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 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co. 05000389
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 GOLDBERG, J.H. Florida Power & Light Co.
 RECIPIENT NAME RECIPIENT AFFILIATION
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SUBJECT: Submits status of 10CFR50.62 mods as of 890920, per 890301 meeting.

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SEPTEMBER 29 1989

L-89-353
10 CFR 50.62

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

Gentlemen:

Re: St. Lucie Unit Nos. 1 and 2
Docket Nos. 50-335 and 50-389
Anticipated Transients Without Scram

On March 1, 1989, Florida Power & Light Company (FPL) met with the NRC to discuss the conceptual design of the St. Lucie Units 1 and 2 plant modifications to meet 10 CFR 50.62, "Requirements for reduction of risk from anticipated transients without scram (ATWS) events for light-water-cooled nuclear power plants." In that meeting, the Staff requested bi-monthly updates on the modifications implementation status. Attached is the status of the 10 CFR 50.62 modifications at St. Lucie Units 1 and 2 as of September 20, 1989.

Should there be any questions, please contact us.

Very truly yours,

R. J. Costa
for

J. H. Goldberg
Executive Vice President

JHG/EJW/gp

Attachment

cc: Stewart D. Ebnetter, Regional Administrator, Region II,
USNRC
Senior Resident Inspector, USNRC, St. Lucie Plant

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10 CFR 50.62
IMPLEMENTATION STATUS AS OF SEPTEMBER 20, 1989
ST. LUCIE UNITS 1 AND 2

1. The status of engineering activities for implementation of 10 CFR 50.62 is:

Unit 1

- ATWS modifications upfront design complete.
- Detailed design of the Engineered Safety Feature Actuation System (ESFAS) cabinets modifications required by the Diverse Scram System (DSS) additions are continuing and are on schedule for completion by November 17, 1989.
- Engineering design of the Auxiliary Feedwater Actuation System (AFAS) matrix relay card addition is scheduled to be completed by October 27, 1989.
- The NRC Safety Evaluation approving the St. Lucie Units 1 and 2 ATWS conceptual design, dated September 6, 1989, (J. A. Norris to C. O. Woody) is under review.
- Draft finite element analysis of modified ESFAS cabinets reviewed. The final report is in preparation.

Unit 2

- ATWS modifications implementation schedule finalized for 1990 outage implementation.
- Preliminary design of ESFAS and AFAS cabinets modifications initiated.

2. The status of procurement activities for implementation of 10 CFR 50.62 is:

Consolidated Controls Corporation (CCC):

Unit 1

- Module prototypes completed, inspected, and accepted. On site ESFAS module testing to be complete by October 20, 1989.
- Module computer aided design complete.
- ESFAS panel modification design complete - fabrication and drawings on schedule for completion by October 31, 1989.

