



1 UNITED STATES OF AMERICA
2 NUCLEAR REGULATORY COMMISSION
3 BEFORE THE LICENSING AND APPEALS BOARD

4 - - - - - x

5 In the Matter of: :
6 LONG ISLAND LIGHTING COMPANY : Docket No.
7 (Shoreham Nuclear Power Station : 50-322-01
8 Unit 1) :
9 - - - - - x

10 Washington, D.C.
11 Tuesday, May 15, 1984

12 Deposition of SIMON K. CHEN, called for
13 examination by counsel for Intervenor Suffolk County,
14 New York, in the above-entitled action, pursuant to
15 notice, at the offices of Kirkpatrick, Lockhart, Hill,
16 Christopher & Phillips, Eighth Floor Conference Room,
17 1900 M Street, N.W., Washington, D.C., commencing at
18 9:00 a.m., on Tuesday, May 15, 1984, the witness being
19 first duly sworn by JANE W. BEACH, a Notary Public in
20 and for the District of Columbia, and the proceedings
21 being taken down by Stenomask by JANE W. BEACH, and
22 transcribed under her direction.

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PDR ADOCK 05000322
G PDR

1 parts you will reduce the crack tendency.

2 Q What were you referring to by some of these
3 parts? Which parts?

4 A The liner fits and pads, protrusions. The
5 main clearance I'm talking about is the fits between the
6 liner and the landing and the counterbore of the block.
7 I also made statements such as if I would be TDI I would
8 reduce the firing pressure of this engine by injection.

9 Q I'm sorry?

10 A Injection retarding.

11 Q Why would you reduce the firing pressure?

12 A Because it contributes to the crack that I
13 observed.

14 Q By how much would you want to reduce the
15 firing pressure?

16 A I think the block would be quite safe if you
17 can reduce the firing pressure at the rate of 100
18 pounds, 150 pounds.

19 Q So that means you would reduce it to what
20 level?

21 A Oh, to 1,500 and 1,550 level.

22 Q Were you aware of the large crack