

January 6, 2001

APPLICANT: Florida Power and Light Company

FACILITY: Turkey Point Units 3 and 4

SUBJECT: SUMMARY OF SITE AUDIT TO SUPPORT REVIEW OF LICENSE RENEWAL APPLICATION OF TURKEY POINT (TAC NOS. MA9940 AND MA9944)

An environmental review team, consisting of Nuclear Regulatory Commission (NRC) staff and contractors from Pacific Northwest National Laboratory, Lawrence Livermore National Laboratory, and Argonne National Laboratory, participated in a site audit at Turkey Point Units 3 and 4 (Turkey Point) on December 6 and 7, 2000, to support the review of the Turkey Point license renewal application. The review team consisted of ten contractor and four NRC staff. The primary goals of the site visit were to review documentation, gather information to ensure that environmental requirements of license renewal as codified in 10 CFR Part 51 are met, and to interface with officials in State and local government and permitting and resource agencies to obtain related information. Attachment 1 is a list of NRC, contractor, and Florida Power and Light Company (FPL) representatives that participated in the site audit.

The entire team participated in an overview meeting with FPL staff on Wednesday, December 6, 2000, before the environmental scoping meetings held later that day in Homestead, Florida. FPL presented a brief overview of the layout of the plant, and conducted a guided site tour, focusing on areas relevant to the environmental review. These areas included the intake and discharge structures, cooling canal system, meteorological tower, and an ecological tour of the site. During the remainder of the site audit, review team members broke off into smaller groups with FPL representatives with corresponding environmental disciplines. These groups participated in various activities, including an air boat tour of the cooling canal system to view canal and berm maintenance activities and nesting sites for the endangered American crocodile and tours of the circulating water intake traveling screens and radwaste processing equipment. Environmental review team members discussed new and significant information identification methodology and other supporting documentation provided by FPL. No significant new information was identified.

In addition, during the site audit, review team members met offsite with staff representing State and local government agencies and various local business and service agencies, including the Florida State Historic Preservation Office, the Homestead and Florida City Chamber of Commerce, the Dade County Planning Commission, the U.S. Fish and Wildlife Service, and the Biscayne Bay National Park. No major problem areas were identified during these consultations.

At the conclusion of the site visit, the NRC and contractor staff participated in a summary exit meeting with FPL representatives. The staff indicated that FPL provided an informative and well-represented site visit for the environmental review team. In addition, FPL provided the staff with one document and three specific pieces of information, as discussed below.

- (1) FPL provided a copy of a letter dated October 4, 2000 (Attachment 2), from the Executive Director of the State of Florida Coastal Management Program, informing FPL that the proposed license renewal at Turkey Point was generally consistent with the Strategic Regional Policy Plan implementing the Coastal Zone Management Act.
- (2) FPL provided information concerning the economic impact of Turkey Point. Specifically, more than \$60 million dollars annually is added to the local economy as a result of paying \$50 million in payroll salary, \$8 million in taxes, and \$2-to-\$3 million in local purchases and services.
- (3) Turkey Point Units 1 and 2, the fossil fuel generating plants on the same site as Units 3 and 4, require approximately 300 barge shipments per year in order to operate.
- (4) Turkey Point Units 1 and 2 have an approximate 50% availability. When operating, these fossil units burn gas approximately 40% of time and oil approximately 60% of the time.

The NRC staff indicated that it did not identify any other issues during its site visit or the visits offsite with Federal, State, and local agencies. However, it further indicated that the review was ongoing, and that any additional information necessary to support the review would be formally transmitted as a request for additional information.

Signed by J. H. Wilson

James H. Wilson, Senior Project Manager
Generic Issues, Environmental, Financial, and
Rulemaking Branch
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket Nos. 50-250 and 50-251

Attachments: As stated

cc w/ atts: C. Brandt, PNNL
Service List

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Document Name:G:\RGEB\Turkey Point\Site Visit\Site Audit Summary.wpd

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*see previous concurrence

ATTENDEES
ENVIRONMENTAL SITE AUDIT FOR TURKEY POINT
December 6-7, 2000

NAME	COMPANY NAME
BRANDT, C.	PNNL
ESCHBACH, T.	PNNL
HENDRICKSON, P.	PNNL
HICKEY, E.	PNNL
JAKSCH, J.	PNNL
KATO, T.	LAWRENCE LIVERMORE NATIONAL LABORATORY
KUGLER, A.	NRC
LEIGH, K.	NRC
NICKENS, P.	PNNL
RAMSDELL, V.	PNNL
SACKSCHEWSKY, M.	PNNL
STULL, E.	ARGONNE NATIONAL LABORATORY
WILSON, J.	NRC
ZALCMAN, B.	NRC
ABBATIELLO, T.	FPL
BILL, A.	FPL
CLAWSON, C.	FPL
CUDWORTH, J.	TETRA TECH
DANEK, J.	FPL
FLETCHER, S.	FPL
GOULD, A.	FPL
HALE, S.	FPL
HANEK, O.	FPL
HEISTAND, R.	FPL
HINDES, P.	FPL
HIX, R.	FPL
HOVEY, R.	FPL
HOVEY, J.	CONSTELLATION NUCLEAR SERVICES
LAFLEUR, D.	FPL
LINDSAY, J.	FPL

