



STATE OF FLORIDA

DEPARTMENT OF COMMUNITY AFFAIRS

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July 21, 2009

Mr. Mike Halpin, Program Administrator
Department of Environmental Protection
Siting Coordination Office
2006 Blair Stone Road
Tallahassee, Florida 32399

Re: Final Agency Report for Cape Canaveral Power Plant, Site Certification
Application for FPL Cape Canaveral Energy Center

Dear Mr. Halpin:

Florida power & Light Company (FPL) has applied for certification of the Cape Canaveral Energy Center pursuant to Florida Electrical Power Plant Siting Act, section 403.501-403.518, Florida Statutes, (F.S.). This letter serves as the Final Agency Report by the Department of Community Affairs (Department) on the Cape Canaveral Energy Center (CCEC) site certification application.

The site of the CCEC is an existing power plant located at 6000 U.S. 1, between Cocoa and Titusville, in Brevard County, Florida. The two existing units (Units 1 and 2) at the site were built in 1965 and 1969, respectively, and so were not subject to the Power Plant Siting Act. The proposed Energy Center modernization will convert the site and its two existing 400-megawatt (MW) conventional dual-fuel fired generating units and support facilities into a 3-on-1 high-technology combined cycle combustion turbine, consisting of three new advanced combustion turbines (CTs), a heat recovery steam generator (HRSG), and a steam turbine/electric generator. The applicants are proposing that the CCEC be built at the power plant's existing site and be scheduled for commercial operation in 2013.

Under operation, the annual average water demand requirements for the projects are 0.281 million gallons per day (mgd) process water, 0.001 mgd potable water, and 0.003 mgd irrigation water. The utilizes Director for the City of Cocoa, Carl Larrabee Jr., submitted a letter on March 2, 2009, to FPL stating that the City will provide the CCEC site with 0.283 mgd average flow and 0.861 mgd peak flow.

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Department staff has reviewed the completed site certification application and, as proposed have no issues of concern. Previously, during the Preliminary Statement of Issues, the Department identified an issue regarding the CCEC's potable irrigation, and process water that would be supplied by the city of Cocoa not being addressed in the City's Water Supply Work Plan.

The Department has received confirmation from the City of Cocoa that pursuant to Section 163.3177 (6)(c), F.S., the water received by the CCEC have been included in their 10-year water supply facilities work plan in their comprehensive plan. These waters have also been included in the Regional Water Supply Plans by the St. Johns River Water Management District.

If you have any questions regarding this letter, please contact Barbara Lenczewski at (850) 922-1786, or email Barbara.lenczewski@dca.state.fl.us.

Sincerely yours,



Charles Gauhier, AICP, Director
Division of Community Planning

CD/rd

cc: Mr. Phil Laurien, Executive Director, East Central Florida Regional Planning Council
Mr. David Nearing, AICP, Planning Manager, City of Cocoa Planning and Zoning
Mr. Peter Brown, Policy Analyst, St. Johns River Water Management District