



**LOUISIANA**  
**POWER & LIGHT**

142 DELARONDE STREET  
P. O. BOX 6008 • NEW ORLEANS, LOUISIANA 70174 • (504) 366-2345

May 10, 1984

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Q-3-A29.11  
3-A1.01.04

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

SUBJECT: Waterford 3 SES  
Docket No. 50-382  
Response to NRC Radwaste Concerns

Dear Sir:

In conversations with Mr. C. Willis of the Meteorology & Effluent Treatment Branch, some final questions were raised regarding handling of radioactive waste. The attached documents the agreed upon responses to these questions. We understand that the attached is adequate to close-out all remaining METB concerns.

Yours very truly,

K. W. Cook  
Nuclear Support & Licensing Manager

KWC/RMF/ch

cc: E.L. Blake, W.M. Stevenson, J.T. Collins, D.M. Crutchfield,  
J. Wilson, G.L. Constable, C. Willis

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#### RESPONSE TO NRC CONCERNS

- (1) Currently, polyethylene sampling bottles (or equivalent) will be used to contain any water pumped from the OSC. If a radiation survey indicates that the water is highly radioactive, the appropriate container will be placed in a wheeled lead shield for transport to the RAB. Following analysis of the sample, the water will be disposed of into the LWMS. In the event this water is spilled, normal cleanup procedures, which include the use of the wet pickup machines, will be followed.
- (2) Laundry transported from the RAB and to the interim dry compacted waste facility will be contained in sealed plastic bags or sealed metal boxes.
- (3) The interim dry compacted waste building was designed with special attention given to ensuring that rain would not penetrate to the interior of the building. However, in the event that water intrusion occurs to the extent that it promotes the spread of radioactivity throughout the building, provisions for preventing and/or mitigating such water intrusion acceptable to the NRC will be implemented.