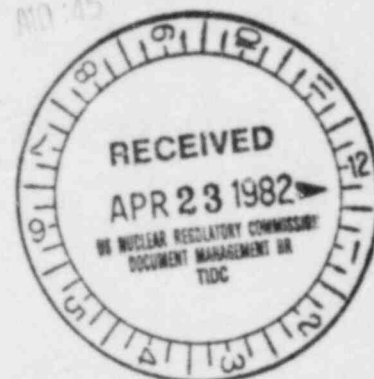


April 20, 1982

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 (OL)
(Shoreham Nuclear Power Station,)
Unit 1))

SUPPLEMENTAL RESPONSE TO SOC'S INTERROGATORIES
ON SOC CONTENTION 19

On April 2, 1982, LILCO answered SOC's questions on SOC Contention 19. This response supplements, revises and supersedes the previous answer regarding SOC Contention 19(b). The new answer reads as follows:

II. SOC Contention 19(b)

A. Regulatory Guide 1.26

1. This answer supplements, revises and supersedes the previous answer. The quality group classifications contained in FSAR Table 3.2.1-1 are based on and consistent with the guidelines in Revision 1 of Reg. Guide 1.26. A statement of this position is contained in Appendix 3B of the FSAR and the demonstration of this position is found in the various pertinent sections of the FSAR relating to each of Shoreham's components, systems and structures. Revision 3 of Reg. Guide 1.26

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was published in February 1976, the month following the docketing of the FSAR. Thus, Revision 3 of Reg. Guide 1.26 was not published until after the quality group classifications found in FSAR Table 3.2.1-1 were developed. A comparison of the Regulatory Positions of Revisions 1 and 3 has now been completed and a listing of these differences is set forth below.

<u>Paragraph</u>	<u>Change</u>	<u>Significance</u>
C.1	Footnote identification is now "3" vs "2"	None-identical footnote
C.1.a	Footnote identification is now "4" vs "3"	None-identical footnote
C.1.c	4th line, added "and bypass" and footnote 5	<p>"And bypass" clarifies boundary of Group B portion of steam system, but the bypass valves remain excluded from Group B - no significant change</p> <p>Per footnote 5, the Shoreham turbine stop and bypass valves are subject to appropriate QA (see FSAR Table 3.2.1-1, pg. 13 of 24, item XXXI.5).</p>
	13th line, added "the shutoff valve or"	<p>Clarifies the credit available for a shutoff valve in main steam or feedwater systems. No impact on Shoreham as feedwater shutoff valve and all piping/valves within are Quality Group A, exceeding Reg. Guide position.</p>
C.1.e	Footnote identification is now "4" vs "3"	None-identical footnote

C.2.a	Footnote identification is now "4" vs "3"	None-identical footnote
	9th line, deleted "either" substituting "(1)"; 10th line, deleted "or" substituting "and (2)"	None-changed from "either/or" criterion to "and" criterion which is less inclusive
C.2.b	Footnote identification is now "4" vs "3"	None-identical footnote
C.2.c	Footnote identification is now "4" vs "3" and "6" vs "4"	None-identical footnotes
C.2.d	General rewrite combining and modifying paragraphs C.2.d and C.2.3 from Rev. 1. Change acts to (1) delete radioactive waste management systems from the scope of the guide and (2) impose Reg. Guide 1.3 meteorology on the offsite dose calculations.	None-application of Reg. Guide 1.3 meteorology does not alter Shoreham classifications (even for radwaste systems)

None of the differences between the Regulatory Positions of Revision 1 and Revision 3 of Reg. Guide 1.26 require or suggest that there be any change in the quality group classifications contained in FSAR Table 3.2.1-1. Accordingly, to the best of our knowledge, the Shoreham Nuclear Power Station complies with Reg. Guide 1.26, Revision 3.

3(a), (b) and (c) not applicable.

B. Regulatory Guide 1.29

1. This answer supplements, revises and supersedes the previous answer. The seismic classifications for the control room habitability systems and radioactive waste systems

contained in FSAR Table 3.2.1-1 are based on and consistent with the guidelines in Revision 1 of Reg. Guide 1.29. The statement of this position contained in Appendix 3B of the FSAR and the demonstration of this position is found in the pertinent sections of the FSAR relating to the control room habitability systems and radioactive waste systems. Revision 3 of Reg. Guide 1.29 was not published until September, 1978, over two years after the docketing of the FSAR. Thus, Revision 3 of Reg. Guide 1.29 was not published until after the seismic group classifications found in FSAR Table 3.2.1-1 were developed. A comparison of the Regulatory Positions of Revisions 1 and 3 for the control room habitability systems and radioactive waste systems has now been completed, and a listing of these differences is set forth below.

<u>Paragraph</u>	<u>Change</u>	<u>Significance</u>
C.1.n	Modified to address only the control room and its associated equipment including equipment used to maintain personnel habitability and equipment environment. Portions addressing failure of other structures, systems or components which could cause incapacitating injury to control room occupants have been moved to Paragraph C.2.	None - no change with respect to control room habitability systems
C.1.p	General rewrite combining and modifying paragraphs C.1.p and C.1.q from Rev. 1. Change acts to (1) delete radioactive waste	None - radioactive waste systems no longer within scope of Reg. Guide 1.29


management systems from the scope of the Reg. Guide and (2) impose Reg. Guide 1.3 meteorology on the off-site dose calculations.

None of the differences between the Regulatory Positions of Revision 1 and Revision 3 of Reg. Guide 1.29 require or suggest that there be any change in the seismic classifications contained in FSAR Table 3.2.1-1 for the control room habitability systems and radioactive waste systems. Accordingly, to the best of our knowledge, the Shoreham Nuclear Power Station complies with Reg. Guide 1.29, Revision 3 for the control room habitability systems and radioactive waste systems.

3(a), (b) and (c) not applicable.

Respectfully submitted,

LONG ISLAND LIGHTING COMPANY



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DATED: April 20, 1982

In the Matter of
LONG ISLAND LIGHTING COMPANY
(Shoreham Nuclear Power Station, Unit 1)
Docket No. 50-322 (OL)

CERTIFICATE OF SERVICE

I hereby certify that copies of LILCO'S SUPPLEMENTAL RESPONSE TO SOC'S INTERROGATORIES ON SOC CONTENTION 19 were served upon the following people by first-class mail, postage prepaid, on April 20, 1982, except for those with an asterick who were served by Federal Express on April 20, 1982.

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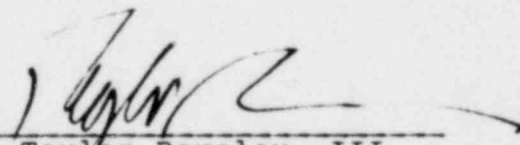
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