



MIDDLE SOUTH
UTILITIES SYSTEM

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POWER & LIGHT

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April 25, 1985

W3P85-1149
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A4.05

Director of Nuclear Reactor Regulation
Attention: Mr. G.W. Knighton, Chief
Licensing Branch No. 3
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUBJECT: Waterford SES Unit 3
Docket No. 50-382
Confirmatory Evaluations of the Postulated
Failure of Containment Coatings

REFERENCES: 1. LP&L Letter, W3P85-1103, dated March 29, 1985
2. LP&L Letter, W3P85-0449, dated February 27, 1985
3. LP&L Letter, W3P85-0130, dated January 17, 1985

Dear Sir:

LP&L conducted evaluations to address the potential adverse effects of the postulated failure of coatings inside containment on post-accident fluid systems. These evaluations were provided to the NRC by letters dated January 17 and February 27, 1985, references two (2) and three (3). The NRC concluded on the basis of the LP&L evaluations that the postulated coating debris generated under DBA conditions would not impair post accident fluid systems performance, reference SSER 10, section 6.1.2.

LP&L also committed in reference two (2) to conduct further confirmatory evaluations, 3D analysis and paint failure mode evaluation. LP&L conducted these evaluations, and LP&L via reference one (1) provided formal confirmation that the 3D analysis and the paint failure mode evaluation further substantiated the conservatism and validity of the original evaluations. Accordingly, as requested by the NRC, this letter provides explanatory information on the 3D analysis and the paint failure mode evaluation. This information is provided in sections IV and VII of the enclosed report. The report has also been updated to include the evaluation provided by reference two (2). Please feel free to contact me or Robert J. Murillo, Safety and Environmental Licensing Unit Coordinator, should you have any questions.

Yours very truly,

K.W. Cook

Nuclear Support & Licensing Manager

KWC/RJM/pcl
Attachment

cc: E.L. Blake, W.M. Stevenson, R.D. Martin, D.M. Crutchfield, J. Wilson,
G.L. Constable

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