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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: Submits PRA update per 910625 response to GL 88-20.

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U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
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Gentlemen:

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Probabilistic Risk Assessment Update

In response to Generic Letter 88-20, "Individual Plant Examination for Severe Accident Vulnerabilities," by letter L-91-184 dated June 25, 1991, Florida Power & Light Co. (FPL) submitted the results of the Individual Plant Examination (IPE) for Severe Accident Vulnerabilities for Turkey Point Units 3 and 4. The IPE results for Turkey Point calculated a Core Damage Frequency (CDF) of 1.0E-04 per reactor-year (note, the IPE model calculated CDF of 9.85E-05 per reactor-year was rounded up to 1.0E-04).

Since the original submittal, the Turkey Point Probabilistic Risk Assessment (PRA) model used to determine the CDF has been updated to reflect modifications since 1990, to implement modeling improvements, and to incorporate PRA application insights. While not all the changes reduced the CDF, the net effect of the changes resulted in a reduction in the calculated CDF for Turkey Point Units 3 and 4. The current PRA model calculates a CDF of 6.63E-05 per reactor-year, which represents approximately a 33 percent reduction in the CDF.

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

Very truly yours,

T. F. Plunkett
Vice President
Turkey Point Plant

OIH

- cc: S. D. Ebnetter, Regional Administrator, Region II, USNRC
- T. P. Johnson, Senior Resident Inspector, USNRC, Turkey Point Plant
- E. L. Jordan, Director, Office for Analysis and Evaluation of Operational Data, USNRC
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