

## FPL Turkey Point Uprate Nuclear Power Plant Units 3 4 Compliance Summary

Condition Number	Requirement and Timeframe	Due Date	Agency	Description
IV.B.2	Ongoing through Operations	Ongoing through Operations	FDEP	The Licensee shall hold at the facility, or other location designated by this approval, records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation required by this approval, copies of all reports required by this approval, and records of all data used to complete the application for this approval, <b>These materials shall be retained at least three (3) years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule. The Licensee shall provide copies of these records to the Department upon request.</b> If the Licensee becomes aware of relevant facts that were not submitted or were incorrect in any report to the Department, such facts or information shall be promptly submitted or corrected.
IV.C	Ongoing through Operations	Ongoing through Operations	FDEP	All discharges or emissions authorized herein shall be consistent with the terms and conditions of this certification. The discharge or emission of any pollutant not identified in the application, or more frequently than, or at a level in excess of that authorized herein, shall constitute a violation of the certification. <b>Any anticipated facility expansions, production increases, or process modifications which may result in new, different or increased discharge or emission of pollutants, change in fuel, or expansion in steam generating capacity must be reported by submission of an appropriate application for amendment, certification or modification pursuant to Chapter 403.516, F.S.</b>
IV.D.3	Ongoing through Operations	Ongoing through Operations	FDEP Southeast District Office	If, for any reason, the Licensee does not comply with or is unable to comply with any limitation specified in this certification, the Licensee shall notify the Southeast District Office of the Department by telephone during the working day that said noncompliance occurs. After normal business hours, the Licensee shall report any condition that poses a public health threat to the State Warning Point at telephone number (850) 413-9911 or (850) 413-9912. <b>The Licensee shall confirm this situation to the Southeast DEP District Office in writing within seventy-two (72) hours of becoming aware of such conditions and shall supply the following information:</b> 1. A description of the discharge and cause of noncompliance; and; 2. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and; 3. Step being taken to reduce, eliminate and prevent recurrence of the non-complying event.
IV.F.3	Ongoing through Operations	Ongoing through Operations	SFWMD	The specific terms of the Fifth Supplemental Agreement and the Revised Plan, referenced in Condition X of these Conditions of Certification, shall remain enforceable by the SFWMD by the terms of the Fifth Supplemental Agreement.
IV.N.2	As required for Modifications, Amendments, and Renewals	As required for Modifications, Amendments, and Renewals	FDEP	The certification shall be modified to conform to subsequent DEP-issued amendments, modifications, or renewals of any separately issued Prevention of Significant Deterioration (PSD) permit, Title V Air Operation permit, Underground Injection Control (UIC) permit, or National Pollutant Discharge Elimination System (NPDES) permit for the project. In the event of a conflict, the more stringent of the conditions of such permits or of these Conditions of Certification shall be controlling.

## FPL Turkey Point Uprate Nuclear Power Plant Units 3 4 Compliance Summary

Condition Number	Requirement and Timeframe	Due Date	Agency	Description
IV.N.5	Ongoing through Operations	Ongoing through Operations	FDEP	In the event of a prolonged [thirty (30) days or more] equipment malfunction or shutdown of pollution control equipment, the Secretary of the Department may allow facility operation to resume and continue to take place under an immediate final order temporarily modifying these Conditions of Certification, provided that the Licensee demonstrates that such operation will be in compliance with all applicable ambient air quality standards and PSD increments, water quality standards and rules, solid waste rules, domestic wastewater rules and industrial wastewater rules. During such malfunction or shutdown, the operation of the facility shall comply with all other requirements of this certification and all applicable state and federal emission and effluent standards not affected by the malfunction or shutdown.
IV.R.2	Event triggered (spills of materials)	Event triggered (spills of materials)	FDEP Southeast District Office Industrial Wastewater Compliance/Enforcement Section	The Licensee shall <b>report all spills of materials having potential to significantly pollute surface or ground waters and which are not confined to a building or similar containment structure, by telephone immediately</b> after discovery of such spill. The Licensee shall <b>submit a written report within forty-eight hours</b> , excluding weekends, <b>from the original notification</b> . The telephone report shall be submitted by calling the DEP Southeast District Office Industrial Wastewater Compliance/Enforcement Section. After normal business hours, the Licensee shall contact the State Warning Point by calling (850) 413-9911 or (850) 413-9912.
IV.R.3	As required for Modifications, Amendments, and Renewals	As required for Modifications, Amendments, and Renewals	FDEP Siting Coordination Office	The Licensee shall notify the Department's Siting Coordination Office of any amendments, modifications, or renewals of NRC-issued Operating Licenses.
IV.S	Ongoing through Operations	Ongoing through Operations	Miami-Dade County	Construction and operation noise shall not exceed noise criteria or any applicable requirements of Miami-Dade County. The Licensee shall notify area residents in advance of the onset and anticipated duration of the steam blowout of the facility's heat recovery steam generator and steam lines.
IV.U	Event triggered (finding of historical or archaeological artifacts on project site)	Event triggered (finding of historical or archaeological artifacts on project site)	FDEP Southeast District Office Bureau of Historic Preservation	If historical or archaeological artifacts are discovered at any time within the project site, the Licensee shall <b>notify the DEP Southeast District office and the Bureau of Historic Preservation, Division of Historical Resources, R.A. Gray Building, Tallahassee, Florida 32399-0250, telephone number (850) 487-2073.</b>
IV.V	Pre Construction and event triggered (finding of endangered or threatened species on certified site)	Pre Construction and event triggered (finding of endangered or threatened species on certified site)	Siting Coordination Office FDEP Southeast District Office Florida Fish & Wildlife Conservation Commission	Prior to start of construction, the Licensee shall <b>survey the portion of the certified site which may be affected by construction for species of animal and plant life listed as endangered or threatened</b> by the federal government or listed as endangered by the state. <b>If these species are found, their presence shall be reported to the Siting Coordination Office, the SED, and the Florida Fish &amp; Wildlife Conservation Commission's Office of Policy and Stakeholder Coordination.</b> These species shall not be disturbed, if practicable. If avoidance is not practicable, the endangered species shall be treated as recommended by the appropriate agency. Entombment of gopher tortoises shall not be allowed.
IV.X.2	During Operation	During Operation	FDEP EPA	The Licensee shall ensure that all samples required pursuant to this certification are taken by an appropriately trained technician following EPA and Department approved sampling procedures and chain-of-custody requirements in accordance with Rule 62-160, F.A.C. Records of monitoring information shall follow the guidelines in Rule 62-160.600, F.A.C. All chain-of-custody records shall be retained on-site for at least three (3) years and made available to the Department immediately upon request.

## FPL Turkey Point Uprate Nuclear Power Plant Units 3 4 Compliance Summary

Condition Number	Requirement and Timeframe	Due Date	Agency	Description
IV.Y.1	90 Days after COC Issuance	1/29/2009	Siting Coordination Office Any Affected Agency or Agency Subunit	The licensee shall <b>provide within 90 days after certification a complete summary of those submittals identified in the Conditions of Certification where due-dates for information required of the licensee are identified.</b> Such submittals shall include, but are not limited to, monitoring reports, management plans, wildlife surveys, etc. The summary shall be <b>provided to the Siting Coordination Office and any affected agency or agency subunit</b> to whom the submittal is required to be provided, in a <b>sortable spreadsheet, via CD and hard copy, in the format that consists of four (4) columns names, "Condition Number", "Requirement and Timeframe", "Due Date", and "Name of Agency or Agency Subunit to whom the submittal is required to be provided" respectively from left to right.</b> (62-17.191, F.A.C.)
IV.Y.3	Ongoing through Operations	Ongoing through Operations	FDEP Siting Office Affected agencies	<b>Filings:</b> All post-certification submittals of information by the licensee or copies of applications for separate federal permits which are to be issued by State agencies are to be filed with DEP Siting Office. Copies of each submittal shall also be simultaneously copied to any other agency indicated in the specific conditions requiring the post-certification submittals.
V.A.1	Following Issuance of COC	Ongoing through Construction	FDEP	All construction at the facility shall be pursuant to the design standards presented in the application or amended application and the standards or plans and drawings submitted and signed by an engineer registered in the state of Florida. The site plan layout for Unit 5 shall be consistent with or have wetland impacts less than the plan attached hereto as Exhibit A. Any subsequent revisions to the site plan shall avoid and minimize wetland impacts at least to the same extent as is accomplished in Exhibit A.
V.A.1	90 Days prior to construction	<b>PTN 3 = 06/28/2010 PTN 4 = 12/14/2010</b>	FDEP Southeast District Office	Specific DEP Southeast District Office acceptance of plans will be required based upon a determination of consistency with approved design concepts, regulations, and these conditions prior to initiation of construction of any: industrial waste treatment facility; domestic waste treatment facility; potable water treatment and supply system; ground water monitoring system, storm water runoff system; solid waste disposal area; and hazardous or toxic handling facility or area. <b>The Licensee shall present specific plans for these facilities for review by the DEP Southeast District Office at least ninety (90) days prior to construction of those portions of the facility for which the plans are then being submitted, unless other time limits are specified in the following conditions herein.</b> Review and approval or disapproval shall be accomplished in accordance with Chapter 120, F.S., or these Conditions of Certification as applicable.
V.A.2	Event Triggered (material change or revision to be made to the project during construction in conflict with these COC)	Event Triggered	FDEP	<b>The Department must be notified in writing and prior written approval obtained for any material change or revision to be made to the project during construction which is in conflict with these Conditions of Certification.</b> If there is any material change or revision made to a project approved by the Department without this prior written approval, the project will be considered to have been constructed without Departmental approval, the construction will not be cleared for service, and the construction will be considered a violation of these Conditions of Certification.
V.A.3	90 Days prior to anticipated date of first operation	<b>PTN 3 = 1/7/2012 PTN 4 = 9/1/2012</b>	FDEP	<b>Ninety (90) days prior to the anticipated date of first operation, the Licensee shall provide the Department with an itemized list of any changes made to the facility design and operation plans that would affect a change in discharge, as referenced in Condition IV.C., subsequent to the time of issuance of this Certification.</b> This pre-operational review of the final design and operation shall demonstrate continued compliance with Department rules and standards.

## FPL Turkey Point Uprate Nuclear Power Plant Units 3 4 Compliance Summary

Condition Number	Requirement and Timeframe	Due Date	Agency	Description
V.A.4	Event Triggered (new/modified stormwater treatment facilities and conveyances for construction phases of certified facility)	Prior to construction, if event is triggered	FDEP Southeast District Office SFWMD	<b>Final drainage plans illustrating any new or modified stormwater treatment facilities and conveyances for construction phases of the certified facility site shall be submitted to the DEP Southeast District Manager and the SFWMD as applicable for review and approval prior to construction of any such conveyance or facility.</b> The Department shall indicate its approval or disapproval within 60 days of the submittal. <b>Analysis report of the produced ground samples shall be submitted 30 days before surface water discharge begins.</b>
V.B.2	Event Triggered (burning of construction-generated material after initial land clearing)	Event Triggered (burning of construction-generated material after initial land clearing)	FDEP Southeast District Office Miami Dade County Division of Forestry	Any open burning in connection with initial land clearing shall be in accordance with Chapter 62-256, F.A.C., Chapter 51-2, F.A.C., Uniform Fire Code Section 33.101, Addendum, and any other applicable county regulation. <b>Any burning of construction-generated material, after initial land clearing that is allowed to be burned in accordance with Chapter 62-256, F.A.C., shall be approved by the DEP Southeast District office in conjunction with the Division of Forestry and any other county regulations that may apply.</b> Burning shall not occur if not approved by the appropriate agency or if the Department or the Division of Forestry has issued a ban on burning due to fire safety conditions or due to air pollution conditions.
V.C	Event Triggered (Violation of standards, harmful effects, or irreversible environmental damage not anticipated by application is detected during construction)	Event Triggered (Violation of standards, harmful effects, or irreversible environmental damage not anticipated by application is detected during construction)	FDEP Southeast District Office	An environmental control program shall be established under the supervision of a Florida registered professional engineer or other qualified person to assure that all construction activities conform to applicable environmental regulations and the applicable Conditions of Certification. <b>If a violation of standards, harmful effects or irreversible environmental damage not anticipated by the application or the evidence presented at the certification hearing is detected during construction, the Licensee shall notify the DEP District Office as required by Condition IV.D. Compliance.</b>
V.D	15 Days after initiation	<b>PTN 3 = 10/11/2010</b> <b>PTN 4 = 03/29/2011</b>	Siting Coordination Office FDEP Southeast District Office	<b>Notice of commencement of construction shall be submitted to the Siting Coordination Office and the DEP Southeast District Office within fifteen (15) days after initiation.</b>
V.D	3 Months after construction commences	<b>PTN 3 = 12/28/2010</b> <b>PTN 4 = 06/14/2011</b> Quarterly thereafter	FDEP Southeast District Office	<b>Starting three (3) months after construction commences, a quarterly construction status report shall be submitted to the DEP Southeast District Office. The report shall be a short narrative describing the progress of construction.</b>
VI.A.1	Unit 5: Ongoing through Operation	Unit 5: Ongoing through Operation	FDEP	The construction and operation of the Turkey Point Unit 5 project shall be in accordance with all applicable provisions of Title V Air Operation Permit No. 0250003-009-AV, and Permit No.PSD-FL-338 (DEP Permit No. 0250003-006-AC), (attached as Appendices A and B) as well as any other permit required under a federal program such as Title III, Title IV and/or Title V issued for Turkey Point Unit 5 and any revisions, amendments, corrections or modifications thereto, and of Chapters 62-210 through 62-297, F.A.C.
VI.A.2	Unit 5: Ongoing through Operation	Unit 5: Ongoing through Operation	FDEP Southeast District Office Miami Dade County	<b>All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Compliance Authority at:</b> Air Quality Division DEP Southeast District Office 400 North Congress, Suite 200 West Palm Beach, Florida 33401 <b>Copies of all such documents shall also be submitted to Miami-Dade County at:</b> Air Quality Management Department of Environmental Resources Management 33 Southwest 2nd Avenue, Suite 900 Miami, Florida 33130-1540

## FPL Turkey Point Uprate Nuclear Power Plant Units 3 4 Compliance Summary

Condition Number	Requirement and Timeframe	Due Date	Agency	Description
VI.A.2	Unit 5: Ongoing through Operation	Unit 5: Ongoing through Operation	Bureau of Air Regulation Siting Coordination Office	<b>All documents related to applications for permits to construct, operate or modify an emissions unit shall be submitted to:</b> Bureau of Air Regulation Florida Department of Environmental Protection 2600 Blair Stone Road (MS #5505) Tallahassee, Florida 32399-2400 <b>and notice of all applications for permits to construct, operate or modify an emissions unit shall be submitted to:</b> Siting Coordination Office Florida Department of Environmental Protection 2600 Blair Stone Road (MS #48) Tallahassee, Florida 32399-2400
VI.B.1.a	Unit 5: 30 Days of completion of construction	Unit 5: Complete	FDEP	<b>Initial mitigation, by planting wetland plant species and hydrologic improvements, shall occur within 30 days of completion of construction;</b> at this time the Licensee shall submit to the Department a baseline ("time zero") report. The report shall include details on the progress of the hydrologic improvements, a list of species planted, the number of individuals planted, and the date of the plantings. The report shall contain photographs, taken from referenced locations, to represent the entire site. Additionally, a drawing shall be included to show the location and direction of the camera.
VI.B.1.a	Unit 5: 90 Days after baseline report is submitted and Quarterly thereafter	Unit 5: 90 Days after baseline report is submitted and Quarterly thereafter	FDEP	<b>Subsequent monitoring reports shall be submitted quarterly, the first report being due 90 days after the baseline report.</b> The quarterly reports shall include the number of plants surviving from the initial planting, additional seedlings planted, and explanations if survivorship is trending toward failure. The reports shall include photographs from the locations referenced in the baseline report.
VI.B.1.c.i	Unit 5: After two years from implementing mitigation, when the Licensee believes mitigation is successful	Unit 5: After two years from implementing mitigation, when the Licensee believes mitigation is successful	FDEP Southeast District Office	<b>The Licensee shall notify the SED whenever the Licensee believes the mitigation is successful,</b> but in no event earlier than two years after the mitigation is implemented. The notice shall include a copy of the most recent Annual Progress and Mitigation Success Report and a narrative that describes how the reported data support the claim that each of the mitigation success criteria has been met. The Licensee shall allow SED personnel the opportunity to schedule and conduct an on-site inspection of the mitigation site.
VI.B.1.d.i-ii	Unit 5: 3 years after completion of planting and Event Triggered (mitigation site will not meet success criteria)	Unit 5: 3 years after completion of planting and Event Triggered (mitigation site will not meet success criteria)	FDEP Southeast District Office	<b>The Licensee shall prepare a revised mitigation plan if, three (3) years after completion of planting, it is determined by the SED or the Licensee that the mitigation site will not meet the success criteria.</b> The revised plan shall be submitted to the SED for review and approval and shall include the following: • The plan shall discuss why the mitigation site is not meeting the success criteria and propose a plan of action by which to correct any deficiencies in the original plan. • The Licensee shall propose a schedule for implementation and completion of the provisions of the revised mitigation plan. Upon approval by the SED, the Licensee shall begin implementing the revised plan within 60 days of SED approval. The approved revised plan shall be copied to the Siting Coordination Office and shall be made a part of these Conditions of Certification.
VI.B.2	Unit 5: First semi-annual progress report submitted 6 months after date of certification issuance. Reports submitted every 6 months thereafter until all mitigation work complete.	Unit 5: 8/7/2005 and every 6 months thereafter	FDEP Southeast District Office	<b>Narrative progress reports shall be submitted every 6 months indicating the status of the mitigation efforts.</b> The cover page shall indicate the certification number, project name and the Licensee name. <b>The first semi-annual progress report shall be submitted six months after the date of certification issuance. Reports shall be submitted every six (6) months thereafter until all mitigation work required by these conditions of certification has been completed.</b>

## FPL Turkey Point Uprate Nuclear Power Plant Units 3 & 4 Compliance Summary

Condition Number	Requirement and Timeframe	Due Date	Agency	Description
VI.B.3	Unit 5: Construction	Unit 5: Complete	FDEP SFWMD	Best management practices for erosion control shall be implemented and maintained at all times during construction to prevent siltation and turbid discharges in excess of State water quality standards pursuant to Rule 62-302, F.A.C., or in excess of the ambient turbidity levels of Outstanding Florida Waters. Methods shall include, but are not limited to the use of staked hay bales, staked filter cloth, sodding, seeding, and mulching; staged construction; and the installation of turbidity screens around the immediate project site.
VI.B.5.a-c	Unit 5: Event Triggered (turbidity levels within water of State surrounding project site exceed 29 NTUs above background or exceed ambient water quality levels of Outstanding Florida Waters) must notify within 24 hours of the time of violation is first detected.	Unit 5: Complete	FDEP Southeast District Office	The following measures shall be taken immediately by the Licensee whenever turbidity levels within waters of the State surrounding the project site exceed 29 NTUs above background or exceed the ambient water quality levels of Outstanding Florida Waters: <ul style="list-style-type: none"> <li>• Immediately cease all work contributing to the water quality violation. Operations may not resume until the SED gives authorization to do so.</li> <li>• <b>Notify the SED Environmental Resource Compliance/Enforcement Section at 561/681-6643 within 24 hours of the time the violation is first detected.</b></li> <li>• Stabilize all exposed soils contributing to the violation. Modify the work procedures that were responsible for the violation, install additional turbidity containment devices and repair any non-functioning turbidity containment devices.</li> </ul>
VI.B.6	Unit 5: Ongoing through Operation	Unit 5: Ongoing through Operation	FDEP	The Licensee shall be responsible for ensuring that the construction and operation of the Project results in no significant degradation of the adjacent Biscayne National Park, an Outstanding Florida Water, in violation of Rule 62-4.242 and 62-302, F.A.C.
VI.C	Unit 5: Event triggered (Inactivation or abandonment of a wastewater facility) and at least 60 days prior to event being triggered	Unit 5: Event triggered (Inactivation or abandonment of a wastewater facility) and at least 60 days prior to event being triggered	FDEP	The Licensee is hereby authorized to operate water and wastewater facilities as shown or described in the Turkey Point Unit 5 Site Certification Application and other documents on file with the Department and made a part hereof. The Licensee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment.
VII.B.1	Upon application to U.S. NRC for authority to decommission the plant	Prior to decommissioning	FDEP NRC	Upon application to the U.S. Nuclear Regulatory Commission (NRC) for authority to decommission the plant, the applicant shall provide the Department a copy of the plan submitted to NRC for radioactive materials removal and/or containment for the site. Should the Department's review of the written plan reveal deficiencies, the Department shall bring such deficiencies to the attention of the applicant and the NRC and maintains the right to initiate a request, consistent with NRC procedural requirements that remedial action be taken to correct the deficiencies.
VII.B.7	Upon submittal to the NRC	Annually	NRC FDEP	<b>Upon submittal to the NRC, a copy of the Annual Radiological Environmental Operating Report for Turkey Point Units 3 &amp; 4 shall be provided to the Department's Siting Coordination Office.</b>
VIII	Ongoing through Operation	Ongoing through Operation	FDEP	Any discharges during construction and operation of Units 3, 4 & 5 shall be in accordance with all applicable provisions of NPDES permit No. FL0001562-004-IW1 N (attached as Appendix D) as well as any subsequent modifications, amendments and/or renewals.

## FPL Turkey Point Uprate Nuclear Power Plant Units 3 & 4 Compliance Summary

Condition Number	Requirement and Timeframe	Due Date	Agency	Description
IX.A	180 Days following Certification of Units 3 & 4	4/28/2009	FDEP Southeast District Office	<p><b>Within 180 days following certification of Units 3 &amp; 4</b>, FPL shall submit a <b>Biscayne Bay Surface Water Monitoring Plan (Plan)</b> pursuant to Chapter 62-320, F.A.C. to the <b>DEP Southeast District Office for review and approval</b>. The Plan shall include, at a minimum, the following components:</p> <ol style="list-style-type: none"> <li>1. salinity and temperature monitoring within the surface waters of the Bay, including the Biscayne Bay Aquatic Preserve; (Specific parameters to be measured, including specific conductance and temperature, shall be sampled in accordance with Chapter 62-160, F.A.C.);</li> <li>2. a minimum of five monitoring stations located near shore in the vicinity of the Turkey Point Plant; and</li> <li>3. specific monitoring locations, sampling frequencies and methods, and specific parameters to be monitored.</li> </ol>
X.A	180 Days following Certification of Units 3 & 4	4/28/2009	SFWMD	In addition to the monitoring framework set forth in this consolidated condition, within 180 days after Certification, FPL shall execute a SFWMD approved Fifth Supplemental Turkey Point Agreement ("Fifth Supplemental Agreement") to the original 1972 Agreement between FPL and the SFWMD pertaining to FPL's obligation to monitor for impacts of the Turkey Point cooling canal system on the water resources of the SFWMD in general and the facilities and operations of the SFWMD (the "Agreement"). Subject to the SFWMD's approval, FPL shall also amend the Agreement's Revised Operating Manual as referenced in paragraph C. "Monitoring Provisions" (the "Revised Plan") of the Fourth Supplemental Agreement, dated July 15, 1983. The Revised Plan shall be incorporated into the Fifth Supplemental Agreement and shall include assessment of potential impacts to surface water and ground water including wetlands, as needed, in the vicinity of the cooling canal system. The specific monitoring boundaries shall be determined as part of the Revised Plan.
X.C	In accordance with timeframes as approved in the Fifth Supplemental Agreement	In accordance with timeframes as approved in the Fifth Supplemental Agreement	SFWMD Miami-Dade County DERM FDEP	<p>FPL shall transmit electronic copies of all data and reports required under the Fifth Supplemental Agreement and the Revised Plan in accordance with timeframes as approved in the Fifth Supplemental Agreement to:</p> <ul style="list-style-type: none"> <li>• SFWMD, Director, Water Supply (or alternative transmittal procedures to be described in the Fifth Supplemental Agreement);</li> <li>• Miami-Dade County, Director, DERM;</li> <li>• DEP, Director, Southeast District Office;</li> <li>• DEP Siting Coordination Office</li> <li>• DEP, Director, Biscayne Bay Aquatic Preserve Manager</li> </ul>
XII.A.10	90 Days prior to the commencement of construction of any portion of the project	<b>PTN 3 = 06/28/2010</b> <b>PTN 4 = 12/14/2010</b>	SFWMD	At least ninety (90) days prior to the commencement of construction of any portion of the project, the Licensee shall submit to SFWMD staff, for a completeness and sufficiency review, any pertinent additional information required under conditions XI for that portion of project. If SFWMD staff does not issue a written request for additional information within thirty (30) days, the information shall be presumed to be complete and sufficient.
XII.A.12	Prior to implementation	Prior to implementation	SFWMD	The Licensee shall submit any proposed revisions to the site specific design authorizations specified in this Certification to the SFWMD for review and approval prior to implementation. The submittal shall include all the information necessary to support the proposed request, including detailed drawings, calculations and/or any other applicable data. Such requests may be included as part of an appropriate additional information submittal required by this Certification provided they are clearly identified as a requested amendment or modification to the previously authorized design.

## FPL Turkey Point Uprate Nuclear Power Plant Units 3 & 4 Compliance Summary

Condition Number	Requirement and Timeframe	Due Date	Agency	Description
XII.B.3.a-c	Event Triggered (interference with existing legal uses due to Licensee's withdrawals)	Event Triggered (interference with existing legal uses due to Licensee's withdrawals)	SFWMD	<p>The Licensee shall mitigate harm to existing off-site land uses caused by the Licensee's withdrawals, as determined through reference to the conditions for permit issuance. When harm occurs, or is imminent, the SFWMD will require the Licensee to modify withdrawal rates or mitigate the harm. Harm, as determined through reference to these Conditions of Certification includes:</p> <p><b>a.</b> Significant reduction in water levels on the property to the extent that the designed function of the water body and related surface water management improvements are damaged, not including aesthetic values. The designed function of a water body is identified in the original permit or other government authorization issued for the construction of the water body. In cases where a permit was not required, the designed function shall be determined based on the purpose for the original construction of the water body (e.g., fill for construction, mining, drainage canal, etc.);</p> <p><b>b.</b> Damage to agriculture, including damage resulting from reduction in soil moisture resulting from consumptive use;</p> <p><b>c.</b> Land collapse or subsidence caused by reduction in water levels associated with consumptive use.</p>
XII.B.4.a-f	Event Triggered (interference with existing legal uses due to Licensee's withdrawals)	Event Triggered (interference with existing legal uses due to Licensee's withdrawals)	SFWMD	<p>The Licensee shall mitigate harm to natural resources caused by the Licensee's withdrawals, as determined through reference to the conditions for permit issuance. When harm occurs, or is imminent, the SFWMD will require the Licensee to modify withdrawal rates or mitigate the harm. Harm, as determined through reference to the conditions for permit issuance includes:</p> <p><b>a.</b> Reduction in ground or surface water levels that results in harmful lateral movement of the fresh water/salt water interface;</p> <p><b>b.</b> Reduction in water levels that harm the hydroperiod of wetlands;</p> <p><b>c.</b> Significant reduction in water levels or hydroperiod in a naturally occurring water body such as a lake or pond;</p> <p><b>d.</b> Harmful movement of contaminants in violation of state water quality standards; or</p> <p><b>e.</b> Harm to the natural system including damage to habitat for rare or endangered species.</p>
XII.B.5	Event Triggered (well casing, valves, or controls associated with the on-site well system leak or have become inoperative)	Event Triggered (well casing, valves, or controls associated with the on-site well system leak or have become inoperative)	SFWMD	<p>At any time, if there is an indication that the well casing, valves, or controls associated with the on-site well system leak or have become inoperative, the Licensee shall be responsible for making the necessary repairs or replacement to restore the well system to an operating condition acceptable to the SFWMD. Failure to make such repairs shall be the cause for requiring that the well(s) be filled and abandoned in accordance with the procedures outlined in Chapter 40E-3, F.A.C.</p>
XII.C.2	Unit 5: 90 Days after receiving written notification from SFWMD	Unit 5: 90 Days after receiving written notification from SFWMD	SFWMD	<p>Upon written notification from SFWMD that a reliable source of reclaimed water is available at the project site to serve Unit 5 in a quantity &amp; quality acceptable to the Licensee for cooling purposes for Unit 5, the <b>Licensee shall provide the SFWMD with a schedule for use of reclaimed water, for the SFWMD's review &amp; approval, within 90 days of such notification.</b> Once the use of reclaimed water has been established, the use of Floridan Aquifer water shall be reduced in proportion to the volume of reclaimed water made available to Unit 5, such that the combined sources meet the total demand of a 90-day average withdrawal of 14.06 MGD &amp; an average annual withdrawal of 4,599 MGY.</p>

## FPL Turkey Point Uprate Nuclear Power Plant Units 3 & 4 Compliance Summary

Condition Number	Requirement and Timeframe	Due Date	Agency	Description
XII.C.2	Unit 5: Event triggered (reclaimed water becomes temporarily unavailable) and within 24 hours of commencing temporary withdrawals from the Floridan aquifer	Unit 5: Event triggered (reclaimed water becomes temporarily unavailable) and within 24 hours of commencing temporary withdrawals from the Floridan aquifer	SFWMD	Should reclaimed water become temporarily unavailable, the Licensee shall notify the SFWMD within 24 hours of commencing temporary withdrawals from the Floridan aquifer.
XII.C.4	Unit 5: Prior to the use of any proposed withdrawal facilities authorized under this Certification	Unit 5: Prior to the use of any proposed withdrawal facilities authorized under this Certification	SFWMD	Prior to the use of any proposed withdrawal facilities authorized under this Certification, the Licensee shall equip each facility with a <b>SFWMD-approved operating water use accounting system and submit a report of calibration to the SFWMD</b> , pursuant to Section 4.1 of the Basis of Review For Water Use Permit Applications.
XII.C.4	Unit 5: Prior to the use of any proposed withdrawal facilities authorized under this Certification and every 5 years thereafter	Unit 5: Every 5 Years	SFWMD	In addition, the Licensee shall submit a report of recalibration for the water use accounting system for each water withdrawal facility (existing and proposed) authorized -under this Certification every five years from each previous calibration, continuing at five year increments. The Licensee shall specify the water accounting method and means of calibration on each report.
XII.C.4	Unit 5: Prior to the use of any proposed withdrawal facilities authorized under this Certification and quarterly thereafter	Unit 5: Quarterly	SFWMD	The Licensee shall report monthly withdrawals for each withdrawal facility to the SFWMD quarterly. The Licensee shall specify the water accounting method and means of calibration on each report.
XII.C.5.a	Unit 5: Within 5 years from the date of issuance of the Certification Order and every 5 years thereafter	Unit 5: 2/7/2010 and Every 5 Years	SFWMD	<p><b>Within five years from the date of issuance of the Certification Order and every five years thereafter</b>, unless extended by mutual agreement between the Licensee and the SFWMD, the Licensee shall submit to the SFWMD a report on the project's consistency with <b>SFWMD's Water Use Conditions of Certification contained herein</b>. Within 90 days after receipt of the completed report, the SFWMD shall evaluate the information contained therein and issue a written notification to the DEP and the Licensee as to whether the ground water withdrawals for consumptive use authorized by this Certification remain in compliance with the provisions of Chapter 373, F.S. and Chapter 40-2, F.A.C. in effect at the time the certification was issued by the Siting Board.</p> <p>In determining whether the Licensee has established that its use of water complies with rule 40E-2, F.A.C., and the Basis of Review for Water Use Permit Applications within the SFWMD, the SFWMD shall evaluate whether the Licensee's use of water interferes with a legal use of water that existed at the time the certification was issued by the Siting Board. If the notification indicates that the withdrawals are not in compliance with these provisions, the SFWMD shall recommend to the Licensee possible alternatives for bringing the withdrawals into compliance with SFWMD's Water Use Conditions of Certification contained herein.</p> <p>In addition, if DEP determines, in consultation with SFWMD, based upon a review of a report submitted pursuant to this condition, that the Licensee has failed to establish that the Licensee's use of water meets the consumptive water use requirements described herein, DEP may seek to modify the authorization to use water in the certification or take other appropriate measures to ensure that the consumptive use of water meets the conditions for issuance in Chapter 40E-2, F.A.C., as described herein. Any modification made pursuant to this condition shall not be subject to competing applications provided there is no increase in the allocation and no change in source.</p>

## FPL Turkey Point Uprate Nuclear Power Plant Units 3 4 Compliance Summary

Condition Number	Requirement and Timeframe	Due Date	Agency	Description
XII.C.6.a-i	Unit 5: Prior to Construction of those portions of the project which involve dewatering activities	Unit 5: Complete	SFWMD	<p>Prior to the commencement of construction of those portions of the project which involve dewatering activities, the Licensee shall submit a detailed plan for the proposed dewatering activities to the SFWMD for a determination of compliance with the non-procedural requirements of Chapters 40E-2, 40E-3 and 40E-20, F.A.C., in effect at the time of submittal. The following information, referenced to NGVD where appropriate, shall be submitted:</p> <p>a. A detailed site plan which shows the location(s) for each proposed dewatering area;  b. The method(s) used for each dewatering operation;  c. The maximum depth for each dewatering operation;  d. The location and specifications for all proposed wells and/or pumps associated with each dewatering operation;  e. The duration of each dewatering operation;  f. The discharge method, route, and location of receiving waters generated by each dewatering operation, including the measures (Best Management Practices) that will be taken to prevent water quality problems in the receiving water(s);  g. An analysis of the impacts of the proposed dewatering operations on any existing on and/or off-site legal users, wetlands, or existing groundwater contamination plumes;  h. The location of any infiltration trenches and/or recharge barriers; and  i. All plans must be signed and sealed by a Professional Engineer or a Professional Geologist registered in the State of Florida.</p>
XII.C.7	Unit 5: Event triggered (any on-site wells require repair, replacement, and/or abandonment) and prior to initiating such activities	Unit 5: Event triggered (any on-site wells require repair, replacement, and/or abandonment) and prior to initiating such activities	SFWMD	If, during the control of these conditions of certification, any on-site wells require repair, replacement, and/or abandonment, the Licensee shall <b>submit the information described in Chapter 40E-3, F.A.C. for review by the SFWMD prior to initiating such activities.</b>
XII.C.8	Unit 5: Prior to Construction of the proposed on-site wells	Unit 5: Prior to Construction of the proposed on-site wells	SFWMD	Prior to construction of the proposed on-site wells, the Licensee shall <b>submit the drilling plans and other pertinent information required by Chapter 40E-3, F.A.C.</b> to the SFWMD for review and approval.
XII.C.8	Unit 5: Event triggered (final well locations different from those originally proposed in the site certification application) and Prior to Construction	Unit 5: Event triggered (final well locations different from those originally proposed in the site certification application) and Prior to Construction	SFWMD	If the final well locations are different from those originally proposed in the site certification application, the Licensee shall also <b>submit to the SFWMD for review and approval an evaluation of the impacts of the proposed pumpage from the alternate well location(s) on adjacent existing legal users, pollution sources, environmental features, and water bodies.</b>
XII.C.9.a	Unit 5: Within 3 months of issuance of this Certification	Unit 5: Complete	SFWMD	<b>Within three months of issuance of this Certification, a preliminary groundwater monitoring plan shall be submitted to the SFWMD</b> for a determination of compliance with the non-procedural requirements of Chapter 40E-2, F.A.C. In developing the monitoring plan, the Licensee shall consider well locations, depth and method of construction, types of screens, and frequency of data collection.
XII.C.9.b	Unit 5: Within 6 months of issuance of this Certification	Unit 5: Within 6 months of issuance of this Certification	SFWMD	Within six months of issuance of this Certification, the Licensee shall implement the groundwater monitoring plan.
XII.C.10.a	Unit 5: Prior to commencement of construction	Unit 5: Prior to commencement of construction	SFWMD	Prior to the commencement of construction, the Licensee shall submit a water conservation plan, as described in Chapter 40E-2, F.A.C., for review and approval by SFWMD staff.
XIII.E	Event Triggered	Event Triggered	FDOT FDEP	Any drainage onto State of Florida right of way and transportation facilities will be subject to the requirements of Rule Chapter 14-86, Drainage Connections, Florida Administrative Code, including the attainment of any permit required thereby.

## FPL Turkey Point Uprate Nuclear Power Plant Units 3 4 Compliance Summary

Condition Number	Requirement and Timeframe	Due Date	Agency	Description
XIII.E	Event Triggered (newly proposed structure or alteration of an existing structure exceeds notification requirements) and Prior to beginning Construction	Event Triggered (newly proposed structure or alteration of an existing structure exceeds notification requirements) and Prior to beginning Construction	FAA FDOT FDEP	Any newly proposed structure or alteration of an existing structure will be subject to the requirements of Chapter 333, F.S., and Rule 14-60.009, Airspace Protection, F.A.C. Additionally, <b>notification to the Federal Aviation Administration (FAA) is required prior to beginning construction, if the structure exceeds notification requirements</b> of 14 CFR Part 77, Objects Affecting Navigable Airspace, Subpart B, Notice of Construction or Alteration. Notification will be provided to FAA Southern Region Headquarters using FAA Form 7460-1, Notice of Proposed Construction or Alteration in accordance with instructions therein.
XIV.A	Ongoing through Operation	Ongoing through Operation	FDEP	FPL shall incorporate the Unit 5 site into the Comprehensive Hurricane Preparation and Recovery Plan for the overall Turkey Point Power Plant Site.
XIV.B	Unit 5: Every 5 Years following commencement of commercial operation of the Unit 5 and whenever an additional electrical generating unit is brought into service at the Turkey Point Plant site	Unit 5: 1st Quarter 2007 every 5 years thereafter	Department of Community Affairs Miami-Dade County Office of Emergency Management	FPL shall submit a formal update of the Comprehensive Hurricane Preparation and Recovery Plan to the Department of Community Affairs, the Miami-Dade County Office of Emergency Management every five (5) years following commencement of commercial operation of the Unit 5 and whenever an additional electrical generating unit is brought into service at the Turkey Point Plant site.
XV.B.1.b	Event Triggered. When a reliable source of reclaimed water is determined to be available at the Project site to serve Unit 5	Event Triggered. When a reliable source of reclaimed water is determined to be available at the Project site to serve Unit 5	WASD SFWMD	Licensee shall <b>provide a copy to WASD of any notice received from SFWMD pursuant to Condition XI.C.3.</b> , that a reliable source of reclaimed water is available at the Project site to serve Unit 5.
XV.B.2.a-j	Unit 5: Prior to initiation of work in tidal waters or wetlands	Unit 5: Miami-Dade County Department of Environmental Resources Management	Miami-Dade County Department of Environmental Resources Management	<p>The following <b>detailed plans must be submitted to Miami Dade County Department of Environmental Resources Management (DERM) prior to initiation of work in tidal waters or wetlands</b> :</p> <p><b>a.</b> The site plan layout shall be consistent with, or have wetland impacts less than, the plans described in the document "Turkey Point Expansion Project, Refined Mitigation Proposal, FPL, April 2004" or as subsequently amended or modified.</p> <p><b>b.</b> Two or more sets of construction drawings and engineering calculations signed and sealed by a professional engineer registered in the State of Florida and a land survey sealed by a licensed land surveyor registered in the State of Florida for those elements of the project that involve wetlands. These plans must include sufficient detail and be prepared at a scale that clearly identifies the limits of filling in wetlands and tidal waters, on-site mitigation areas, structures other than fill in tidal waters or wetlands, and typical cross-sections of all elements of the project that affect wetlands.</p> <p><b>c.</b> A construction management plan which shall include methods or best management practices for preventing or controlling secondary impacts from turbidity, siltation, fugitive dust, unpermitted impacts to adjoining waters or wetlands, fill or excavated material, construction debris, noise, or artificial lighting.</p> <p><b>d.</b> A plan for further assessment of materials proposed to be used for filling tidal water and wetlands, including physical, chemical and biological effects tests as determined in cooperation with local and state environmental agencies. Placement of fill shall not commence until additional testing and analysis of physical, chemical, and biological characteristics of fill material have been completed in accordance with requirements of DERM.</p> <p><b>e.</b> A water quality and biological monitoring plan for documenting compliance with narrative and numerical water quality targets during construction.</p>

## FPL Turkey Point Uprate Nuclear Power Plant Units 3 4 Compliance Summary

Condition Number	Requirement and Timeframe	Due Date	Agency	Description
				<p>f. A post-construction long-term water quality and biological monitoring plan for areas near or downstream of the built areas, on-site mitigation areas, and on-site restoration areas.</p> <p>g. A detailed on-site mitigation and restoration plan including signed and sealed construction drawings (plan views and cross-sections), planting configuration and species list, hydraulic or tidal exchange calculations, exotic control and maintenance methods, and success criteria. This plan shall be consistent with the document "Turkey Point Expansion Project, Refined Mitigation Proposal, FPL, April 2004" or as subsequently amended or modified.</p> <p>h. A plan for monitoring and responding to the occurrence of endangered (or other listed species) in the construction area.</p> <p>i. A stormwater management plan, including calculations and construction drawings.</p> <p>j. A plan for training all on-site construction-related workers with respect to environmental resource protection requirements.</p>
XV.B.3	Prior to construction in wetlands or tidal waters	Complete	Miami-Dade County Department of Environmental Resources Management	The applicant shall mark in a conspicuous fashion the boundaries or limits of all work/fill areas, mitigation areas, preservation areas, or protected species habitat. This may be accomplished with fencing, flagging, buoys, silt barriers, hay bales, or other forms of durable demarcation. Field markers shall include survey benchmarks or reference points that can be compared to approved construction plans and drawings. <b>Prior to construction in wetlands or tidal waters, the layout must be approved by DERM.</b> The markers shall be maintained for the entirety of construction to facilitate compliance inspections and also to reduce the chance of unauthorized impacts to resources.
XV.B.4	7 Days prior to Construction in wetlands or tidal waters	Complete	Miami-Dade County	Seven days prior to the start of construction in wetlands or tidal waters, the Licensee shall allow prior approved third party access for the salvage of desirable native vegetation occurring within the areas to be filled or cleared.
XV.B.7	90 Days prior to start of Construction	Complete	Miami-Dade County	<b>Within 90 days of the start of construction, the Licensee shall convey title of 307 acres of wetland</b> , as defined in the "Turkey Point Expansion Project, Refined Mitigation Proposal, FPL, April 2004" or as subsequently amended or modified, to the appropriate federal, state, or local resource management agency for conservation or restoration purposes consistent with the goals of ongoing regional restoration plans.
XV.B.9	Initiated within 90 Days of the beginning of coastal wetlands or tidal waters and completed within 90 days of the completion of filling of wetlands	Complete	Miami-Dade County	Construction of on-site mitigation shall be initiated within 90 days of the beginning of filling of coastal wetlands or tidal waters. Construction of on-site mitigation shall be completed within 90 days of the completion of filling of wetlands except areas to be restored after completion of project construction.
XV.B.10	Commence within 60 days of completion of construction on the power block or by January 2010	Commence within 60 days of completion of construction on the power block or by January 2010	Miami-Dade County	Restoration of temporarily filled wetlands shall commence within 60 days of completion of construction on the power block or by January 2010, whichever first occurs.
XV.B.11	Event Triggered (Upland construction damages or require removal of upland trees)	Event Triggered (Upland construction damages or require removal of upland trees)	Miami-Dade County	Should upland construction damage or require removal of upland trees, the Licensee shall be required to preserve specimen trees (trunk > 18 in. DBH) and replace upland tree canopy in accordance with the requirements of Article III. Tree Preservation and Protection Sec. 24-60 of the Code of Miami-Dade County. This requirement includes trees along entrance roads and existing landscaped areas, and shall be in addition to establishment of coastal hammocks proposed as part of on-site mitigation.
XV.B.12	Prior to development	Complete	Miami-Dade County	Exotic pest plant species on the development site uplands shall be removed prior to development.

## FPL Turkey Point Uprate Nuclear Power Plant Units 3 & 4 Compliance Summary

Condition Number	Requirement and Timeframe	Due Date	Agency	Description
XV.B.15	Event Triggered (need for appropriate annual operating permits from Miami-Dade County for any existing, new or improved facilities located at the Turkey Point Power Plant)	Event Triggered (need for appropriate annual operating permits from Miami-Dade County for any existing, new or improved facilities located at the Turkey Point Power Plant)	Miami-Dade County	This Certification does not replace or eliminate the need for appropriate annual operating permits from Miami-Dade County for any existing, new or improved facilities located at the Turkey Point Power Plant site but not within the area covered by this Certification as delineated in the Site Certification Application. If reclaimed water is used as makeup to the Unit 5 cooling tower and cooling tower blowdown is returned to the South District Wastewater Treatment Plant, FPL shall apply for such permit from DERM as may be required under Chapter 24 of the Code of Miami-Dade County for such disposal pursuant to federal law.
XVI.B.1	Initially conducted for a one-year period, after which protocols shall be reviewed for appropriateness	Jan-09	Florida Fish and Wildlife Conservation Commission	Surveys shall be conducted both pre- and post- Unit 3 and 4 uprate to determine any effects of temperature and salinity changes on crocodiles in the cooling canal system. Surveys shall be initially conducted for a one year period, after which protocols shall be reviewed for appropriateness. <b>Any changes shall be submitted to the FWC.</b>
XVI.B.4	Event Triggered (If it is determined that there is a negative effect on crocodiles within the cooling canal system due to the Uprate project)	Event Triggered (If it is determined that there is a negative effect on crocodiles within the cooling canal system due to the Uprate project)	Florida Fish and Wildlife Conservation Commission	If it is determined that there is a negative effect on crocodiles within the cooling canal system due to the Uprate project, the licensee shall monitor the crocodile population outside of the system, particularly in the FPL mitigation areas, to determine if there is no net negative effect. If growth and survival is affected within the system, then using telemetry data on crocodiles moving into and out of the system may show whether or not there is an overall change in the crocodile population at Turkey Point. A summary of monitoring efforts and results shall be included in the Annual Report.
XVI.C	Report shall be submitted beginning 12 months from initial monitoring, and every 12 months thereafter	Jan-10	Florida Fish and Wildlife Conservation Commission DEP Siting Coordination Office DERM Manager of the Biscayne Bay Aquatic Preserve Miami-Dade CDMP Coastal Management	FPL shall <b>submit an Annual Report including all data and statistical analyses resulting from the above monitoring requirements</b> to FWC in order for FWC to assess changes in the crocodile population. The <b>report shall be submitted beginning 12 months from initial monitoring, and every 12 months thereafter.</b> Copies of these annual reports shall be provided to the DEP Siting Coordination Office, DERM and the Manager of the Biscayne Bay Aquatic Preserve. FPL shall notify DERM and the Manager of the Biscayne Bay Aquatic Preserve of any meeting with FWCC and DEP to address issues raised in these annual reports. [Chapter 68A - 27, F.A.C.; Miami-Dade CDMP Coastal Management - 1 E]