

100009-EI

REDACTED

EXHIBIT B

COMPLETION NUMBER-DATE

6504 AUG-5 9

FPSC-COMMISSION CLERK

Staff Interrogatory 15 - PSL

No.	<p align="center"><u>St. Lucie Units 1 & 2</u> Current proposed equipment additions or modifications (Legislative Format)</p>	Current Nominal Cost Estimate (\$million)	Current Status Planned or Complete	Associated Retirement or Salvage Costs (Yes or No)
1	Replace feedwater regulating valves		Planned	Yes
2	Upgrade main steam isolation valve internals		Planned	No
3	Implement ultrasonic feedwater flow measurement uncertainty recovery		Planned	Yes
4	Upgrade control room habitability systems		Planned	No
5	Modify main steam safety valves and piping			
6	Replace high pressure turbine steam path		Planned	Yes
7	Replace low pressure turbine rotors		Planned	Yes
8	Replace digital electro-hydraulic computer and pumps		Planned	Yes
9	Replace moisture separator reheaters		Planned	Yes
10	Replace high pressure feedwater heaters		Planned	Yes
11	Replace normal and emergency heater drain valves		Planned	Yes
12	Replace flow-accelerated corrosion identified piping			
13	Modify condensers		Planned	No
14	Upgrade circulating water pumps			
15	Upgrade condensate pumps and rewind motors			
16	Upgrade feedwater pumps		Planned	Yes
17	Install heater drain digital controls		Planned	Yes
18	Modify and rescale balance of plant instrumentation and controls		Planned	No
19	Replace electrical generator rotors		Planned	Yes
20	Rewind electrical generator stators		Planned	Yes
21	Rewind electrical generator exciter rotor		Planned	Yes
22	Replace generator hydrogen seal oil skid components		Planned	No
23	Replace generator current transformers and bushings		Planned	Yes
24	Modify isolated phase bus duct cooling systems		Planned	Yes
25	Replace main step-up transformers		Planned	Yes
26	Electrical bus margin upgrades		Planned	No
27	Upgrade simulator		Planned	Yes
28	Turbine Performance Test Points Installation and Monitoring		Planned	No
29	Moisture Separator Drain Control Valves Replacement		Planned	Yes
30	Heater Drain Pump and Motor Replacements		Planned	Yes
31	Main Generator Hydrogen Coolers		Planned	Yes
32	Main Transformer Cooler Upgrade		Planned	Yes
33	Turbine Cooling Water (TCW) Heat Exchanger Replacement		Planned	Yes
34	Turbine Gantry Cranes Upgrade		Planned	Yes
35	Steam Bypass Upgrades		Planned	Yes
36	Containment Mini-Purge		Planned	No
37	Hot Leg Injection Flow Improvements		Planned	No
38	Condensate Pump Replacement		Planned	Yes
39	Containment Spray Pump Flow Impacts (venturi)		Planned	Yes
40	Containment Air Temp Resistance Temperature Detector Replacement- Main Steam Piping		Planned	Yes
41	Digital Control System Modifications for Leading Edge Flow Meter and Feedwater Controls		Planned	No
42	Diesel Oil Storage Tank Operating Margin Modification		Planned	No
43	Extended Power Uprate Piping Vibration Modifications		Planned	Yes
44	Equipment Qualification (EQ) modifications		Planned	No
45	Generator Hot Spots		Planned	No
46	Nuclear regulatory Commission Generic Letter GL2008-01 Chemical Volume Control System (Unit 2 only)		Planned	No
47	Isophase Bus Supports		Planned	No
48	Main Steam, Condensate & Feedwater Pipe Support Modifications		Planned	Yes

Staff Interrogatory 15 - PSL

No.	<p align="center">St. Lucie Units 1 & 2 Current proposed equipment additions or modifications (Legislative Format)</p>	Current Nominal Cost Estimate (\$million)	Current Status Planned or Complete	Associated Retirement or Salvage Costs (Yes or No)
49	<u>Main Steam Safety Valve Lifting Modifications U2</u>		Planned	No
50	<u>Rod Control</u>		Planned	Yes
51	<u>Safety Injection Tank Regual</u>		Planned	No
52	<u>Turbine Lube Oil Lift Pump Motor Replacement</u>		Planned	Yes
53	<u>Umbrella Modifications</u>		Planned	No
54	<u>Feedwater Heater / Drain Cooler Tube inspections</u>		Planned	No
55	<u>Feedwater Heater Nozzle inspections</u>		Planned	No
56	<u>Feedwater Heater Vent Orifice re-size</u>		Planned	No
57	<u>Feedwater Heater-Strengthen partition plates 4A & 4B</u>		Planned	No
58	<u>Generator Environmental Structure</u>		Planned	No
59	<u>Generator Loop Test Trailer</u>		Planned	No
60	<u>Installation of Power System Stabilizer</u>		Planned	No

Staff Interrogatory 15 - PTN

No.	<p style="text-align: center;">Turkey Point Units 3 & 4 Current proposed equipment additions or modifications (Legislative Format)</p>	Current Nominal Cost Estimate (\$million)	Current Status Planned or Complete	Associated Retirement or Salvage Costs (Yes or No)
1	Modify reactor vessel upper internals			
2	Modify pressurizer safety valve piping			
3	Replace steam generator feed rings			
4	Remove emergency containment filters		Planned	yes
5	Install permanent containment chilled water cooling (<u>normal containment cooling modifications</u>)		Planned	yes
6	Install new fast-closing feedwater isolation valves <u>and bypass valves</u> outside containment		Planned	no
7	Replace feedwater regulating valves <u>Feedwater regulating valve trim upgrade</u>		Planned	no
8	Upgrade main steam isolation valve internals <u>Replace main steam isolation valves and check valves</u>		Planned	yes
	<u>Removal main steam flow elements and modify steam pressure input to Digital Control System calorimetric (\$ incl. in mod #8)</u>		Planned	yes
9	Implement ultrasonic feedwater flow measurement uncertainty recovery		Planned	yes
10	Increase auxiliary feedwater pump capacity and condensate storage tank volume <u>Auxiliary feedwater rotating element and pump replacement</u>		Planned	yes
11	Modify turbine plant cooling water and intake cooling water for additional cooling (replace turbine plant cooling water heat exchangers)		Planned	yes
12	Provide alternate spent fuel cooling system		Planned	yes
13	Upgrade control room habitability systems			
	<u>Control room hepa filter upgrade (component of #13)</u>		Planned	no
	<u>Control room ventilation intake modification (component of #13)</u>		Planned	no
14	Modify main steam safety valves and piping <u>Modify main steam safety valves set point changes</u>		Planned	no
15	Modify or add main steam piping supports		Planned	yes
16	Add new jet impingement shields and/or pipe whip restraints			
17	Modify steam dump and atmospheric dump valves and piping			
18	Replace selected main steam piping			
19	Replace high pressure turbine steam path <u>High pressure turbine upgrade</u>		Planned	yes
	Modify high pressure turbine control valves (<u>\$ incl. in mod #19</u>)		Planned	yes
20	Replace turbine controls (<u>digital</u>)		Planned	yes
	<u>Electro hydraulic controls upgrade (\$ incl. in mod #20)</u>		Planned	yes
21	Replace moisture separator reheaters, <u>add timing valves and modify piping connections</u>		Planned	yes
22	Replace high pressure and low pressure feedwater heaters		Planned	yes
23	Replace normal and emergency heater drain piping and valves		Planned	yes
24	Replace flow-accelerated corrosion identified piping		Planned	yes
25	Replace condensers		Planned	yes
	<u>Amertap upgrades (\$ incl. in mod #25)</u>		Planned	yes
26	Upgrade condensate pumps (<u>including motors and minimum flow lines</u>)		Planned	yes
27	Modify/replace feedwater pump thrust bearings <u>Replace main feedwater pump rotating elements and minimum flow recirculation lines</u>		Planned	yes
28	Install feedwater and heater drain digital controls		Planned	yes
29	Modify and rescale balance of plant instrumentation and controls		Planned	no
30	Replace electrical generator rotors		Planned	yes
	Rewind electrical generator stators (<u>\$ incl. in mod #30</u>)		Planned	yes
	Replace generator hydrogen coolers (<u>\$ incl. in mod #30</u>)		Planned	yes
	Modify generator exciter coolers (<u>\$ incl. in mod #30</u>)		Planned	no
	Replace generator current transformers and bushings (<u>\$ incl. in mod #30</u>)		Planned	yes
31	Modify isolated phase bus duct cooling systems		Planned	yes

Staff Interrogatory 15 - PTN

No.	<p style="text-align: center;">Turkey Point Units 3 & 4 Current proposed equipment additions or modifications (Legislative Format)</p>	<p style="text-align: center;">Current Nominal Cost Estimate (\$million)</p>	<p style="text-align: center;">Current Status Planned or Complete</p>	<p style="text-align: center;">Associated Retirement or Salvage Costs (Yes or No)</p>
32	<u>Replace Upgrade main step-up transformer cooler upgrade</u>		Planned	yes
	<u>Switchyard upgrades (\$ incl. in mod #32)</u>		Planned	no
33	<u>Upgrade simulator</u>		Planned	yes
34	<u>Inspect low pressure feedwater heaters with contingency for repairs</u>		Planned	no
35	<u>Upgrade feedwater heater #5 drain piping</u>		Planned	yes
36	<u>Containment aluminum reduction</u>		Planned	no
37	<u>Upgrade turbine gantry crane</u>		Planned	yes
38	<u>Increase inventory of boric acid storage tank</u>		Planned	yes
39	<u>Component cooling water pipe support modifications</u>		Planned	yes
40	<u>Component rerate for heater drain tank, feedwater pump, feedwater heater drains</u>		Planned	no
41	<u>Digital Control System interim change to computer flux map program</u>		Planned	no
42	<u>Extended Power Uprate main steam pressure Low Limit module installation and eagle 21 changes</u>		Planned	no
	<u>Pressurizer setpoint/control/indication changes (\$ incl. in mod #42)</u>		Planned	no
	<u>Secondary instrument setpoint/indication changes (\$ incl. in mod #42)</u>		Planned	no
43	<u>High pressure turbine gland seal steam system upgrades</u>		Planned	yes
44	<u>Steam generator blowdown flow instrumentation</u>		Planned	no
45	<u>Runback and staggered trip signals for condensate, heater drain and main feedwater pumps</u>		Planned	no
46	<u>Pressurizer safety valve setpoint change</u>		Planned	no
47	<u>Modify technical support center for dose reduction</u>		Planned	no
48	<u>Hot leg injection alternate flow path - MOV-869 single point vulnerability</u>		Planned	no
49	<u>Add valve operator extension and handwheel for 3/4-867 valves</u>		Planned	no
50	<u>Gland steam condenser and Steam air ejector pressure rating evaluation and upgrade</u>		Planned	yes
51	<u>High head safety injection pump oil to synthetic</u>		Planned	no
52	<u>Upgrade temporary power system for Extended Power Uprate</u>		Planned	no
53	<u>Install Sodium Tetra-Borate (NaTB) baskets for pH control</u>		Planned	no