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Docket No. 50-322

MEMORANDUM FOR: H. R. Denton, NRR
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THRU: A. Schwencer, Chief
Licensing Branch No. 2, DL

FROM: R. Caruso, Project Manager
Licensing Branch No. 2
Division of Licensing

SUBJECT: DAILY HIGHLIGHT - SHOREHAM

Long Island Lighting Company (LILCo) reported yesterday that it has discovered a crack in the crankshaft of the #101 Emergency Diesel Generator (EDG). The crack is at about the same location as a similar crack found on August 22 on the crankshaft of the #103 EDG, and both are in about the same location as the break in the #102 EDG crankshaft. I understand that the crankshaft of the #101 EDG was fabricated by a different vendor than the other two, so it appears that the problem may be one of design rather than of fabrication.

Original signed by

R. Caruso, Project Manager
Licensing Branch No. 2
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DATE	8/29/83	8/29/83					