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A4.05
QA

April 6, 1990

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Subject: Waterford 3 SES
Docket No. 50-382
License No. NPF-38
Addition of Benchmarks for the
Basemat Surveillance Program

Gentlemen:

Please be advised that LP&L has installed two new benchmarks, for use as part of the Basemat Surveillance Program (Ref: W3P87-1123 dated June 26, 1987). The Basemat Surveillance Program monitors the continued structural integrity of the common foundation basemat for the Nuclear Plant Island Structure as required by Waterford 3 license condition 2.C.17. The benchmarks were installed to increase the efficiency of the survey readings.

Technical Specification 6.8.4.e.1 requires settlement readings of the basemat to be taken periodically. The master benchmark used previously by surveyors to determine the basemat elevations, is physically located approximately one-half mile east of the plant. In result, use of the master benchmark required roughly one extra day of surveying to complete, and hampered the efforts of the surveyors to complete the survey loop in accordance with established surveying procedures and tolerances.

The two new benchmarks are installed in the yard on the east and west sides of the Administration Building at grade elevation (approximately 16.0' MSL). Each benchmark is a stainless steel bar, approximately one inch in diameter, UGS class B, driven to refusal and provided with protective bumper posts. The benchmarks were located to shorten the surveying loop distance, resulting in a more efficient survey. The new benchmarks will be shown on FSAR Figure 1.2.1 as part of the next FSAR revision.

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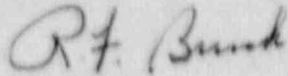
Addition of Benchmarks for the Basemat Surveillance Program

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The installation of the new benchmarks does not revise the content of the previously reviewed Basemat Surveillance Program and therefore may not require formal notification of the NRC. The use of the new benchmarks for the survey was evaluated in accordance with 10CFR50.59, and does not involve an unreviewed safety question or license amendment. However, L&L recognizes that the Basemat Surveillance Program is of specific importance and therefore submits this information for your records.

If you have any questions on this matter, please contact me or L.W. Laughlin at (504) 464-3499.

Very truly yours,



RFB/BRL/ssf

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