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 FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co.
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DOCKET # 05000335

SUBJECT: Clarifies 810409 response to NUREG-0737, Item II.E.4.2.5 re containment pressure setpoint. Clarifies bistable input, output & setpoint value.

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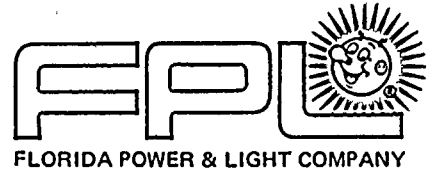
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THE UNIVERSITY OF CHICAGO
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May 27, 1981
L-81-226

Office of Nuclear Reactor Regulation
Attention: Mr. Darrell G. Eisenhut, Director
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Eisenhut:

Re: St. Lucie Unit 1
Docket No. 50-335
Post TMI Requirements

Our letter L-81-163, dated April 9, 1981 transmitted our response to Item II.E.4.2.5. of NUREG-0737, Containment Pressure Setpoint. We have since been requested by our Resident Inspector to clarify the portion of the letter regarding the output of the bistables and the value used for the percentage of the range represented by setpoint. It would appear that the clarification is required due to the nomenclature used in the bistables manufacturer's technical manual, as well as an error found therein.

1. Clarification of Bistable Input/Output

As indicated in L-81-163, the bistable input is 1 to 5 VDC, and the bistable output is 0.5 to 5 VDC which in turn drives the ON-OFF element to produce an output voltage of +15V or 0V from the bistable. The output voltage (0.5 to 5VDC) will also drive a meter.

Thus the real bistable output to the CIS is + 15V or 0V, however the manufacturer considers the modified input (0.5 to 5VDC) as the bistable output which drives the mentioned ON-OFF element.

2. Clarification of the bistable set point

The bistable set point should be 10% of the total range (0.5 to 5VDC) instead of 8.3% stated in our letter.

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Mr. Darrell G. Eisenhut, Director
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The 8.3% figure was taken from the manufacturer's technical manual which was verified to be incorrect. The manufacturer was contacted and it was clarified that the bistable set point is 10% of the bistable output range (0.5V to 5VDC) which corresponds to 0.95 VDC (0.45 + 0.5).

Very truly yours,



Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/JEM/ras

Attachment

cc: Mr. James P. O'Reilly, Region II
Mr. Harold F. Reis, Esquire