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 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251
 AUTH. NAME AUTHOR AFFILIATION
 HANKLA, D.J. Interior, Dept. of, Fish & Wildlife Service
 RECIP. NAME RECIPIENT AFFILIATION
 VARGA, S.A. Operating Reactors Branch 1

SUBJECT: Responds to NRC 800619 ltr re util OL amend request. Provides list of potentially threatened & endangered species in proximity to facility. Complete biological assessment should be provided. Outlines info to be included in assessment.

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 TITLE: Change Requests for Environ. Tech Specs (Append B).

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THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF PHYSICS
CHICAGO, ILLINOIS 60637

TO THE DIRECTOR, NATIONAL BUREAU OF STANDARDS

WASHINGTON, D. C. 20535

FROM: DR. J. J. HARRIS, JR.

DEPARTMENT OF PHYSICS, UNIVERSITY OF CHICAGO

CHICAGO, ILLINOIS 60637

RE: A PROPOSAL FOR THE CONSTRUCTION OF A

NEW 100-MEGAELECTRON-VOLT ACCELERATOR

AT THE UNIVERSITY OF CHICAGO

AND FOR THE PURCHASE OF A 100-MEGAELECTRON-VOLT

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ACCELERATOR AT THE UNIVERSITY OF CHICAGO



United States Department of the Interior

FISH AND WILDLIFE SERVICE

15 NORTH LAURA STREET

JACKSONVILLE, FLORIDA 32202

July 14, 1980

Mr. Steven A. Varga
Chief, Operating Reactors Branch #1
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Varga:

We have reviewed the information in your letter of June 19, 1980 regarding Florida Power and Light Company's application to amend its operating license for Turkey Point Plant Unit Nos. 3 and 4 in Dade County, Florida. We have assigned Log No. 4-1-80-A-219 to your project, and we request that you refer to this log number in future correspondence. It appears that some threatened and endangered species may occur in this area, and they are listed below:

Manatee - Endangered
Brown pelican - Endangered
American alligator - Threatened
Loggerhead turtle - Threatened
Green turtle - Endangered
Leatherback turtle - Endangered
Hawksbill turtle - Endangered
Kemp's (Atlantic) Ridley - Endangered
Eastern indigo snake - Threatened

Section 7(c) of the Endangered Species Act of 1973, as amended in 1978, requires Federal agencies to provide a biological assessment for the species which are likely to be affected by construction projects. The biological assessment shall be completed within 180 days after the date on which initiated (or within a mutually agreed time frame), before any contracts for construction are entered into, and before construction is begun. We do not feel that we can adequately assess the effects of the proposed action on listed and proposed species or Critical Habitat (as listed in the Federal Register) without a complete assessment. The following information should be included in the assessment:

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1. Identification of the listed species, species proposed for listing and Critical Habitat determined to be present within the area affected by the proposal.
2. Description of the survey methods used to determine presence of listed species or species proposed for listing with the area.
3. Description of any difficulties encountered in obtaining data and completing proposed studies.
4. Description of the proposed construction project and associated activities.
5. The actual and potential impacts of project or associated activities on listed species, species proposed for listing, or Critical Habitat. In addition to the direct (site related) impacts of project construction the Biological Assessment should include, when applicable, description of:
 - A. Impacts associated with project operation.
 - B. Secondary impacts from activities, such as development, which will be generated by the proposed project.
 - C. The cumulative effects of the proposal on the species and/or its Critical Habitat. Cumulative effects are defined as the direct and indirect impacts of the Federal action under consideration coupled with the identifiable effects of other reasonably foreseeable actions of the Federal agency; other Federal, State, and local agencies; corporations, and individuals upon a species or its Critical Habitat.
6. Where impacts to listed species, species proposed for listing, or Critical Habitat are identified, the assessment should include a discussion of the efforts that will be taken to eliminate, reduce, or mitigate any adverse effects.
7. Conclusions of the agency including recommendations regarding further studies.
8. Any other relevant information.

Should you require additional information on this subject, please contact Mr. Don Palmer, Jacksonville Area Office, 15 N. Laura Street, Jacksonville, Florida 32202, telephone FTS 946-2267 or 2850.

C.

1. The first part of the report discusses the general situation of the country and the progress of the work. It mentions the various departments and the different branches of the service. It also refers to the various committees and the different bodies of the government.

2. The second part of the report discusses the various measures taken by the government to improve the situation of the country. It mentions the various laws and the different decrees. It also refers to the various projects and the different plans.

3. The third part of the report discusses the various results of the work. It mentions the various achievements and the different successes. It also refers to the various problems and the different difficulties.

4. The fourth part of the report discusses the various conclusions of the work. It mentions the various findings and the different observations. It also refers to the various recommendations and the different suggestions.

5. The fifth part of the report discusses the various annexes of the work. It mentions the various documents and the different materials. It also refers to the various tables and the different figures.

After your agency has completed and reviewed the assessment, it is your responsibility to determine if the proposed action "may affect" any of the listed species or Critical Habitat. If the determination is "may affect," you are required to initiate consultation by a written request to our Regional Director, Fish and Wildlife Service, Richard B. Russell Federal Building, 75 Spring Street, S.W., Atlanta, GA 30303. At that time you should provide a copy of the biological assessment and any other relevant information that assisted you in reaching your conclusion. If the determination is "no effect," consultation is not necessary, unless requested by the Fish and Wildlife Service. In that event this office has the authority to concur with your "no effect" decision.

Your attention is also directed to Section 7(d) of the Endangered Species Act, as amended, which underscores the requirement that the Federal agency and the permit or license applicant shall not make any irreversible or irretrievable commitment of resources during the consultation period which in effect would deny the formulation or implementation of reasonable alternatives regarding their actions on any endangered or threatened species.

We appreciate your interest and concern in the preservation of endangered species, and we look forward to minimizing the potential adverse effects of this project through consultation.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "Donald J. Hankla". The signature is fluid and cursive, with the first name "Donald" and last name "Hankla" clearly distinguishable.

Donald J. Hankla
Area Manager

