

**LOUISIANA  
POWER & LIGHT**

142 DELARONDE STREET • P.O. BOX 8008  
NEW ORLEANS, LOUISIANA 70174-8008 • (504) 388-2345

February 15, 1985

W3P85-0438  
3-A1.01.04  
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  
Environmental Qualification

REFERENCES: (1) Waterford SES, Unit 3, License No. NPF-26  
(2) NRC NUREG-0787, SER, Supplement No. 8

Dear Sir,

Louisiana Power & Light has completed an aging and radiation analysis for all mechanical equipment located in a harsh environment as requested by references one (1) and two (2). The analysis demonstrated the acceptable qualification of all mechanical equipment for the intended service life and environmental conditions.

The analysis was performed in accordance with the Arrhenius accelerated aging technology as specified in the NRC Safety Evaluation Report, Supplements 5 and 8, and amplified in NUREG-0588.

The analysis covered all safety-related valves, pumps, and fans previously submitted under Document Number LW3-1253-83 dated September 14, 1983. Individual analysis reports are available and contain the following information:

- \* Manufacturer
- \* Equipment Type & Size
- \* Location
- \* TAG and UNID Number
- \* Environmental Service Conditions
- \* Accident Service Conditions
- \* Materials of Construction
- \* Service Life

The results of the analysis are being used to update the current LP&L maintenance and surveillance program.

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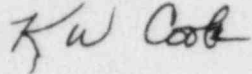
Mr. G.W. Knighton

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Please feel free to contact me or Robert J. Murillo, Safety and Environmental Licensing Unit Coordinator, should you have any questions.

Sincerely,

A handwritten signature in dark ink, appearing to read "K.W. Cook". The signature is fluid and cursive, with the first letters of each word being capitalized and prominent.

K.W. Cook

Nuclear Support & Licensing Manager

KWC/RJM/pcl

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

bcc: R.S. Leddick, R.P. Barkhurst, D.E. Dobson, F.J. Drummond, T.F. Gerrets,  
G.G. Hofer (Ebasco), W.A. Cross (LP&L Bethesda Office), J.W. Veirs (CE),  
R.M. Nelson, R.A. Savoie, G.E. Wuller, P. Christofakis, Project Files,  
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