

THIS PUBLIC DOCUMENT 29611

# Reilly and Like

Attorneys at Law  
200 West Main Street  
P. O. Box 218  
Babylon, New York 11702

RELATED CORRESPONDENCE

*Irving Like*  
*Bernard F. Reilly*  
*George Hoffman*  
*Edward A. Brooks, Jr.*  
*Warren J. Lombardi*  
*Richard C. Rand*  
*Carrie J. Constantine*  
*Patricia A. Dempsey*

Telephone (516)  
M. Thaw 9-3000



May 7, 1979

Richard Hoefling, Esq.  
Staff Counsel  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Re: In the Matter of Long Island Lighting  
Company (Shoreham Nuclear Power Station,  
Unit 1) - Docket No. 50-322

Dear Mr. Hoefling:

On April 4, 1979, we received a letter from Joseph F. Scinto, Deputy Director, Hearing Division, enclosing Staff letter entitled "Differences in Procedures for Estimating Atmospheric Dispersion Conditions at Inland and Coastal Sites". A copy of the letter and attachment is enclosed.

The County meteorologist, Mr. John Frizzola, has reviewed this matter and has raised the following questions:

1. Is Staff suggesting that Applicant for licensing of plants sited at coastal locations will have to reanalyze their relative concentrations (ie., dose rate) to include off-shore (ie., over Long Island Sound in the case of Shoreham and Jamesport) winds?

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2. Will such reanalysis then have an effect on decisions with respect to requirements for accident consequence mitigation equipment and systems?
3. Will Staff also require re-evaluation of the manner in which the stability conditions are obtained and also re-evaluation of the flow reversals implicit at coastline sites due to differential heating?
4. The statement does not address any further course of action and is thus incomplete. What further analysis and/or re-evaluation of site meteorology for the affected sites is contemplated?

Please consider this in the nature of a discovery request in the above-captioned matter. The adequacy of the Shoreham site meteorology arises under County Contentions 15a and 16a.

Very truly yours,

*Irving Like (ra)*  
Irving Like

IL/jg

CC: Case Whitemore, Esq.  
(with enclosure)

Mr. John Frizzola  
All active parties to the  
Shoreham proceeding  
(without enclosure)

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