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 FACIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250
 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251
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 UHRIG, R.E. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 EISENHUT, D.G. Division of Licensing

SUBJECT: Documents review & conclusions of response to NUREG-0737,
 Item II.E.4.2 re containment isolation dependability. Any
 reduction in setpoint would require replacement of existing
 switches.

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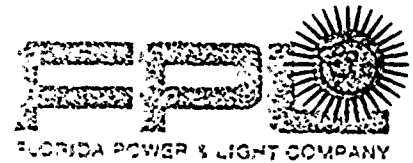
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| | VARGA, S. | 05 | 7 | 7 | | | | | | |
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| | A/D OP REACT | 15 | 1 | 1 | | A/D PLANT SYS | 25 | 1 | 1 | |
| | A/D RAD PROT | 26 | 1 | 1 | | A/D SAFETY AS | 17 | 1 | 1 | |
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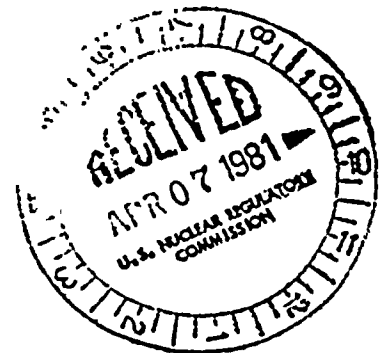


April 2, 1981
L-81-143

Director 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: Turkey Point Units 3 & 4
Docket Nos. 50-250 & 50-251
Post-TMI Requirements



NUREG 0737 contained Item II.E.4.2, Containment Isolation Dependability. In our response to NUREG 0737, we committed to reviewing the minimum containment pressure setpoint for containment isolation and proposing modifications, if any were required. This letter documents our review and conclusions.

The containment pressure history was reviewed, and it has been determined that the maximum recorded pressure during normal operation was 1.1 psig. The containment isolation signal (Phase A) is generated by pressure switches PS-2007, 2008, and 2009 (two out of three) currently set at 4 psig. The switches are Static-0-Ring Model 6NAA2XRR with a range of 2-25 psig. a dead band of 0.5 psig. Therefore, the minimum set point to avoid inadvertent switch actuation with the switches presently installed would be 3.6 psig. However, to preclude inadvertent containment isolation and unnecessary challenges to safeguards systems, an additional margin of 0.4 psig. is added to obtain the setpoint of 4.0 psig. Any reduction in the setpoint would require replacement of the existing switches.

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The Technical Specifications require that the containment pressure setpoint for containment isolation be ≤ 6 psig. This is also the setpoint assumed in the Plant safety analyses. Therefore the 4 psig operating setpoint already incorporates significant safety margin. This margin, and the conservatism built into the safety analyses themselves form the basis of our opinion that the disruption to plant operation and expense of replacement of these pressure switches does not yield any resulting increase in the protection of the health or safety of the public.

Very truly yours,

J. A. de Mastry
for

Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/JEM/mbd

Attachments

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

