



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

October 19, 1984

Docket No. 50-382

Mr. J. M. Cain  
President & Chief Executive Officer  
Louisiana Power and Light Company  
317 Baronne Street  
New Orleans, Louisiana 70160

Dear Mr. Cain:

SUBJECT: WATERFORD UNIT 3

In order for the staff to reach a timely decision on licensing of Waterford and to respond fully to several of the questions raised by the Atomic Safety and Licensing Appeal Board in their October 2, 1984 Memorandum and Order, Louisiana Power and Light (LP&L) should provide the following additional information.

Several months ago LP&L retained Mr. Richard Muenow of Muenow and Associates to perform ultrasonic tests on the cracks in the basemat. The staff still has not received a report detailing Mr. Muenow's findings and LP&L's analysis of those findings. It has been over two months since LP&L presented Muenow's preliminary findings to the staff. A final report will allow the staff to present updated information to the Appeal Board.

On page 12 of the Appeal Board's Memorandum and Order it is asked why the cracks in the basemat were not discovered before May 1983. Please provide the staff with your explanation of why this was so.

Additionally, as noted on page 14 of the same document, a discrepancy exists in Harstead Report No. 8304-3. Appendix II of this report indicates Cadweld No. 2W120 is located in Pour 16 whereas, according to Appendix I Pour 16 contains no Cadwelds. Please provide the staff with your explanation of this error and your assurance that it is not indicative of a reliability problem with data supplied to Harstead by LP&L contractors.

There are a number of allegations that concern the construction of the basemat. Issues 7, 11, and 19 of the June 13, 1984 letter from D. G. Eisenhut to J. M. Cain have been responded to by LP&L by letters dated August 27, September 18, and August 10, 1984 respectively. The staff is still awaiting NUS's verification of LP&L's work concerning these issues. To date, the NRC has received NUS verifications for only one of the 17 issues responded to by LP&L. This verification would greatly benefit the staff's followup work on site, and indeed it was the staff's understanding that NUS's verification would follow closely behind LP&L's proposed resolutions. Of particular interest are NUS's verifications of Issues 7, 11, and 19 which deal with the basemat integrity.

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Mr. J. M. Cain

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October 19, 1984

In order for the staff to respond to the Appeal Board by November 15, we request responses by you on these items by October 26, 1984.

Sincerely,

Original Signed By:

Dennis M. Crutchfield, Assistant Director  
for Safety Assessment  
Division of Licensing

cc: See next page

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