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FLORIDA POWER & LIGHT COMPANY

June 3, 1982
L-82-234

Mr. James P. O'Reilly
Regional Administrator, Region II
U. S. Nuclear Regulatory Commission
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

Re: ST. LUCIE UNIT 2
DOCKET NO. 50-389
FAN BELT PROBLEM DURING INITIAL
STARTUP OF DIESEL GENERATOR

Ref: Florida Power and Light letter L-82-103, dated March 17, 1982 from Uhrig to O'Reilly

On February 10, 1982, Florida Power and Light identified, via telecon, a potential 10 CFR 50.55(e) condition existing at the site involving the diesel generators (2A and 2B) fan belts. During initial startup and testing excessive vibration of the diesel generators (2A and 2B) fan belts was observed at speeds in excess of 700 rpm. In the above referenced letter, Florida Power and Light indicated that the diesel generator vendor, Power Systems, had been contacted and is working very closely with Florida Power and Light Company to resolve this problem. Currently, at Power Systems request, an outside consultant from Flight Dynamics has been called in to investigate the problem further. Based on this, it is not possible to issue our final report on June 4 as indicated in the above reference. We expect to be able to complete our evaluation and submit a response for this potential 10 CFR 50.55(e) concern by August 20, 1982.

Very truly yours,

Robert E. Uhrig

Robert E. Uhrig
Vice President
Advanced Systems and Technology

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cc: Director of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

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