

June 23, 2010

Mr. Reid Nelson, Director  
Office of Federal Agency Programs  
Advisory Council on Historic Preservation  
Old Post Office Building  
1100 Pennsylvania Avenue, NW, Suite 803  
Washington, DC 20004

SUBJECT: REQUEST FOR PARTICIPATION IN THE SCOPING PROCESS FOR THE  
TURKEY POINT UNITS 6 AND 7 COMBINED LICENSE APPLICATION  
REVIEW

Dear Mr. Nelson:

The U.S. Nuclear Regulatory Commission (NRC) staff is reviewing an application submitted by the Florida Power & Light Company (FPL) for a combined license (COL) for construction and operation of two new nuclear power plants 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's regulations that implement the National Environmental Policy Act of 1969, as amended (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 the application for the COL on June 30, 2009, pursuant to the 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 NRC's Agencywide Documents Access and Management System (ADAMS), which can be found at <http://www.nrc.gov/reading-rm/adams.html>. The files for the environmental report portion of the application are 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 affected by on-site activities has been previously disturbed by activities related to the existing five units. Offsite 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 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 the obligations imposed under Section 106 of the National Historic Preservation Act of 1966, as amended (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 EIS will include analyses of potential impacts to historic properties that reflect consultation and will document the NRC staff's determination regarding the suitability of the proposed site for the construction and operation of two new nuclear plants. FPL has also identified four alternative sites that will be evaluated in the EIS. The staff's review will consider alternatives, including an evaluation of the alternative sites.

Through this letter, the NRC staff is initiating consultation under Section 106 of the NHPA with the Council regarding the FPL application. 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). To complete consultation under 36 CFR 800.8(c), the NRC staff will forward the draft EIS to consulting parties for review and comment and will address the comments in the final EIS. Your office will receive a copy of the draft EIS along with a request for comments after it is issued. This draft EIS will include identification of historic properties, assessment of impacts, and our preliminary determination. The anticipated publication date for the draft EIS is October 2011.

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 p.m., and will continue until approximately 4:00 p.m. 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.

R. Nelson

- 3 -

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. Comments should be submitted either by mail to the Chief, Rules, Announcements and Directives Branch, Division of Administrative 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, Environmental Project Manager at 301-415-2828 or by e-mail at [Andrew.kugler@nrc.gov](mailto:Andrew.kugler@nrc.gov). In his absence, please contact Ms. Tomeka Terry at 301-415-1488 or by 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

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

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