

50-335

## NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

TO: Mr. V. Stello

FROM: Florida Power & Light Co.  
Miami, Fla.  
R.E. UhrigDATE OF DOCUMENT  
4-17-78DATE RECEIVED  
4-18-78☒ LETTER☒ NOTORIZED

PROP

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☐ COPY☐ UNCLASSIFIED

XX

1 SIGNED / 1 AFF

DESCRIPTION Ltr requesting withholding from public disclosure pursuant to Sect. 2.790 the following PROP info.....1P.....

ENCLOSURE NON-PROP - Increased Water Hole Peaking in Operating Reactors (CEN-89(F) NP.....30P est....

PROP INFO - CEN-89(F) - P entitled "Increased Water Hole Peaking in Operating Reactors"...35P est..

W/ AFF: DAVID NOTARIZED

3-31-78

(see reports)

PLANT NAME: St. Lucie Unit 1 DHL 4-19-78

Repro Ltr's &amp; AFF.

10 CYS PROP  
10 CYS NP - 4 ADV'D TO P.M.  
OTHERS TO THOSE INDICATED

## SAFETY

## FOR ACTION/INFORMATION

## ENVIRONMENTAL

ASSIGNED AD:

ASSIGNED AD: V. MOORE (LTR)

BRANCH CHIEF: #8,9,10

R. REID

BRANCH CHIEF:

PROJECT MANAGER:

PROJECT MANAGER:

LIC. ASST:

LIC. ASST:

LTR &amp; AFF

H. SMITH

B. HARLESS

## INTERNAL DISTRIBUTION

|  |                |                    |                  |
|--|----------------|--------------------|------------------|
| <input checked="" type="checkbox"/> REG FILES #1 & 2 | SYSTEMS SAFETY | PLANT SYSTEMS      | SITE SAFETY &    |
| <input checked="" type="checkbox"/> NRC PDR NP       | R. MATTSON     | TEDESCO            | ENVIRON ANALYSIS |
| <input checked="" type="checkbox"/> I & E #3         | SCHROEDER      | BENAROYA           | DENTON & MULLER  |
| OEID   |                | LATVAS             | CRUTCHFIELD      |
| GOSSICK & STAFF                                      | ENGINEERING    | IPPOLITO           |                  |
| HANAUER  | KNIGHT         | F. ROSA            | ENVIRON TECH     |
| WPC  | BOSNAK         |                    | ERNST            |
| CASE   | SIHWEIL        | OPERATING REACTORS | BALLARD          |
| ROYD   | PAWLICKT       | STELLO             | YOUNGBLOOD       |
|  |                | EISENHUT           |                  |
| PROJECT MANAGEMENT                                   | REACTOR SAFETY | SHAO #4 & 5        | SITE TECH        |
| SKOVHOLT   | ROSS           | BAER #6 & 7        | GAMMILL (2)      |
| P. COLLINS   | NOVAK          | BUTLER             |                  |
| HOUSTON  | ROSZTOCZY      | GRIMES             | SITE ANALYSIS    |
| MELTZ  | CHECK          |                    | VOLLMER          |
| HELMES   |                |                    | BUNCH            |
| SR   | AT & I         |                    | J. COLLINS       |
|  | SALTZMAN       |                    | KREGER           |
|  | RUTBERG        |                    |                  |

## EXTERNAL DISTRIBUTION

## CONTROL NUMBER

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| NSIC   |          |  |
| REG V (J. HANCHETT)                                    |          |  |
| <input checked="" type="checkbox"/> 16 SENT CATEGORY 1 | TO ACRS  |  |
| LTRS   |          |  |

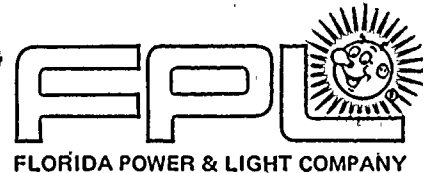
781080294

MA 2

SD



REGULATORY DOCKET FILE COPY



April 17, 1978  
L-78-136

Director of Nuclear Reactor Regulation  
Attention: Mr. Victor Stello, Director  
Division of Operating Reactors  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

US NRC  
REGULATION SERVICES  
BRANCH

3 APR 18 PM 4 33

RECEIVED DISTRIBUTION  
SERVICES UNIT

Dear Sir:

Re: CEN-89(F)-P, "Increased Water  
Hole Peaking in Operating Reactors  
(St. Lucie-1)", March 30, 1978  
Docket No. 50-335

Enclosed for your information and use are eleven copies (Copy Nos. 000001 through 000011) of Combustion Engineering, Inc., proprietary report CEN-89(F)-P, "Increased Water Hole Peaking in Operating Reactors (St. Lucie-1)", March 30, 1978. Eleven non-proprietary versions are also enclosed. These copies supersede the ten copies (Copy Nos. 000001 through 000010) of the C-E proprietary report CEN-89(F)-P, "Solutions to Increased Water Hole Peaking in Operating Reactors (St. Lucie-1)", March 10, 1978, sent to you by my letter L-78-114 dated March 31, 1978. If possible, we would appreciate the return of those ten copies of the March 10 report.

Due to the proprietary nature of the material contained in the enclosed reports, we request that they be withheld from public disclosure in accordance with 10 CFR 2.790 and that the material be safeguarded. An affidavit addressing the bases for this classification is enclosed.

Very truly yours,

*J. A. McCreary*  
for

Robert E. Uhrig  
Vice President

REU:LLL:sl  
Attachments

cc: Mr. James P. O'Reilly, Region II  
(w/o enclosure)  
Harold F. Reis, Esquire (w/o enclosure)

781080294

OF  
OFFICERS

1953 IN 1953

1953 IN 1953

1953 IN 1953

AFFIDAVIT PURSUANT

TO 10 CFR 2.790

Combustion Engineering, Inc.       )  
State of Connecticut                )  
County of Hartford                  )     SS.:

I, A. E. Scherer depose and say that I am the Manager, Licensing of Combustion Engineering, Inc., duly authorized to make this affidavit, and have reviewed or caused to have reviewed the information which is identified as proprietary and referenced in the paragraph immediately below. I am submitting this affidavit in conformance with the provisions of 10 CFR 2.790 of the Commission's regulations and in conjunction with the application of Florida Power and Light Company for withholding this information.

The information for which proprietary treatment is sought is contained in the following document:

CEN-89(F)-P, "Water Hole Peaking In Operating Reactors, (St. Lucie-1)," March 30, 1978.

This document has been appropriately designated as proprietary.

I have personal knowledge of the criteria and procedures utilized by Combustion Engineering in designating information as a trade secret, privileged or as confidential commercial or financial information.

Pursuant to the provisions of paragraph (b) (4) of Section 2.790 of the Commission's regulations, the following is furnished for consideration by the Commission in determining whether the information sought to be withheld from public disclosure, included in the above referenced document, should be withheld.

1. The information sought to be withheld from public disclosure are results of pin power peak calculations using a multigroup transport theory technique, descriptions of improvements in thermal margin/low pressure trip synthesis and the descriptions of the effects of TORC/CE-1 on DNB calculations, which are owned and have been held in confidence by Combustion Engineering.

2. The information consists of test data or other similar data concerning a process, method or component, the application of which results in a substantial competitive advantage to Combustion Engineering.

3. The information is of a type customarily held in confidence by Combustion Engineering and not customarily disclosed to the public. Combustion Engineering has a rational basis for determining the types of information customarily held in confidence by it and, in that connection, utilizes a system to determine when and whether to hold certain types of information in confidence. The details of the aforementioned system were provided to the Nuclear Regulatory Commission via letter DP-537 from F.M. Stern to Frank Schroeder dated December 2, 1974. This system was applied in determining that the subject documents herein are proprietary.

4. The information is being transmitted to the Commission in confidence under the provisions of 10 CFR 2.790 with the understanding that it is to be received in confidence by the Commission.

5. The information, to the best of my knowledge and belief, is not available in public sources, and any disclosure to third parties has been made pursuant to regulatory provisions or proprietary agreements which provide for maintenance of the information in confidence.

6. Public disclosure of the information is likely to cause substantial harm to the competitive position of Combustion Engineering because:

a. A similar product is manufactured and sold by major pressurized water reactors competitors of Combustion Engineering.

b. Development of this information by C-E required hundreds of man-hours of effort and thousands of dollars. To the best of my knowledge and belief a competitor would have to undergo similar expense in generating equivalent information.

c. In order to acquire such information, a competitor would also require considerable time and inconvenience related to developing a multigroup transport calculation method, conducting critical experiments and using improved calculational methods in setpoint development.

d. The information required significant effort and expense to obtain the licensing approvals necessary for application of the information. Avoidance of this expense would decrease a competitor's cost in applying the information and marketing the product to which the information is applicable.


e. The information consists of specific pin power peaks, a thermal margin/low pressure trip synthesis technique and a quantification of the effects of TORC/CE-1, the application of which provides a competitive economic advantage. The availability of such information to competitors would enable them to modify their product to better compete with Combustion Engineering, take marketing or other actions to improve their product's position or impair the position of Combustion Engineering's product, and avoid developing similar data and analyses in support of their processes, methods or apparatus.

f. In pricing Combustion Engineering's products and services, significant research, development, engineering, analytical, manufacturing,

licensing, quality assurance and other costs and expenses must be included. The ability of Combustion Engineering's competitors to utilize such information without similar expenditure of resources may enable them to sell at prices reflecting significantly lower costs.

g. Use of the information by competitors in the international marketplace would increase their ability to market nuclear steam supply systems by reducing the costs associated with their technology development. In addition, disclosure would have an adverse economic impact on Combustion Engineering's potential for obtaining or maintaining foreign licensees.

Further the deponent sayeth not.

  
A. E. Scherer

Manager, Licensing

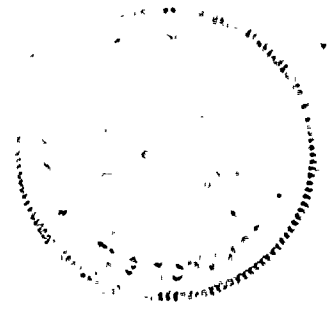
Sworn to before me

this 31st day of March, 1978

  
Notary Public

ETHELYN H. COLPITTS, NOTARY PUBLIC  
State of Connecticut No. 33976  
Commission Expires March 31, 1983





DOCKET NO. 50-335  
DATE: 4-19-78

NOTE TO NRC AND/OR LOCAL PUBLIC DOCUMENT ROOMS

The following item submitted with letter dated 4-17-78  
from FPL is being withheld from  
public disclosure, pending review, in accordance with Section 2.790.

PROPRIETARY INFORMATION

INCREASED WATER HOLE  
PEAKING IN OPV. REACTORS  
CEN-89 (F)-P

Doug Sandham  
016  
Regulatory File Room