

Copies to: K. N. Harris, J. H. Barrow, C. A. Wells,
G. M. Vaux, R. R. Jennings, R. K. Ryall, QA



Offsite: A. D. Schmidt, J. R. Bensen, C. O. Woody,
M. A. Schoppman, R. E. Uhrig

St. Lucie Plant
December 15, 1977

TO: Mr. J. P. O'Reilly, Director, Region II
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Atlanta, Georgia 30303

FROM: Mr. K. N. Harris, Plant Manager
St. Lucie Plant - DPR 67
Florida Power & Light Company
Ft. Pierce, Florida

SUBJECT: MEMO FOR FACSIMILE TRANSMISSION TO CONFIRM
REPORTABLE OCCURRENCE 335-77-50

This memo confirms our verbal notification of the subject fourteen day reportable occurrence made today to Mr. M. V. Sinkule and Mr. E. C. Parker of your office as follows:

OCCURRENCE - Mr. Harris informed Mr. Parker and Mr. Sinkule of the following: CE has notified us (approximately 4:30 P.M. 12/14/77) that the methodology used in applying experimental data to calculations of peaking factors is being reviewed by the NRC. Changes to the methodology requested by the NRC show that the original calculations are somewhat non-conservative. The total amount of change is about 5%; however, CE has done analysis, taking into account other margins and conservatisms available, and the net effect is to reduce our allowable Peak Linear Heat Generation Rate by 1/2% (Tech. Spec. Figure 3.2.1) This will also reduce maximum allowable power when operating with only Excore flux detectors (T.S. 4.2.1.3) by 1/2% (a factor of 1.005 less than previously allowed.)

CORRECTIVE ACTION - We are making the necessary changes to set-points and procedures and have reviewed our records and verified we have not exceeded the new limit (14.726 Kw/ft vs. original 14.8 Kw/ft). We believe this is a prompt report item per Reg. Guide 1.16, C.2.a.8. We expect that CE will be meeting with the NRC soon to provide full information on this (generic) item. Mr. Parker and Mr. Sinkule had no further comments at this time.

K. N. Harris
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Plant Manager
St. Lucie Plant

KNH:RRJ:bj

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