

July 1, 2010

Mr. Robert Carr  
Archaeological and Historical  
Conservancy, Inc.  
4800 Davie Road, Suite 107  
Davie, FL 33314

SUBJECT: NOTIFICATION AND REQUEST FOR CONSULTATION AND PARTICIPATION  
IN THE SCOPING PROCESS FOR THE ENVIRONMENTAL REVIEW OF THE  
TURKEY POINT, UNITS 6 AND 7 COMBINED LICENSE APPLICATION

Dear Mr. Carr:

The U.S. Nuclear Regulatory Commission (NRC) staff is reviewing an application submitted by Florida Power & Light Company (FPL) for a combined license (COL) for the construction and operation of two new nuclear power plants (Units 6 and 7) at its Turkey Point site near Homestead, Florida. As part of the review of this COL application, the NRC is preparing an environmental impact statement (EIS) as required by Title 10 of the *Code of Federal Regulations* (10 CFR) Part 51, the NRC regulations that implement the National Environmental Policy Act (NEPA), of 1969, as amended. The U.S. Army Corps of Engineers, Jacksonville District, is a cooperating agency with the NRC for the purpose of complying with NEPA. The NRC staff is currently seeking information from consulting parties and other individuals and organizations likely to have knowledge of, or concerns with, historic properties in the area, to identify issues relating to the proposed undertaking's potential effects on historic properties. The area of potential effect for this COL review is the area at the Turkey Point site and its immediate environs, which may be impacted by land-disturbing activities associated with the construction and operation of the new units.

FPL submitted its application for a COL on June 30, 2009 pursuant to NRC requirements in 10 CFR Part 52. The NRC staff accepted the application for docketing on September 4, 2009. It is available through the web-based version of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible at <http://www.nrc.gov/reading-rm/adams.html>. The environmental report portion of the application is listed under the accession number ML091980548. The Turkey Point COL application is also available on the Internet at <http://www.nrc.gov/reactors/new-reactors/col/turkey-point.html>.

The Turkey Point site consists of approximately 11,000 acres in southeast Miami-Dade County, Florida, approximately 25 miles south of Miami and 4.5 miles east of southeastern municipal limits of Homestead, Florida on Biscayne Bay. The Turkey Point site currently has five operating power plants installed; three fossil units (Units 1, 2 and 5) and two pressurized water nuclear units (Units 3 and 4). The existing units have a combined capacity to generate 3,350 mega watts of electricity. FPL plans to construct two new nuclear units south of the existing units. The new units would be built on an undeveloped island that is surrounded by portions of the cooling canal system associated with Units 1 through 4. Other areas that will be permanently affected on site include the location for a training center just north of the new units,

and a reclaimed water treatment facility northwest of the existing units. Most of the land impacted by on-site activities has been previously disturbed by activities related to the existing five units. Off-site areas that will be impacted include the routes for transmission lines, a route for the pipeline for reclaimed water from Miami, and a borrow pit for fill material. The siting area for new transmission lines will be completely within Miami-Dade County. To the extent practical, FPL expects the transmission lines and pipeline to be run in corridors that already contain other linear facilities. The identified borrow area is currently used for agriculture.

The NRC staff hereby provides notice that the staff will coordinate compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (NHPA), through the requirements of NEPA. In accordance with 36 CFR 800.8(c), the NRC staff is using the process required by NEPA for the preparation of the EIS to comply with Section 106 of the NHPA in lieu of the procedures set forth in 36 CFR 800.3 through 800.6. Accordingly, the NRC staff is identifying parties who may wish to consult with the staff on the proposed action and is inviting them to consult with the NRC staff on this matter. Consultation will include participation in the scoping process; identification of historic properties on the Turkey Point site; assessment of the effects of the proposed action on any historic properties identified; and development of alternatives and proposed measures that might avoid, minimize, or mitigate any adverse effects of the proposed action on historic properties. The NRC staff invites you to participate as a consulting party in this process. If you are interested in being a consulting party, please inform the NRC staff by August 16, 2010. In that event, your organization will receive a copy of the draft EIS along with a request for comments after it is issued. This draft EIS will include an assessment of impacts of construction and operation of the two proposed units, and our preliminary determination. The anticipated publication date for the draft EIS is October 2011.

The NRC staff, in its review, will evaluate the environmental impacts of construction and operation of Turkey Point Units 6 and 7 and will consider alternatives, including alternative sites. FPL has identified four alternative sites that will be evaluated in the EIS. The site area for the new units is in Miami-Dade County, Florida. The four alternate sites to be evaluated in the EIS are located in Glades County (using Lake Okeechobee or the C-43 Channel as a water supply), Martin County (using Lake Okeechobee or the C-44 Channel as a water supply), Okeechobee County (using Lake Okeechobee or the Kissimmee River as a water supply), and St. Lucie County (using the Atlantic Ocean as a water supply). The NRC staff will also evaluate impacts from transmission line rights-of-way and site preparation activities, such as land clearing and excavation, in cumulative impacts analysis.

The NRC staff plans to hold two public NEPA scoping meetings on July 15, 2010 at the Homestead YMCA located at 1034 Northeast 8<sup>th</sup> Street, Homestead, Florida 33030. The first meeting will convene at 1:00 pm, and will continue until approximately 4:00 pm. The second meeting will convene at 7:00 p.m., with a repetition of the overview portions of the first meeting, and will continue until approximately 10:00 p.m. Each meeting will be preceded by a 1-hour open house, during which members of the public may meet and talk with NRC staff members on an informal basis.

Please provide any information, comments, or concerns you feel are appropriate on the scope of the proposed action during the scoping comment period, which ends on August 16, 2010. As requested above, please also inform the NRC staff by that date if you would like to be a consulting party with respect to the proposed action. Comments should be submitted either by mail to the Chief, Rules, Announcements and Directives Branch, Division of Administrative

R. Carr

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Services, Mail Stop TWB-05-B01M, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555-0001 or by e-mail to [TurkeyPoint.COLEIS@nrc.gov](mailto:TurkeyPoint.COLEIS@nrc.gov).

If you have any questions concerning the NRC staff's environmental review of this COL application, please contact Mr. Andrew Kugler, NRC Environmental Project Manager, at (301) 415-2828 or via e-mail at [Andrew.Kugler@nrc.gov](mailto:Andrew.Kugler@nrc.gov), or Ms. Tomeka Terry at (301) 415-1488 or via email at [Tomeka.Terry@nrc.gov](mailto:Tomeka.Terry@nrc.gov).

Sincerely,

**/RA/**

Laurel Bauer, Acting Chief  
Environmental Projects Branch 2  
Division of Site and Environmental Reviews  
Office of New Reactors

Docket Nos.: 52-040 and 52-041

cc: See next page

R. Carr

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Sincerely,

**/RA/**

Laurel Bauer, Acting Chief  
Environmental Projects Branch 2  
Division of Site and Environmental Reviews  
Office of New Reactors

Docket Nos.: 52-040 and 52-041

cc: See next page

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COL - Turkey Point Mailing List

(Revised 05/11/2010)

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