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ACCESSION NBR: 9007260248 DOC. DATE: 90/07/19 NOTARIZED: NO DOCKET # 05000389
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SUBJECT: Forwards implementation status of 10CFR50.62 mod at facility.

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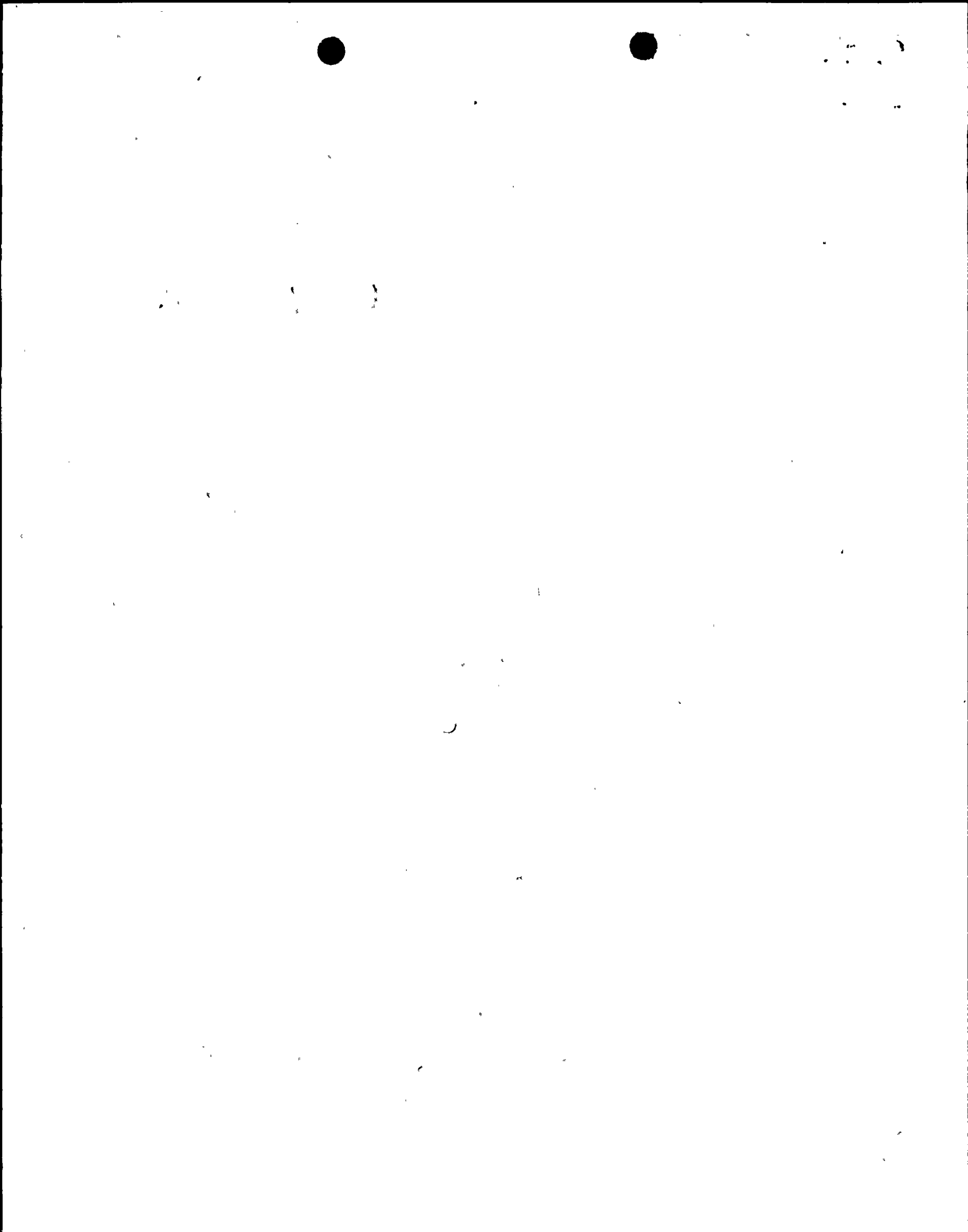
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JUL 19 1990

L-90-273
10 CFR 50.62

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


Gentlemen:

Re: St. Lucie Unit 2
Docket 50-389
Anticipated Transients Without Scram

On March 1, 1989, Florida Power and Light Company (FPL) met with the NRC to discuss the conceptual design of the St. Lucie Unit 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 Unit 2 as of July 16, 1990.

Should there be any questions, please contact us.

Very truly yours,

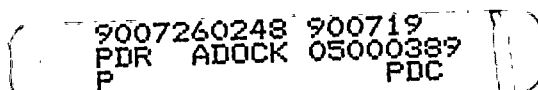

D. A. Sager
Vice President
St. Lucie Plant

DAS:JMP:kw

Attachment

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

DAS/PSL #215



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ATTACHMENT

**10 CFR 50.62
IMPLEMENTATION STATUS
AS OF JULY 16, 1990
ST. LUCIE UNIT 2**

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

The Plant Change/Modification packages necessary for installing the ATWS systems on St. Lucie Unit 2 have been completed by Nuclear Engineering and transmitted to the St. Lucie Plant for implementation.

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

Eaton-Consolidated Controls (ECC):

- On-site Diverse Scram System (DSS) prototype module testing was successfully completed at the end of May.
- Hardware procurement is complete, and fabrication of the St. Lucie Unit 2 Engineered Safety Features Actuation System (ESFAS) module is in progress. Completion is expected by September 30.

Combustion Engineering (CE):

- Fabrication of the St. Lucie Unit 2 Auxiliary Feedwater Actuation System (AFAS) module is in progress. Completion is expected by September 1.