



LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION

P.O. BOX 618, NORTH COUNTRY ROAD • WADING RIVER, N.Y. 11792

May 4, 1979

SNRC-384

Mr. Boyce Grier
Office of Inspection & Enforcement
Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

LONG ISLAND LIGHTING COMPANY
Shoreham Nuclear Power Station - Unit 1
Docket No. 50-322

Dear Mr. Grier:

NRC Inspection & Enforcement Bulletin No. 79-09 dated April 17, 1979, required an inspection of General Electric type AK circuit breakers. This inspection was required due to failures of this type breaker in safety related systems. Failure of the breakers to trip as required during undervoltage conditions was caused in part by inadequate preventive maintenance on the breaker trip shaft mechanisms.

A review of the Shoreham design has indicated that none of the type AK breakers as described in the Bulletin have been used in any of the NSS or BOP safety related systems.

The Shoreham design does utilize General Electric type AK-F breakers as field breakers for the Main Generator and for the Recirculation Pump Motor Generator sets. These breakers are non-safety related and utilize a shunt-trip device. Although the trip initiating devices for these breakers are different (shunt-trip vs. undervoltage), excessive trip shaft torque requirements caused by conditions as described in this Bulletin could prevent the tripping of the breakers.

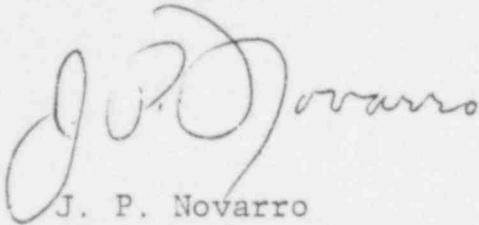
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A copy of this Bulletin and associated General Electric Service Advice Letter shall be forwarded to Plant Staff for incorporation of the applicable corrective actions into the plant maintenance procedures.

Very truly yours,



J. P. Novarro
Project Manager
Shoreham Nuclear Power Station

MAG:jv

cc: Mr. John G. Davis, Director
Office of Inspection & Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20545