

SEP 23 1983

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Mr. M. S. Pollock
Vice President - Nuclear
Long Island Lighting Company
175 East Old Country Road
Hicksville, New York 11801

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Dear Mr. Pollock:

Subject: Trip Setpoints and Allowable Values - Shoreham Nuclear
Power Station

During the NRC staff review of the proposed Shoreham Technical Specifications, several questions arose regarding instrumentation trip setpoints, allowable values, and on-line testing capability. In order to complete our review, we need the additional information described in the enclosure to this letter. We request that within 30 days of your receipt of this letter you provide us with a schedule for submitting this information.

Sincerely,

Original signed by
A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing

Enclosure:
As stated

cc w/enclosure:
See next page

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OFFICE	DL:LB#2/PM	DL:LB#2/BC					
SURNAME	RCaruso:kw	ASchwencer					
DATE	9/27/83	9/27/83					

REQUEST FOR ADDITIONAL INFORMATION

1. As proposed, the Shoreham Nuclear Power Station Technical Specifications contain trip setpoints and allowable values for the protection systems that were obtained by applying the NSSS Vendor's setpoint methodology. For Shoreham the trip setpoints are derived from the allowable values by taking into account sensor drift and trip unit drift. The staff finds this methodology for establishing the trip setpoints and allowable values unacceptable. The purpose of establishing allowable values in the technical specifications was to account for the drift of that portion of the instrument channel that is surveillance tested at 31 day intervals. The allowable values included in the Shoreham Technical Specifications will permit excess channel electronics drift to be hidden by the allowance for sensor drift for those channels where the measurement of sensor drift is not included in the 31 day surveillance test. Therefore, the staff requests that you provide revised technical specification allowable values for those channels assumed to operate in the transient and accident analyses that includes only the drift assumed to occur over a 31 day period for that portion of the channel tested every 31 days.
2. During our review of the Shoreham Technical Specifications, the staff could not determine the degree of on-line testing capability for the protection system actuation logic and other protection system components. After referring to the FSAR, the staff concluded that the information available was insufficient to resolve the concern. Therefore, the staff requests that the applicant provide a detailed discussion regarding the capability for testing protection system actuation logic and other protection system components. This discussion should include but not be limited to the following: sensors, actuation relays, slave relays and actuation logic.