



MEMORANDUM

AGENDA ITEM #15a

DATE: JUNE 7, 2010

TO: COUNCIL MEETING

FROM: STAFF

SUBJECT: FPL PROPOSED NEW NUCLEAR PLANT-TURKEY POINT 6 AND 7
COMMUNITY PRESENTATIONS (REVISED)

The purpose of this series of presentations is to provide the Council the opportunity to learn first-hand how the proposed expansion of the Turkey Point Nuclear Plant and associated siting of transmission lines may affect local governments in the Region. Council staff invited the local governments listed by the Florida Department of Environmental Protection (DEP) as participating in the power plant and transmission lines siting processes. The communities are: Miami-Dade and Monroe Counties; Cities of Coral Gables, Doral, Florida City, Homestead, Miami, South Miami, Town of Medley; Villages of Palmetto Bay, Pinecrest and Village of Coconut Grove (which has an elected Council but is part of the City of Miami).

The local government representatives were invited to present community-specific information regarding their positions on the potential impacts and/or benefits of the plant expansion and transmission lines. Each community was asked to tailor its presentation to not exceed five minutes.

Florida Power and Light (FPL) representatives are also scheduled to make a presentation.

Background

Florida Power and Light (FPL) submitted a Site Certification Application to the Florida Department of Environmental Protection (DEP) on June 30, 2009. If approved, the application would allow FPL to expand nuclear energy production at its Turkey Point facility in Miami-Dade County. The proposed project consists of the construction of two new 1,100 megawatts (mW) nuclear units, 6 and 7, and supporting facilities, as well as the placement of new transmission lines. The State of Florida would license both the transmission lines and new electrical power plants in one proceeding pursuant to the State Power Plant Siting Act (PPSA), Chapter 403, Part II, Florida Statutes (Fla Stat.).

Project Details

The two nuclear generating units with supporting buildings, facilities and equipment will be located due south of the existing Turkey Point units, on a parcel currently within the Industrial waste water /cooling canal system. Associated facilities proposed in or around the new or existing plant units include parking areas; a nuclear administration and training building, a reclaimed water treatment facility and treated reclaimed water delivery pipelines; radial collector wells and delivery pipelines for cooling water backup; and an equipment barge unloading area. A new electrical substation (Clear Sky) will be constructed on the Turkey Point site. A 230-kV transmission line will also be needed to connect the new substation to the existing substation on the plant property.

Proposed off-site facilities include: 1) transmission lines and system improvements within Miami-Dade County, City of Miami, Coral Gables, Doral, Homestead, Medley, Palmetto Bay, Pinecrest, and South Miami and 2) the creation or expansion of access roads and bridges (between SW 328 Street and SW 359 Street and east of SW 137 Avenue). The Miami-Dade County's Comprehensive Development Master Plan Amendments for these proposed access roadways activities were adopted by the County on April 28, 2010.

FPL has indicated that the existing transmission line infrastructure is insufficient to carry the load that will be generated from the new power plants. New 500 and 230 kilovolts (kV) electric transmission lines are needed to connect the proposed Clear Sky and existing Turkey Point substations to other existing FPL substations in Miami-Dade County. Approximately 88.7 miles of transmission line corridors have been proposed in the county. Because of the load requirements, two separate transmission line corridors have been proposed. The East Preferred Corridor has been proposed by FPL to connect the existing Turkey Point substation to the new Clear Sky and existing Davis and Miami substations. The Davis to Miami portion will run through more urbanized sections of U.S. 1 from Palmetto Bay through Downtown Miami; one 230-kV line will be constructed along this 36.6 mile corridor. The West Preferred Corridor will connect the new Clear Sky substation to the existing Levee substation, with two 500-kV lines; the West Preferred Corridor will also connect the new Clear Sky substation to the existing Pennsuco substation, with one 230-kV line. The Levee to Pennsuco portion will run through Doral and Medley. The West Preferred Corridor is 52 miles in length, and the three proposed transmission lines are proposed to be constructed within a single right-of-way up to the existing Levee substation.

Review of Site Certification Applications

The South Florida Regional Planning Council is one of 17 affected agencies actively involved in the review of the application, as identified in §403.507(2)(a), Fla. Stat. The site certification process provides the Council the opportunity to assess the project's consistency with the *Strategic Regional Policy Plan for South Florida* (SRPP).

The power plant units and associated transmission lines are both being reviewed in a single certification proceeding as authorized by the PPSA. The review process for the Plant and Transmission aspects is proceeding on separate but parallel tracks that come together in the certification hearing before the Administrative Law Judge, and a final hearing before the Power Plant Siting Board (the Governor and Cabinet).

Both the power plant and transmission lines will be reviewed by each affected agency, as applicable, for:

- Completeness of information;
- Consistency with land use and zoning ordinances of the site and directly associated facilities that constitute development (county only); and
- Preparation of an agency report addressing matters within the jurisdiction of each agency, as provided by §403.507(2) and §403.526(2), Fla. Stat.

The Council's agency report will contain recommendations that address the impact on the public of the proposed power plant and transmission line corridors, based on the degree to which the proposed power plant and transmission lines are consistent with the applicable provisions of the strategic regional policy plan and other matters within the Council's jurisdiction. (See Sections 403.507(2)(a) 5. and 403.526(2)(a)6., Fla. Stat.)

Completeness Determination

Last October, Council staff determined that the information provided by FPL for the transmission line portion of the application was complete for review. A preliminary statement of issues pertaining to the transmission lines was also submitted at that time. Since three agencies continued to find the application

insufficient to conduct their respective reviews, DEP issued a 4th Determination of Incompleteness in May.

DEP issued a 2nd Completeness Determination in January. FPL submitted additional information on April 13 for agency review. On May 28, Council staff determined the plant/non-transmission portion of the application was incomplete and requested that FPL provide a revised analysis of possible impacts to sea level rise.

Agency Report

Each affected agency will issue a Final Report summarizing the above review parameters and may recommend approval or denial of the application. Conditions of certification on matters within the Council's jurisdiction may also be proposed, pursuant to §403.507(3)(c) and §403.526(2)(b)3., Fla. Stat.

SIXTH REVISED REVIEW SCHEDULE - PROPOSED (as of 05/28/10)		
Requirement	Transmission Lines	Power Plant/Facilities
Preliminary Statement of Issues	N/A	December 08, 2010
Final Report	September 27, 2010	February 11, 2011

Opportunities for Public Involvement

Public Informational Meetings

Section 403.50663, Fla. Stat., allows Miami-Dade County or the South Florida Regional Planning Council to hold an optional informational public meeting. The South Florida Regional Planning Council and Miami-Dade County Planning and Zoning Department co-hosted two, informational, public meetings. The meetings were held on Monday, August 31, 2009, at the City of Homestead's Council Chambers, and Wednesday, September 2, 2009, at University of Miami's BankUnited Center. Attendees were given an overview of the project and the review process. The public had an opportunity to provide comment. Information received will be used to formulate Council staff's recommendations, regarding the application. The purpose of these meetings is for the Regional Planning Council and local government to further inform the public about the proposed facilities, to obtain comments from the public, and to formulate the agencies' recommendations with respect to the proposed facilities, pursuant to §403.5272(1), Fla. Stat.

Alternate Transmission Line Corridor Proposal

Section 403.5271, Fla. Stat., allows any party the opportunity to propose alternate transmission line corridor routes. August 13, 2010 is the deadline to file notice of proposed alternate corridors for transmission lines. The necessary data supporting the alternate route proposal and the appropriate application fee must be submitted by September 10, 2010. The alternate route application fee is \$750 per mile for each mile of the alternate corridor located in an existing right-of-way and \$1,000 per mile if located outside of the existing right-of-way. Final transmission line corridor route approval would be recommended by the ALJ after the certification hearing for final decision by the Power Plant Siting Board (Governor and Cabinet) at the final hearing.

Land Use Hearing

Section 403.50665(4), Fla. Stat. allows a substantially affected party to file a petition for hearing on a local government's land use determination only as it applies to the Turkey Point Site and associated facilities that constitute development. The hearing provides an opportunity for substantially affected parties to give testimony on how the proposed project is inconsistent with the county's land use plan and zoning ordinances. The current determination deadline is November 8, 2010 for Miami-Dade County. If petitions

for hearing are filed by December 20, 2010, the ALJ would schedule a hearing on land use to take place January 19 through January 21, 2011, with a final hearing before the Power Plant Siting Board (Governor and Cabinet) in April 2011.

Certification Hearing

Section 403.508(3)(c), Fla. Stat., allowed non-listed agencies and public interest groups to file a notice of intent by September 14, 2009, to become a party to the proceeding. The final certification hearings provide an opportunity for any person to present oral or written communication regarding the project, to the designated ALJ. The Council is a named party to the certification hearing. The Council must file a notice of intent to be a party before the 90th day prior to the hearing or its right to be a party is waived. Any communication presented will become official record. If the Certification Schedule is not delayed, the certification hearing will be held from June through July 2011 §403.508(2)(a), Fla. Stat.

Upon conclusion of the certification hearings, the ALJ will make a recommendation based on the evidence presented at the Certification Hearing. The recommendation will be forwarded to the Governor and the Cabinet for approval.

Recommendation

Information only.