



LONG ISLAND LIGHTING COMPANY

175 EAST OLD COUNTRY ROAD • HICKSVILLE, NEW YORK 11801

MILLARD S. POLLOCK
VICE PRESIDENT - NUCLEAR

SNRC-674

March 5, 1982

Mr. Richard W. Starostecki, Director
Division of Resident and Project Inspection
U. S. Nuclear Regulatory Commission, Region I
631 Park Avenue
King of Prussia, PA 19406

NRC Inspection No. 82-02
Shoreham Nuclear Power Station, Unit No. 1
Docket No. 50-322

Dear Mr. Starostecki:

This letter responds to your letter of February 2, 1982, which forwarded the report of the routine inspection of activities authorized by NRC License No. CPPR-95, conducted by Mr. Higgins of your office on January 1-31, 1982. Your letter stated that it appeared that one of our activities was not conducted in full compliance with the NRC requirements, and that one other activity appeared to be a deviation from FSAR commitments.

The apparent noncompliance and our response follow:

Apparent Noncompliance with 10CFR50, Appendix B,
Criterion XVII, FSAR Section 17.1.17A, and the
Engineering Quality Assurance Manual

1. 10CFR50, Appendix B, Criterion XVII; Shoreham FSAR, Section 17.1.17A and the Engineering Quality Assurance Manual, Sections 17.0, 17.3.3 and 17.3.8 require that sufficient records be maintained to furnish evidence of activities affecting quality, such as fabrication.
2. LILCO letter SNRC-566, dated May 15, 1981, in response to Safety Evaluation Report Open Item #14 and to I&E Bulletin 80-07, "BWR Jet Pump Assembly Failure", stated that the jet pump hold-down beam preload force would be reduced from 30,000 pounds to 25,000 pounds.

Contrary to the above, as of January 31, 1982, there were no records maintained to furnish evidence of the jet pump tensioner hydraulic pressure or the jet pump hold-down beam preload force used in the fabrication of the jet pumps during the summer of 1981.

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March 5, 1982
Page Two

Corrective Action and Results

The retensioning of the jet pump hold-down beam bolts was performed in accordance with Engineering and Design Coordination Report (E&DCR) No. F-34619 and Field Disposition Instruction (FDI) No. 104/88524, which are part of Shoreham's permanent plant records. These documents state that the Jet Pump Tensioner pressure shall be limited to 2542+50 psig and that the beam bolt rotation shall be $58^{\circ} + 20^{\circ}$ to verify that the preload in the bolt is maintained when the tensioner is released. While it is true that the gauge reading for the pressure in the tensioner was not required to be recorded, bolt rotations were recorded and written procedures governing the work do exist. Confirmation that work was performed in accordance with the written instructions contained in the FDI is provided through signature on the FDI after the completion of the work and review of submitted records. The signed FDI and associated records are available at Shoreham. It should be noted that the signed FDI was not available at the time of the NRC Inspection because supporting documentation was still in review.

In addition to the above, and as a result of the Inspector's concern, we have requested and received further written confirmation from the contractor who performed this work that the tensioner pressure was maintained at 2542+50 psig during the retensioning of the jet pump hold-down beams.

Steps Taken to Prevent Recurrence

As described above, we believe that adequate records exist to confirm that the jet pump hold-down beam preload force was reduced to 25,000 pounds, therefore no further action is required to prevent recurrence.

Date When Full Compliance Will be Achieved

As described above, we believe that full compliance has been achieved in the implementation of the jet pump beam bolt detensioning as documented in the completed signed-off Field Disposition Instruction.

As agreed with Mr. J. Higgins on March 1, 1982, our response to the apparent deviation reported in your February 2, 1982 letter will be submitted by March 12, 1982.

Very truly yours,

M. S. Pollock

M. S. Pollock
Vice President-Nuclear

STATE OF NEW YORK)
 : SS.:
COUNTY OF NASSAU)

MILLARD S. POLLOCK, being duly sworn, deposes and says that I am a Vice President of Long Island Lighting Company, the owner of the facility described in the caption above. I have read the Notice of Violation dated February 2, 1982, and also the response thereto prepared under my direction dated March 5, 1982. The facts set forth in said response are based upon reports and information provided to me by the employees, agents, and representatives of Long Island Lighting Company responsible for the activities described in said Notice of Violation and in said response. I believe the facts set forth in said response are true.

Millard S. Pollock
MILLARD. S. POLLOCK

Sworn to before me this
5th day of *March*, 1982.

Rosa Lee Oliveros

ROSA LEE OLIVEROS
Notary Public, State of New York
No. 30-4730263
Qualified in Nassau County
Commission expires Mar. 30, 1984