CONFIDENTIAL

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Florida Power & Light Company
Docket No. 100459-B
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Attachment No. 1

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B C D E F G H I J K L M N O P Q R S T

Florida Power & Light Company Craft Labor Rates for St. Lucie

Base Hourly Rate	Day Zeman Fee	Union Fringes	FICA	FURSUI	Lib Inc	Gen Comp	Work Comp	Total Straight Time Rate	Premium Portion of Rate	Day Zeman Fee	Union Fringes	FICA	FURSUI	Lib Inc	Gen Comp	Work Comp	Total Over Time Rate	Total Cost for Scheduled Hours	Effective Hourly Rate
			7.05%	6.20%	2.80%													40	

Position:

Boltonmaker General Foreman
Boltonmaker Foreman
Boltonmaker Journeyman

Carpenter General Foreman
Carpenter Foreman
Carpenter

Electrician General Foreman
Electrician Foreman
Electrician

Insulator General Foreman
Insulator Foreman
Insulator

Ironworker General Foreman
Ironworker Foreman
Ironworker

Laborer General Foreman
Laborer Foreman
Laborer

Milwright General Foreman
Milwright Foreman
Milwright

Operating Engineer Gen Foreman
Operating Engineer Foreman
Operating Engineer

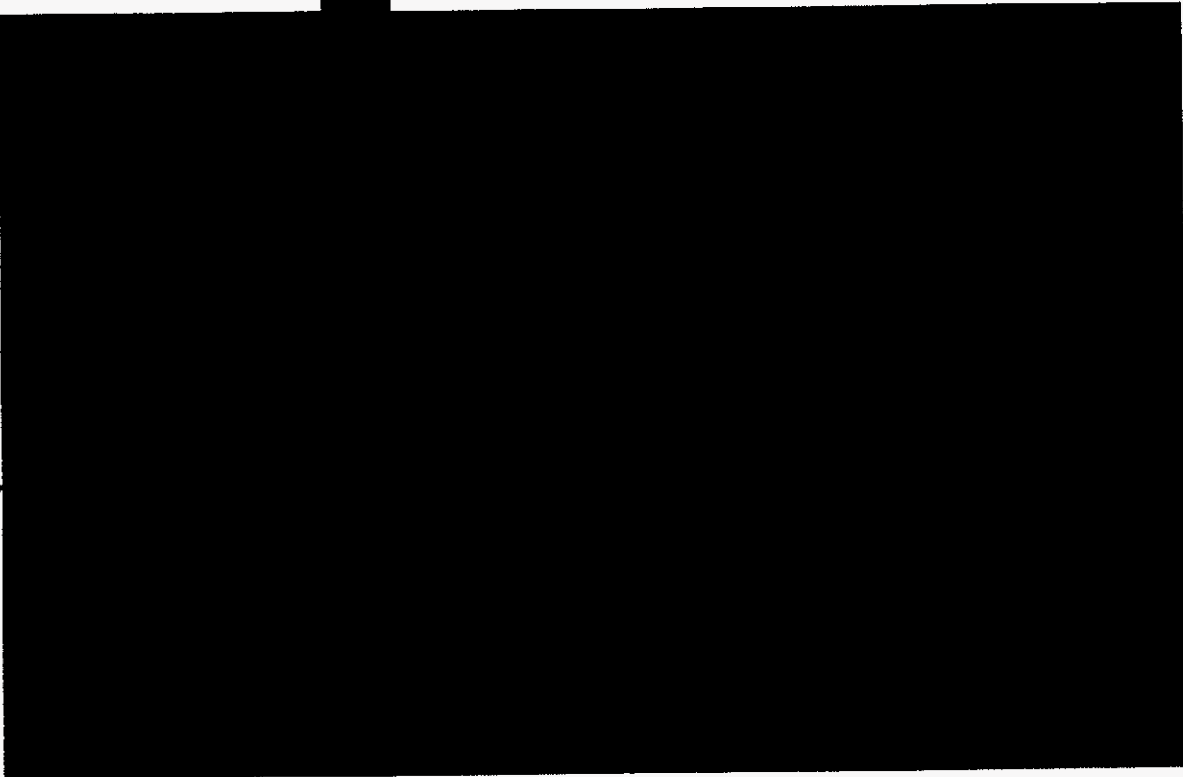
Painter General Foreman
Painter Foreman
Painter

Pipfitter General Foreman
Pipfitter Foreman
Pipfitter

Sheetmetal General Foreman
Sheetmetal Foreman
Sheetmetal Worker

Teamster Foreman
Teamster

Vertical handwritten notes on the left margin, including numbers 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40.



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Wrap Up

Staff's 1st DR No. 18 - Attachment No. 1 - 18c CONFIDENTIAL.xls

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- 1 Florida Power & Light Company
2 Wrap Up and General Liability Insurance
3 2010 Projection

	Job Class	Class Code	Wrap Up Rate per \$100 of Payroll
4	Boilermaker	3726	
5	Carpenters	5403	
6	Ironworkers	5057	
7	Millwrights	3724	
8	Electricians	5190	
9	Painters	5474	
10	Sheetmetal Workers	5538	
11	Insulator, Pipefit, Labor, Teamsters, Operatc	5183	
12	Guards	7720	

For 2010, actuarial studies are now completed by BU and actual premium is charged to each BU based upon their history. Wrap up rates are by contractor specific rates vs. Florida generic rates.

Q.
General

The following questions refer to TLG's Decommissioning Analysis, Section 5.

- a. Do Table 5.1 and Table 5.2 reflect both Turkey Point units and both St. Lucie units combined? If affirmative, please provide these tables separated by unit.
- b. Please provide a comparison of the volume of radioactive waste between the 1998, 2005, and 2010 decommissioning studies.
- c. Please explain the specific causes for the waste volume changes in Class A and Class B waste between the 1998, 2005, and 2010 decommissioning studies.
- d. What is the unit cost per pound (excluding transportation) assumed in the 2010 decommissioning studies for materials considered potentially contaminated and sent to processing facilities in Tennessee for conditioning and disposal?
- e. Where are heavily contaminated components and activated materials assumed in the 2010 decommissioning studies to be routed for controlled disposal?
- f. Please identify the rates per cubic foot used for containerized waste and other large components in the 2010 decommissioning studies.
- g. Please identify the bulk rate assumed for the disposal of demolition debris in the 2010 decommissioning studies.
- h. Do the 2010 studies include a cost for waste shipped for direct disposal? If so, please identify the rate and location. If no, please explain what changed since the 2005 decommissioning studies.
- i. Please identify the average disposal rate used for the disposal costs of Class Band C material in the 2010 decommissioning studies.

A.

- a. Table 5.1 and Table 5.2 reflect the combined waste totals for the two respective units. The volumes are reported by individual unit in the attachment to this response.
- b. A comparison of the volumes of radioactive waste in the 1998, 2005 and 2010 decommissioning cost studies is provided in the attachment to this response.
- c. There were several factors and changes to the cost model since 1998 that resulted in changes to the waste volumes reported, including:
 - Reduction in the chemical decontamination of plant systems in 2004
 - Decrease in the generation of dry active waste (person-hour dependent)
 - Increase in Class A resin as a means of reducing the generation of orphan Class B resin (due to the closure of Barnwell to FPL)
 - Revised projections of installed asbestos quantities
 - Recycling of steam generator steam domes in 2004
 - Revised burial logic for large components from displaced volume (Barnwell criteria) in 1998 to envelope volume (EnergySolutions' criteria) in 2004
 - Recognition of secondary side contamination in Turbine and Condenser in 2004
 - Revised burial logic for the disposition of spent fuel racks from segmentation to intact disposal in 2004
 - Isolation of soil remediation costs from inclusion in Building Decontamination costs
 - Inclusion of significant quantities of potentially contaminated soil/sludge in site remediation (PSL) in 2010
 - Addition of storm drain remediation activities (PSL) in 2010
 - Reduced activation assumptions for ISFSI storage modules
 - Homogenization of Class B reactor vessel clad activation with Class A reactor vessel wall activation (reducing Class B volume) in 2010
 - Addition of contaminated soil from reactor closure head replacement (PTN)
 - Addition of contaminated seaweed (PTN) in 2004
- d. The unit cost per pound (excluding transportation) assumed in the 2010 decommissioning studies for materials considered potentially contaminated and sent to processing facilities in Tennessee for conditioning and disposal is \$2.30.
- e. Please see the responses to Questions No. 31, 32, 33 and 34 for the destination of Class A, B, C and GTCC waste, respectively.

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- 1
2 f. The rates per cubic foot used for containerized waste and other large components, in the 2010 decommissioning studies, are [REDACTED] and [REDACTED], respectively.
- 3
4 g. The bulk rate assumed for the disposal of demolition debris, in the 2010 decommissioning studies, is [REDACTED] per cubic foot, or [REDACTED] per pound.
- 5
6
7 h. Yes. Please refer to the responses to Questions No. 31, 32, 33 and 34 for the destination of Class A, B, C and GTCC waste, respectively, and subparts (f) and (g) to this response for the rates.
- 8
9 i. Please see the response to Question No. 7 for the cost bases for Class B and C low-level radioactive waste,

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1 Q.
2 General

3 Please identify the unit cost used for pricing the internal multi-purpose canister and the
4 horizontal concrete storage module of the ISFSI. Please identify the source for the unit cost.

5 A.

6 The unit costs for the internal dry shielded canister and the horizontal storage module are
7 [REDACTED] and [REDACTED], respectively. The costs are based upon the 2010 contract with
8 Transnuclear.

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1
2 Q.
St. Lucie

3 For the following request, please refer to FP&L's 2010 St. Lucie Nos. 1 & 2 Decommissioning
4 Study, Comparison Report 2004 - 2010, Page 4 of 15. The narrative states that "The cost to
5 dispose of plant systems and structures decreased in the 2010 estimate." Please detail to which
6 plant systems and structures this statement refers.

7 A.

8 The cost to dispose of plant systems and structures decreased in the 2010 estimate as a result in a
9 decrease in the containerized unit waste disposal rate. The unit waste disposal rate in the 2004
10 study was \$3.14 per pound versus [REDACTED] per pound in the 2010 study.

11 Specific plant systems and structures with LLRW Disposal Costs are listed in the following
12 ranges of Document F02-1630-001, Rev.0 Appendix C: Table C-1, Activity Indexes 4a.1.5.1
13 through 4a.1.5.75, 4b.1.2.1 through 4b.1.2.20, 4b.1.4.1 through 4b.1.4.5, 5e.2.1, and Table C-2
14 Activity Indexes 2a.1.5.1 through 2a.1.5.70, 2b.1.1.1 through 2b.1.1.20, 2b.1.3.1 through
15 2b.1.3.4, 2d.1.2.1 through 2d.1.2.4, 2d.1.3.1, and 3e.2.1.