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 50-251 TURKEY POINT PLANT, UNIT 4, FLORIDA POWER AND LIGHT C 05000251  
 AUTH.NAME AUTHOR AFFILIATION  
 URIG,R.E. FLORIDA POWER & LIGHT CO.  
 RECIP.NAME RECIPIENT AFFILIATION  
 O'REILLY,J.P. REGION 2, ATLANTA, OFFICE OF THE DIRECTOR

SUBJECT: SUBMITS SUPPLEMENTARY REPT TO "1978 ANNUAL NON-RADIOLOGICAL ENVIRON MONITORING REPT."

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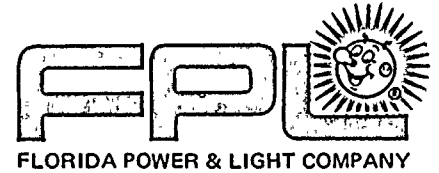
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JUN 5 1979

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May 11, 1979  
L-79-117

Mr. J. P. O'Reilly, Director, Region II  
Office of Inspection & Enforcement  
U. S. Nuclear Regulatory Commission  
101 Marietta Street, Suite 3100  
Atlanta, Georgia 30303

RE: Turkey Point Units 3 & 4  
Docket Nos. 50-250 and 50-251  
Annual Non-Radiological Environmental  
Monitoring Report

Dear Mr. O'Reilly:

Florida Power & Light Company's letter number L-79-74 forwarded the subject report to you in accordance with Environmental Technical Specification 5.4.1. Section III.B.3 of that report indicated that an analysis of the annual aerial photograph would be forwarded as a supplementary report. This supplementary report is attached for your review.

Yours very truly,

R. E. Uhrig  
Vice President

REU/NLR/dcr

Attachment

cc: Director, Office of Inspection & Enforcement (1)  
Director, Office of Nuclear Reactor Regulation (17)  
Robert Lowenstein, Esquire

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TURKEY POINT UNITS 3 & 4  
ANNUAL NON-RADIOLOGICAL ENVIRONMENTAL MONITORING REPORT-1978

III.B.3 Annual Aerial Photographs

A comparative analysis of the 1977 and 1978 aerial photographs of the Turkey Point Plant cooling canal system shows:

1. Vegetation on the embankments within the cooling canal system boundaries appears to have increased in area (percent cover) since 1977. Canal bank vegetation appears to be following hydrologic gradients which originate to the west of the canal system. This growth pattern is especially evident in the northwest section of the canal system. Increases in canal vegetation indicate that viable vegetation communities are developing within the canal system.
2. Vegetation to the east, south, and west of the canal system show no change in cover.

In summary, no major changes in vegetation have occurred between 1977 and 1978 other than an increase in amount of cover by exotic trees. Re-vegetation of the Turkey Point Plant canal banks by native halophytic species is continuing at a slow rate.

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