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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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SUBJECT: Summarizes enhancements made in nuclear unit power turbine
 runback logic as result of task force review of original
 logic design, as discussed at 840220 meeting & in 840221 ltr.

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Summary of comments made in meeting with power turbine
inlet logic as result of task force review of original
logic design as discussed at B4020 meeting on 11/11/80

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U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Gentlemen:


Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Turbine Runback Logic Modifications

As discussed in the February 20, 1984 meeting with NRC Region II Staff in Atlanta and FPL letter L-84-36 issued February 21, 1984, provided below is a summary of the enhancements which have been made in the nuclear unit power runback logic on both Turkey Point Units 3 and 4 as a result of the task force review of the original logic design.

- A) Enhanced redundancy in the Rod-on Bottom signals in the Rod Position Indication (RPI) rack by providing two separate RPI signals into the turbine runback initiating logic.
- B) Modified the governor runback and load limit runback logics so that either a RPI or a one-out-of-four nuclear instrumentation (NIS) flux rate signal (when selected) will initiate both the turbine governor and load limit runbacks.
- C) Modified the load limit runback logic so that a steam generator feedwater pump breaker trip with turbine first stage pressure above 60 percent load will automatically initiate a turbine runback.

Should there be any questions on this information, please contact us.

Very truly yours,


C. O. Woody
Group Vice President
Nuclear Energy

COW/SDF/gp

cc: Dr. J. Nelson Grace, Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant

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