



LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION

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

Direct Dial Number

December 22, 1983

SNRC-999

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

Offsite Dose Calculation Manual
Shoreham Nuclear Power Station - Unit 1
Docket No. 50-322

Dear Mr. Denton:

The Long Island Lighting Company hereby submits ten (10) copies of Revision 3 to the Offsite Dose Calculation Manual (ODCM). For convenience, the entire ODCM was reprinted and is enclosed with the revised pages incorporated. Revisions are indicated by change bars in the page margin.

This revision addresses questions expressed by members of your staff and completes our response to all concerns identified to date. The following significant items are included in this revision:

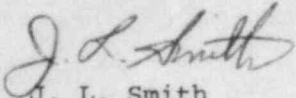
- (1) The upper range of the calibration curves on Figures 2.1-1 through 2.1-4 have been revised to include a range to 2×10^3 Kev.
- (2) Changes resulting in the relocation of a milk goat have been incorporated. The new Radiological Environmental Monitoring Program location is 6B1 and is reflected in Table 5-5.
- (3) Several tables in Section 3.1, which merely reprinted information available in Regulatory Guide 1.109 Rev. 1, have been deleted.
- (4) Tables 3.5-10 and 3.5-11 have been revised to correct inconsistencies.
- (5) The description of the interlaboratory comparison program in Section 6 has been improved.
- (6) Revision 1 to Regulatory Guide 1.109 is now reflected throughout the ODCM.
- (7) Other minor changes and clarifications have been made.

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LILCO believes that the information forwarded herewith should be sufficient to allow staff approval of Shoreham's ODCM. Should you have any questions, please contact this office.

Very truly yours,



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

RCW:ck

cc: C. Petrone
All Parties Listed in Attachment 1

ATTACHMENT 1

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