

50-335

FILE NUMBER

## NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

TO: Mr. Dennis L. Ziemann		FROM: Florida Power & Light Company Miami, Florida Mr. Robert E. Uhrig		DATE OF DOCUMENT 12/3/76
<input checked="" type="checkbox"/> LETTER <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> COPY		<input type="checkbox"/> NOTORIZED <input checked="" type="checkbox"/> UNCLASSIFIED		DATE RECEIVED 12/6/76
PROP		INPUT FORM		NUMBER OF COPIES RECEIVED <i>1 signed</i> 10 copies encl recvd.

DESCRIPTION  Ltr. trans the following:  NOTE: Distribution as per R. Diggs-12/14/76- REACTOR VESSEL OVERPRESSURIZATION DISTRIBUTION PER G. ZECH 10-21-76 * Denotes ltr. only-  PLANT NAME: St. Lucie #1-	ENCLOSURE  Generic Report Overpressure Protection for Operating CE NSSS December 3, 1976  <b>ACKNOWLEDGED DO NOT REMOVE</b>  <i>See Rpts</i>
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SAFETY		FOR ACTION/INFORMATION		12/15/76	RJL
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<input checked="" type="checkbox"/> LIC. ASST:	Diggs				
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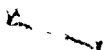
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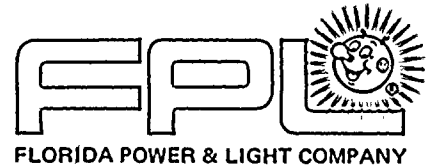
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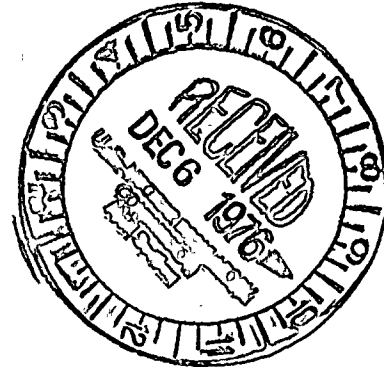
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December 3, 1976  
L-76-414

Office of Nuclear Reactor Regulation  
Attention: Dennis L. Ziemann, Chief  
Operating Reactors Branch #2  
Division of Operating Reactors  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555



Dear Mr. Ziemann:

Re: St. Lucie Unit No.1 Docket No. 50-335  
Generic Report on Overpressure Protection  
For Operating CE NSSS

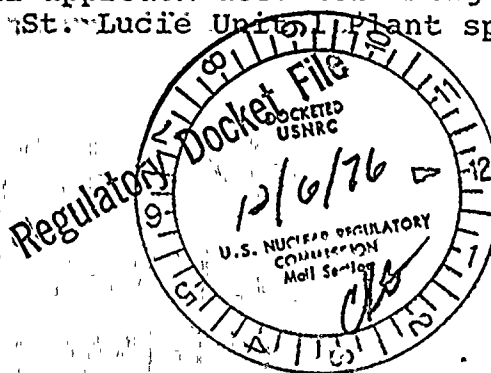
Enclosed herewith is the subject report in accordance with our commitment of November 3, 1976. Since forty copies of this report are being submitted by Northeast Utilities (Docket No. 50-336) only one copy is being forwarded with this submittal. Because this report is generic in nature, specific plant features and modes of operation may not be directly applicable to St. Lucie Unit 1.

The enclosed report presents a description of the design criteria to be used in the design of a mitigating system and the assumptions and methodology to be used in the plant specific analysis which will serve as the basis for the final report, scheduled for submittal by March 31, 1977.

A conceptual approach to mitigation is also presented which includes some possible administrative and hardware modifications. This approach could be used for St. Lucie Unit 1 but is not meant to exclude other possibilities which may be determined more desirable. The final approach used for mitigation will be based primarily on the St. Lucie Unit 1 plant specific analysis.

Very truly yours,

*J. A. Mc Mastey*  
for  
Robert E. Uhrig  
Vice President



12607

REU/GDW/bb

cc: Norman C. Moseley, Region II  
Robert Lowenstein, Esq.



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DOCKET 50-335 - FILING DATED DECEMBER 3, 1976

NOTE: FOR THE GENERIC REPORT ON OVERPRESSURE PROTECTION FOR OPERATING CE NSSS,  
SEE FILING DATED DECEMBER 3, 1976 IN DOCKET NO. 50-317 FOR BALTIMORE  
GAS AND ELECTRIC COMPANY OR DOCKET NO. 50-336 FOR NORTHEAST UTILITIES.



$\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

...and the fact that the system is designed to be self-sustaining.