



**LOUISIANA
POWER & LIGHT**

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November 28, 1984

W3P84-3319
3-A1.16.07
A4.05

Director of Nuclear Reactor Regulation
ATTN: Mr. Dennis M. Crutchfield, Asst. Director
for Safety Assessment
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

SUBJECT: WATERFORD 3 SES
ADDITIONAL INFORMATION ON BASEMAT
HAIRLINE CRACKS

References: Letter W3P84-3142, K. W. Cook to D. M. Crutchfield, dated
November 7, 1984.

Dear Mr. Crutchfield:

The purpose of this letter is to supplement the additional information provided in the referenced letter. This information was requested by the NRC and Brookhaven National Laboratory personnel at a meeting in Bethesda, Maryland on November 20, 1984.

Attached is Revision 2 of the report entitled "Summary Evaluation Structural Significance of Basemat Nondestructive Testing Results". This revision addresses questions discussed among parties at the November 20, 1984 meeting. Further information regarding the degree of confidence in NDT results, probable causes of cracks, mechanisms for deep narrow cracking, construction controls, shear considerations, slip resistance, etc.

Louisiana Power & Light remains firmly convinced that the cracks, as defined by NDT have no adverse affect on the structural integrity of the basemat. The basemat is fully capable of functioning as required by the design in accordance with the pertinent codes.

Very truly yours,

K. W. Cook by WAC

K. W. Cook
Nuclear Support & Licensing Manager

KWC:plc

ATTACHMENT

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PDR ADOCK 05000382
S PDR

3006
H/C

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Mr. D.M. Crutchfield

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cc: E.L. Blake, W.M. Stevenson, G.W. Knighton, J.M. Knight, J.H. Wilson
G.L. Constable, Project Files, Administrative Support, Licensing Library