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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 Operating Reactors

SUBJECT: Forwards tables containing max predicted values of Fq for Unit 3,for life of Cycle 7,& Unit 4,Cycle 6 for burnup greater than 3,770 MWD/MTU,Tables forwarded for info only.

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FLORIDA POWER & LIGHT COMPANY

March 3, 1980
L-80-68

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

Dear Mr. Eisenhut:

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Maximum Predicted F_q

The attached tables contain the maximum predicted values of F_q for Turkey Point Unit 3, Cycle 7 for the life of the cycle, and Turkey Point Unit 4, Cycle 6 for burnup greater than 3,770 MWD/MTU. The attached tables, which summarize the results of 18-case analyses, are submitted to you for information only.

Very truly yours,

Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/RAK/ah

Attachments

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

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TABLE 1

Turkey Point Unit 3 - Cycle 7
Maximum $[F_Q^T \times P_{Rel}]$ versus Axial Height
During Normal Operation

Core Height (Feet)	Max $[F_Q^T \times P_{Rel}]$
0.0	0.77
0.5	1.56
1.0	1.91
1.5	1.99
2.0	1.97
2.5	1.93
3.0	1.91
3.5	1.95
4.0	1.98
4.5	2.01
5.0	2.02
5.5	2.03
6.0	2.03
6.5	2.02
7.0	1.99
7.5	1.98
8.0	1.98
8.5	1.96
9.0	1.93
9.5	1.88
10.0	1.82
10.5	1.82
11.0	1.73
11.5	1.40
12.0	0.72

TABLE 1

TURKEY POINT UNIT 4 - CYCLE 6

Maximum $[F_Q^T \times P_{Rel}]$ versus Axial Height

During Normal Operation

Valid for Cycle 6 Burnup

Between 3770 - 13000 MWD/MTU

Core Height (Feet)	Max $[F_Q^T \times P_{Rel}]$
0.0	0.78
0.5	1.46
1.0	1.80
1.5	1.97
2.0	2.01
2.5	1.97
3.0	1.95
3.5	1.94
4.0	1.92
4.5	1.90
5.0	1.88
5.5	1.86
6.0	1.85
6.5	1.84
7.0	1.83
7.5	1.82
8.0	1.80
8.5	1.80
9.0	1.81
9.5	1.80
10.0	1.82
10.5	1.79
11.0	1.67
11.5	1.37
12.0	0.73