



**Commonwealth Edison**  
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July 27, 1983

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

Subject: LaSalle County Station Units 1 and 2  
Evaluation of NUREG-0808 Load Definition  
NRC Docket Nos. 50-373 and 50-374

- References (a): License NPF-11, Condition 2.C.(16).
- (b): C. W. Schroeder letter to A. Schwencer dated September 24, 1982, Design Assessment Report, Revision 10.
- (c): C. W. Schroeder letter to Director of Nuclear Reactor Regulation dated February 28, 1983.
- (d): A. Schwencer letter to D. L. Farrar dated April 13, 1983.

Dear Mr. Denton:

Reference (a) stated:

"Prior to October 1, 1982, the licensee shall submit its confirmatory assessment of the containment design adequacy for pool dynamic loads (chugging, vent lateral and diaphragm reverse pressure) developed in conjunction with the Long Term Program and reported in NUREG-0808."

Reference (b) provided a confirmatory assessment against NUREG-0808 loads in response to this license condition. Following discussions with the staff, the licensee submitted Reference (c) which was evaluated by the NRC. That review was documented in Reference (d), which also provided the staff position that:

"The licensee should perform a detailed review of the design margin available in all the safety-related components affected by the high frequency loads to demonstrate the structural adequacy of the components when subjected to such loads. This approach is being used by the applicant for the Shoreham facility as described in a letter from J. L. Smith to H. R. Denton dated August 20, 1982. The staff believes that this approach is reasonable and attainable without excessive costs to the licensee, and is one which will produce results permitting a clear positive determination of structural adequacy."

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July 27, 1983

This detailed review should be completed as soon as feasible but no later than September 30, 1983 and, should any design modifications to the plant be required (none are expected at this time), they should be completed prior to restart from the first refueling outage."

Commonwealth Edison Company has performed a detailed review and evaluation. Enclosed please find the "Evaluation of NUREG-0808 Load Definition, LaSalle County Station Units 1 and 2, Commonwealth Edison Company." This evaluation cost approximately \$62,000.00 and was prepared solely to address the staff position in Reference (d). As was expected, this evaluation again confirms the conclusions previously reached by Commonwealth Edison Company that the design margin is adequate. We trust that this additional exercise has satisfied the staff and that this issue will be closed. It is requested that the staff expeditiously review this information. From a telecon on July 22, 1983 between Commonwealth Edison Company and Dr. A. Bournia and Mr. D. Terao of your staff it is our understanding that Mr. Terao may desire to review the particulars of this evaluation at the offices of our Architect-Engineer, Sargent & Lundy, during early August. Commonwealth Edison will make our personnel available at your convenience to assist in your review and prompt closure of this issue.

To the best of my knowledge and belief the statements contained herein and in the enclosure are true and correct. In some respects these statements are not based on my personal knowledge but upon information furnished by other Commonwealth Edison and contractor employees. Such information has been reviewed in accordance with Company practice and I believe it to be reliable.

Enclosed for use your are one (1) signed original and forty (40) copies of this letter and the enclosure.

If there are any further questions in this matter, please contact this office.

Very truly yours,

*CW Schroeder* 7/27/83

C. W. Schroeder  
Nuclear Licensing Administrator

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Enclosure

cc: NRC Resident Inspector - LSCS