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September 3, 1982

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U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dr. James L. Carpenter  
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U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

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

Dear Administrative Judges:

In response to the Board's request of August 27, 1982 (Tr. 10,034), the following is an update of the status of the NRC Staff review of those SER open items impacting the unscheduled contentions in this proceeding:

Remote Shutdown Panel  
(SC 1; Open Item #64)

In a Request for Additional Information transmitted to LILCO July 6, 1982, and forwarded to the Licensing Board on August 2, 1982, the Staff delineated their requirements for the Shoreham Remote Shutdown Panel (RSP) and requested formal documentation. Following several discussions between LILCO and the Staff, LILCO responded to the Staff request with SNRC-757, J. L. Smith to H. R. Denton, dated August 24, 1982.

The Staff, based on SNRC-757, now believes that LILCO has provided sufficient information so that the Staff is performing a review of the material in accordance with the Standard Review Plan and the Staff RSP position set out in the July 6 information request. This review will be completed shortly, and an SER input should be available to the Board and parties within two weeks. In the meantime, the Staff has agreed to meet with Suffolk County and LILCO to discuss settlement of Contention SC 1.

Environmental Qualification

(SC 8/SOC 19(h); SC 32/SOC 19(f); Open Item #9)

As indicated in a letter to the Board dated August 2, 1982, the re-audit of the Shoreham environmental qualification files was conducted June 2 and 3, 1982. Several items of equipment, including the GE Electrical Penetrations (the subject of SC 32/SOC 19(f)) required further documentation. LILCO has indicated that this information will be submitted to the Staff no later than September 10, 1982. The Staff anticipates being able to begin the litigation schedule on SC 32/SOC 19(f) shortly thereafter.

Also due from LILCO by September 10 is a package of interim justifications for non-qualified electrical equipment, and the package of environmental qualification information for mechanical equipment. All this information will be reviewed by the Staff in Bethesda. Assuming a satisfactory submittal the Staff anticipates that by the end of September it will be able to report to the Board and Parties on the closure of both the electrical and mechanical equipment qualification reviews. That would begin the litigation schedule on the overall environmental qualification contention, SC 8/SOC 19(h).

The Staff has also agreed to begin settlement meetings on these contentions in mid-September, after LILCO has made their submittals.

Seismic Qualification

(SOC 19(i); Open Item #8)

In the Staff's last report to the Board and parties on the seismic and dynamic qualification audit, dated July 26, 1982, the Staff indicated that it was attempting to determine whether LILCO had reached the point of 85% qualification and was ready for the second confirmatory audit (SQRT). That question has been resolved and the SQRT audit is being conducted at the Shoreham plant the week of August 31 to September 3. Following completion of the audit the Staff will require approximately two weeks to prepare a trip report/SER input. Whether or not this resolves the item will depend upon the audit results. Therefore, while it is possible that this item will be resolved by mid-September, it is also possible that the review may require a further round of Staff questions.

Containment Isolation

(SC 23; Open Items #36, II.E.4.2., 61)

The Staff's June 29, 1982, "Status Report on SER Open Items," listed three aspects to the review of containment isolation which remained open. The first, described under Item #36, concerned the operability of the 6-inch valves in the vent line. As described in the SER input, W. V. Johnson to R. L. Tedesco, March 8, 1982, attached to the June status report, this item was resolved by LILCO's commitment to demonstrate valve operability by an in-situ test. The NRC Staff, however, will still need the test results to confirm operability prior to fuel load.

The second open item was discussed under Item #II.E.4.2. LILCO has agreed to the addition of a high radiation signal to isolate the purge line. However, LILCO had yet to justify installation of the isolation signal after commercial operation. In SNRC-762, J. L. Smith to H. R. Denton, August 31, 1982, LILCO submitted its justification for late installation. The Staff will be reviewing the submittal promptly. However, at this time it is not known whether or not the Staff will accept the justification.

The third open item, Item #61, concerns LILCO's plans to meet the guidance of NUREG-0803, regarding a break in the scram discharge volume. LILCO's response to this item, dated May 13, 1982, is still being reviewed by the Staff. The review involves several reviewers from several branches. The first Staff questions and requests for further information are due to be transmitted to LILCO the week of September 13, 1982. More questions will follow, as other Staff reviewers complete their review of the LILCO submittal. The Staff does not anticipate completing the entire review of the May 13 submittal until the end of September. The time required beyond that for closure of the item will depend upon the extent of the questions and the time required for LILCO's responses.

Since the last status report to the Board and parties, a potential fourth open item has been discovered in the containment isolation review. In an SER input, T. Speis to T. Novak, August 13, 1982 (made available to the Board and parties during litigation of SC 21), the Staff noted changes in the containment isolation arrangement for non-safety related instrument lines. This item is currently the subject of discussions between NRR and Region I, and may be formally presented to LILCO as a Request for Additional Information during the week of September 13.

Sincerely,

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