



LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION

P.O. BOX 618, NORTH COUNTRY ROAD • WADING RIVER, N.Y. 11792

May 11, 1982

SNRC-701

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Shoreham Nuclear Power Station - Unit 1
Docket No. 50-322

Dear Mr. Denton:

Enclosed is one copy of LILCO's transmittal to the New York Department of Environmental Conservation containing the proposed aquatic monitoring plan for Shoreham Nuclear Power Station - Unit 1.

This copy is provided for your information as prescribed in Section 3.2 of LILCO's proposed Environmental Protection Plan, submitted to the NRC on February 1, 1982, and to assist in the staffs evaluation of that document.

Should you require any additional information, please contact this office.

Very truly yours,

J. L. Smith
Manager, Special Projects
Shoreham Nuclear Power Station

RWG:mp

cc: J. Higgins
C. Billups
All parties

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LONG ISLAND LIGHTING COMPANY

175 EAST OLD COUNTRY ROAD • HICKSVILLE, NEW YORK 11801

Direct Dial Number

April 30, 1982

Mr. William L. Garvey, P.E.
Chief, Permit Administrative Section
Division of Water
Department of Environmental Conservation
50 Wolf Road
Albany, New York 12233

Shoreham Nuclear Power Station
SPDES Permit No. NY0026344

Dear Mr. Garvey:

Please find enclosed LILCO's proposed aquatic monitoring plan for the Shoreham Nuclear Power Station-Unit 1. This plan is submitted in fulfillment of Requirement No. 5 of Part I of the SPDES permit for this facility.

You will note that the plan encompasses three major areas of monitoring:

- 1) A continuation of the on-going preoperational aquatic monitoring program (which is now in its sixth year of sampling). Annual reports documenting results of the preoperational program have been issued for the years 1977-1981, inclusive. This program, which will be entitled the Offshore Aquatic Monitoring Program (OSAMP), is designed to assess any thermal effects of plant operation.
- 2) A new program to monitor and determine abundance and survival of echthyoplankton entrained into the plant's circulating water system. This will be termed the Entrainment Monitoring Program (EMP).
- 3) A new program to determine abundance and survival of fish impinged upon the plant's travelling water screens. This program will be termed the Impingement Monitoring Program (IMP).

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The sampling plan will be implemented on a schedule determined by the plant's operation date. The proposed schedule is based on information available as of this date and is subject to modification as updated plant schedules are announced.

If you have any questions or suggestions concerning the content, intent or scheduling of the biological monitoring plan, please contact Mr. A. Christopher Gross on (516) 733-4103 or at the above address.

Very truly yours,

ORIGINAL SIGNED BY */scg*

Raymond J. Driscoll, P.E.
Manager
Environmental Engineering Dept.

ACG/cg

cc: Messrs. A. Taormina DEC (Stony Brook)
 D. Fallon " " "
 R. Baker EPA (Region II)

bcc: Messrs. J. Rivello
 R. C. Richards
 J. J. Kearney
 W. E. Faraday
 S. V. Dalton
Env. Eng. File
Eng. File A39.103, W.O. 44430
SR2/A39.103