

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9111140102 DOC.DATE: 91/11/05 NOTARIZED: NO DOCKET #
 FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co. 05000335
 AUTH.NAME AUTHOR AFFILIATION
 SAGER, D.A. Florida Power & Light Co.
 RECIP.NAME RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

SUBJECT: Advises of peak clad temp (PCT) calculated for cycle 11
 which has changed by more than 50 degrees. Calculated PCT
 changed from 2092 degrees F to 1944 degrees F. Difference due
 to pellet clad gap width & lower initial fuel stored energy.

DISTRIBUTION CODE: A001D COPIES RECEIVED: LTR 1 ENCL 0 SIZE: 1
 TITLE: OR Submittal: General Distribution

NOTES:

| | RECIPIENT | | COPIES | | | RECIPIENT | | COPIES | |
|-----------|-----------------|--|--------|------|--|--------------------|--|--------|------|
| | ID CODE/NAME | | LTTR | ENCL | | ID CODE/NAME | | LTTR | ENCL |
| | PD2-2 LA | | 1 | 1 | | PD2-2 PD | | 1 | 1 |
| | NORRIS, J | | 2 | 2 | | | | | |
| INTERNAL: | ACRS | | 6 | 6 | | NRR/DET/ECMB 7D | | 1 | 1 |
| | NRR/DET/ESGB | | 1 | 1 | | NRR/DOEA/OTSB11 | | 1 | 1 |
| | NRR/DST 8E2 | | 1 | 1 | | NRR/DST/SELB 7E | | 1 | 1 |
| | NRR/DST/SICB8H7 | | 1 | 1 | | NRR/DST/SRXB 8E | | 1 | 1 |
| | NUDOCS-ABSTRACT | | 1 | 1 | | OC/LFMB | | 1 | 0 |
| | OGC/HDS3 | | 1 | 0 | | REG FILE 01 | | 1 | 1 |
| | RES/DSIR/EIB | | 1 | 1 | | | | | |
| EXTERNAL: | NRC PDR | | 1 | 1 | | NSIC | | 1 | 1 |

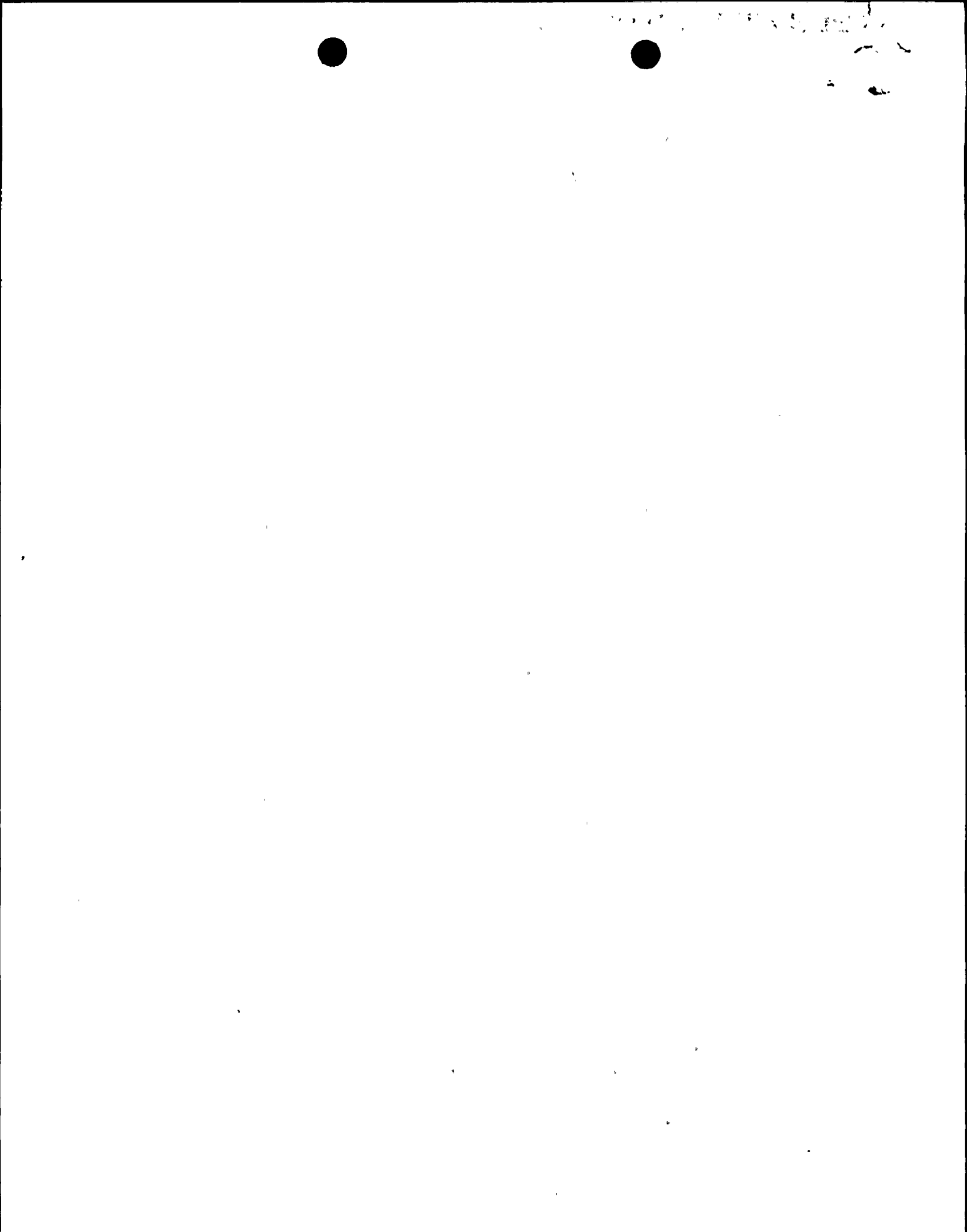
NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,
 ROOM P1-37 (EXT. 20079) TO ELIMINATE YOUR NAME FROM DISTRIBUTION
 LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 24 ENCL 220

m/A

R
I
D
S
/
A
D
D
S





November 5, 1991

L-91-300
10 CFR 50.46

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

Gentlemen:

Re: St. Lucie Unit 1
Docket No. 50-335
10 CFR 50.46, "Acceptance Criteria for
Emergency Core Cooling Systems In Light
Water Nuclear Power Reactor" - 30 day report

Florida Power and Light Company (FPL) reports per 10 CFR 50.46 (a)(3)(i) that there is a new peak clad temperature (PCT) calculated for the St. Lucie Unit 1 cycle 11 core which has changed by more than 50 degrees. The calculated PCT changed from 2092 degrees F to 1944 degrees F. There has been no change or errors found in the model used to calculate PCT. This difference in PCT is due to the reduced pellet clad gap width and the resulting lower initial fuel stored energy of this new cycle design. The ECCS limiting transient supplier for St. Lucie Unit 1 is Advanced Nuclear Fuels.

Should you have any questions please contact us.

Very truly yours,

D. A. Sager
Vice President
St. Lucie Plant

DAS/JWH/kw

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

DAS/PSL #553-91

9111140102 911105
PDR ADOCK 05000335
P PDR

A001
1/0

102A
41

102A