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February 10, 1984

DOCKET NUMBER 50-322
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BY TELECOPIER

Lawrence Brenner, Esq.
Administrative Judge
Atomic Safety and Licensing
Board
U.S. Nuclear Regulatory
Commission
Washington, D.C. 20555

Dr. George A. Ferguson
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2300 5th Street, N.W.
Washington, D.C. 20059

Dr. Peter A. Morris
Administrative Judge
Atomic Safety and Licensing
Board
U.S. Nuclear Regulatory
Commission
Washington, D.C. 20555

Dear Judges:

Shoreham's diesel generator 102 successfully completed its 7-day endurance run this week. This pre-operational test requires that the diesel generator be run continuously for 7 days and simulates diesel generator performance in a loss-of-coolant accident situation. The 7-day test begins with a one hour run at 3900 KW (the overload rating) followed by 4 hours at 3500 KW (100% load rating) and concludes with the remaining 163 hours at 75% of rated power.

In the course of inspecting the diesel generator following the successful completion of the test, linear indications were noted in the engine block extending from the head holddown stud holes to the upper edge of the cylinder liner landing. These indications were found on the four cylinder areas exposed to date. LILCO is investigating the cause and significance of this condition.

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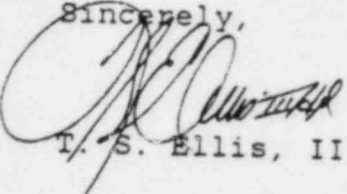
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HUNTON & WILLIAMS

February 10, 1984
Page 2

In light of the hearing now scheduled for February 22, 1984 to consider the County's motion to admit proposed diesel generator contentions, LILCO considers that the Board and the parties should be aware of this information.

Sincerely,



T. S. Ellis, III

75/403

cc: All Parties