

MAY 12 1982

Docket No. 50-322
Long Island Lighting Company
ATTN: Mr. M. S. Pollock
Vice President - Nuclear
175 East Old Country Road
Hicksville, NY 11801

Gentlemen:

Subject: Inspection 50-322/82-04

This refers to the special inspection of completed construction of an emergency core cooling system ("as-built" inspection) conducted by a team led by Dr. L. Bettenhausen of this office on February 8-26, 1982, at Shoreham Nuclear Power Station, Shoreham, New York, and activities authorized by NRC License No. CPPR-95 and to the discussions of our findings held by Dr. Bettenhausen with you and your staff at the conclusion of the inspection. These discussions included identification of violations and deviations and an assessment of certain design and engineering program controls.

Areas examined during this inspection and findings are described in the NRC Region I Inspection Report which is enclosed with this letter. Based on the results of this inspection, it appears that certain of your activities were not conducted in full compliance with NRC requirements, as set forth in the Notice of Violation, enclosed herewith as Appendix A. These violations have been categorized by severity level in accordance with the NRC Enforcement Policy (10 CFR 2 Appendix C) published in the Federal Register (47 FR 9987) dated March 9, 1982. You are required to respond, following the instructions in Appendix A. Violations 3. and 4. were corrected prior to inspection completion. Your response to these two items need only address steps which will be taken to avoid further violations.

A Notice of Deviation is enclosed as Appendix B. This Notice details deviations from the Shoreham Final Safety Analysis Report observed in this inspection. You are requested to respond to this Appendix and in preparing your response you should follow the instructions in Appendix A. Similar discrepancies have been noted previously. Your reply to Appendix B should also address your plans to meet the provisions of 10 CFR 50.55(d) to bring the original application for an operating license up to date.

This inspection also noted some weaknesses in your programs. These are discussed in Appendix C, Observations. You are requested to inform this office within thirty (30) days of the receipt of this letter of actions taken or planned to improve the weaknesses identified in Appendix C.

In accordance with 10 CFR 2.790(a), a copy of this letter and the enclosure(s) will be placed in the NRC Public Document Room unless you notify this office, by telephone, within ten days of the date of this letter and submit written application to withhold information contained therein within thirty days of the date

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of this letter. Such application must be consistent with the requirements of 2.790(b)(1).

The responses directed by this letter and the accompanying Notice are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

Original Signed By: *S. Ebneter*

for Thomas T. Martin, Director,
Division of Engineering and
Technical Programs

Enclosures:

1. Appendix A, Notice of Violation
2. Appendix B, Notice of Deviation
3. Appendix C, Observations
4. Inspection Report Number 50-322/82-04

cc w/encls:

J. L. Smith, Manager of
Special Projects
Edward M. Barrett, Esq.
Jeffrey L. Futter, Esq.
T. F. Gerecke, Manager, QA Department
Public Document Room (PDR)
Local Public Document Room (LPDR)
Nuclear Safety Information Center (NSIC)
NRC Resident Inspector
State of New York

bcc w/encls:

Region I Docket Room (with concurrences)
L. Narrow, Region I
Chief, Operational Support Section (w/o encls)
R. M. Gallo, RI
B. Bordenick, ELD

RI:DETP *Sette*
Bettenhausen/pja
5/4/82

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RI:DETP
Ebneter
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