

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of

LONG ISLAND LIGHTING COMPANY

Docket No. 50-322 O.L.

(Shoreham Nuclear Power Station,
Unit 1)

Resolution of Suffolk County
Contention 17, Fire Protection,
Upon LILCO Agreement
to Satisfy County Concerns

Suffolk County Contention 17 concerns the adequacy of the fire protection and detection devices at the Shoreham Nuclear Plant, particularly devices to detect the presence of hazardous toxic gasses in the control room. Suffolk County has argued that LILCO has failed to take adequate fire protection measures.

On April 13, 1982, LILCO prefiled direct testimony on SC 17, setting forth commitments that it is willing to undertake to satisfy the County's concerns. By this Resolution Agreement, LILCO agrees to take further steps, described below, to upgrade the Shoreham fire protection devices, which steps will satisfy the concerns of Suffolk County. Based upon LILCO's agreement to undertake these steps which have been urged by the County, the County no longer needs to pursue SC 17 and the County and LILCO will jointly urge the Licensing Board to terminate litigation of the Contention.

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The steps LILCO hereby agrees to take are:

1. LILCO shall undertake a systematic survey of combustion sources in the control room and the cable spreading room to determine the types of toxic gasses that could be released in a fire in the cable spreading room or the control room. Such a survey will focus particularly on gasses from electrical cable insulation.

2. LILCO shall install and keep operable in the control room a toxic gas detector capable of detecting and warning operators of the presence of the predominant gasses identified in the survey (#1) before they reach a hazardous level. The detector will not need to detect all trace gasses. The device shall be capable of detecting and warning operators of the presence of the predominant potential gasses. The intent is to ensure detection of such gasses before the hazardous level is reached by any gasses.

3. LILCO shall carry out each representation and commitment set forth in the LILCO prefiled testimony of Brian R. McCaffrey on SC 17.

Mr. Marc Goldsmith and Mr. Robert Capstick, Jr., County consultants, shall be consulted by LILCO regarding steps 1 and 2 above, including the scope of the survey and the specifications for the detectors. LILCO agrees to implement any reasonable recommendations which Messrs. Goldsmith and Capstick may make regarding these matters.

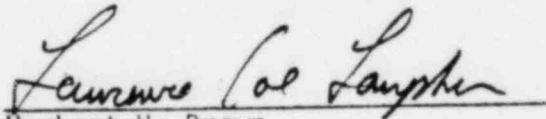
Agreed to this 4th day of MAY, 1982.

Anthony J. Bailey Jr.
LILCO

Lawrence A. Lauffer
SUFFOLK COUNTY

Respectfully submitted,

DAVID J. GILMARTIN
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A handwritten signature in cursive script, reading "Lawrence Coe Lanpher", written over a horizontal line.

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Attorneys for Suffolk County

May 4, 1982

COLLECTED
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In the Matter of)
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LONG ISLAND LIGHTING COMPANY)

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Docket No. 50-322 (O.L.)

CERTIFICATE OF SERVICE

I hereby certify that copies of "Resolution of Suffolk County Contention 2 Diesel Generator Relays, Upon LILCO Agreement to Satisfy County Concerns," and "Resolution of Suffolk County Contention 17, Fire Protection, Upon LILCO Agreement to Satisfy County Concerns," both dated May 4, 1982, have been served upon the following on May 12, 1982, by U.S. mail, first class, postage prepaid.

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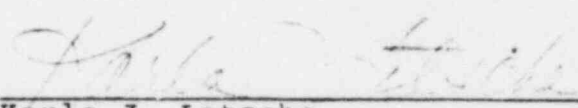
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DATE: May 12, 1982


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