

**AGENDA
SITING BOARD
DEPARTMENT OF ENVIRONMENTAL PROTECTION
FEBRUARY 1, 2005
CORRECTED**

Item 1 Minutes

Submittal of the Minutes from August 10, 2004 Cabinet Meeting.

(See Attachment 1, Pages 1-2)

RECOMMEND APPROVAL

Item 2 FPL/Turkey Point Unit 5 Recommended Order/Certification

REQUEST: Consideration of an Order, to be executed by the Siting Board, adopting the Administrative Law Judge's Recommended Order recommending that the Siting Board grant full and final certification to Florida Power & Light Company, under Section 403, Part II, F.S., for the location, construction, and operation of the Turkey Point Power Plant Unit 5, pursuant to Subsections 403.509(1) and 403.511(1), F.S.

COUNTY: Miami-Dade

APPLICANT: Florida Power & Light Company (FPL)

LOCATION: The Turkey Point Unit 5 site is located on 90 acres within the 11,000-acre Turkey Point Plant site in Miami-Dade County, Florida. The plant site is located south of Miami and east of Homestead in an unincorporated area of the County. The nearest residential neighborhood is over five miles away from the Project site.

STAFF REMARKS: On November 14, 2003, FPL filed a Site Certification Application (SCA) with the Department of Environmental Protection, pursuant to the Florida Electrical Power Plant Siting Act (PPSA), Sections 403.501 through 403.518, F.S. The SCA proposed the construction and operation of an 1,150 megawatt (nominal) electric power generation facility. This facility would consist of four natural gas fired 170 megawatt combustion turbines, four heat recovery steam generators, a 470 megawatt steam turbine and generator, and ancillary equipment. Ultra low-sulfur distillate oil is proposed as a back-up fuel for limited periods. No new transmission lines are included in this certification. Condensate cooling will be accomplished with a cooling tower.

The existing Units 1 and 2 at the Plant site are fossil fuel-fired steam generating units, with an electrical output of approximately 400 megawatts each. These two units burn residual fuel oil and/or natural gas. The existing Units 3 and 4 at the Plant site are nuclear-fueled steam electric generating units, with a capacity of approximately 700 megawatts each. The Plant site has a current total generating capacity of approximately 2,200 megawatts. Units 1 through 4 are not certified pursuant to the PPSA.

On June 8, 2004, the Public Service Commission issued Order No. PSC-04-0609-FOF-EI affirmatively determining the need for Turkey Point Unit 5 as proposed by FPL pursuant to Section 403.519, F.S.

On August 10, 2004, the Siting Board adopted the Administrative Law Judge's (ALJ) recommendation to determine the Project site to be consistent and in compliance with local land use plans and zoning ordinances. On September 20 and 21, 2004, the ALJ conducted a certification hearing on the Project in Miami-Dade County. On November 18, 2004, the ALJ issued a Recommended Order recommending the Siting Board grant full and final certification to FPL for Turkey Point Unit 5. No party filed exceptions to the Recommended Order.

(See Attachment 2, Pages 1-117)

RECOMMEND APPROVAL