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ACCESSION NBR: 8310280153 DOC. DATE: 83/10/25 NOTARIZED: YES DOCKET # 05000335
 FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co.
 AUTH. NAME: WILLIAMS, J.W. AUTHOR AFFILIATION: Florida Power & Light Co.
 RECIP. NAME: MILLER, J.R. RECIPIENT AFFILIATION: Operating Reactors Branch 3

SUBJECT: Forwards proprietary "Failure Mechanism Analysis Program."
 Rept withheld (ref 10CFR9.5(4)).

SEE PROPRIETARY REPTS.

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THE UNITED STATES OF AMERICA
DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

MEMORANDUM FOR THE DIRECTOR, FBI

DATE

NO.	DATE	FROM	TO	SUBJECT
1	1/15/54	NY	WASH	RE: [REDACTED]
2	1/16/54	NY	WASH	RE: [REDACTED]
3	1/17/54	NY	WASH	RE: [REDACTED]
4	1/18/54	NY	WASH	RE: [REDACTED]
5	1/19/54	NY	WASH	RE: [REDACTED]
6	1/20/54	NY	WASH	RE: [REDACTED]

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FLORIDA POWER & LIGHT COMPANY

October 25, 1983
L-83-531

Office of Nuclear Reactor Regulation
Attention: Mr. James R. Miller, Chief
Operating Reactors Branch #3
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Miller:

Re: St. Lucie Unit I
Docket No. 50-335
Reactor Vessel Internals and Thermal Shield;
Plant Recovery Program - Draft Failure Mechanism Analysis (FMA)

Our letters of April 19, 1983 (L-83-230) and October 13, 1983 (L-83-521), committed to provide a "Thermal Shield Failure Analysis" pursuant to the St. Lucie Unit I Plant Recovery Program (Item B. from our L-83-230), by October 27, 1983. The documentation herein contained, satisfies item B. of our L-83-230.

Portions of Attachment (2) of this letter contain proprietary information, pursuant to the provisions of 10 CFR 9.5(4), as discussed in Attachment (1) (Combustion Engineering, Inc., Statement for Withholding from Public Disclosure Pursuant to 10 CFR 9.5 (4)). Combustion Engineering has requested that Attachment 2 be returned upon receipt of the final version, currently scheduled to be provided on or about December 15, 1983.

Attachment 2 is a pre-issuance copy of Chapter 7, entitled "Failure Mechanism Analysis," of the final report on St. Lucie Unit I operation without a thermal shield and with a repaired core support barrel. It has been understood from your letter of April 26, 1983, that Thermal Shield Failure Analysis was not required to be provided prior to return to power of St. Lucie Unit I. However, schedular delays in the recovery operation have allowed this report to be provided prior to the estimated return to power. Conclusions therein contained are solely those of Combustion Engineering. At this stage of the recovery, Florida Power & Light is not in the position to agree or disagree with those conclusions.

Remaining information submittal dates, updating our letter of October 13, 1983 (L-83-521) and the tentative dates of your letter of April 26, 1983, are as follows:

<u>Items (Designation from Our April 19, 1983 letter, L-83-230)</u>	<u>Tentative Submittal Date</u>
D(5) Integrity and Stability of Internals	December 15, 1983
D(6) Conclusions and Findings	December 15, 1983

Completed items/tasks integral to the St. Lucie Unit I Plant Recovery Program, are as follows:

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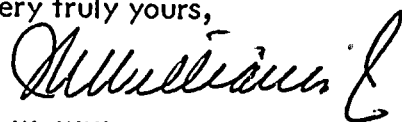
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Office of Nuclear Reactor Regulation
Mr. James R. Miller, Chief

<u>Action Items</u>	<u>Subject</u>	<u>Letter</u>	<u>Date</u>
(NA)	INITIAL ASSESSMENT OF REACTOR VESSELL INTERNALS	L-83-230	4/19/83 (4/12/83 NRC Meeting)
(DI)	REACTOR VESSEL INTERACTIONS (PTS)	L-83-263	4/27/83
(C)	RECOVERY PLAN	L-83-264	4/27/83 (4/25/83 NRC Meeting)
(D2)	EFFECTS ON FUEL PERFORMANCE	L-83-265	4/27/83
(NA)	TECHNICAL SPECIFICATION P/T LIMITS	L-83-280	5/3/83
(D3&D4)	LPMS AND EXCORE DETECTOR DATA REVIEW	L-83-345	6/7/83 (6/3/83 NRC Meeting)
(NA)	RV GAMMA HEATING SUBMITTAL	L-83-367	6/23/83
(NA)	EXXON RELOAD SUBMITTAL	L-83-369	6/23/83
(NA)	FINAL EXXON RELOAD SUBMITTAL	L-83-429	7/27/83
(A)	REACTOR VESSEL INTERNALS AND INSPECTION RESULTS	L-83-452	8/22/83
(NA)	RECOVERY PLAN REVISION	L-83-475	9/7/83
(NA)	POST-LUG REMOVAL FINAL NDE INSPECTION RESULTS	L-83-491	9/20/83
(NA)	RECOVERY PLAN REVISION	L-83-509	10/6/83
(NA)	RECOVERY PLAN REVISION	L-83-521	10/13/83

Should any questions arise, please contact us immediately.

Very truly yours,



J. W. Williams, Jr.
Vice President
Nuclear Energy

JWW/DAC/jk

Enclosure

cc: Harold F. Reis, Esquire

STATE OF FLORIDA)
COUNTY OF DADE) SS.

J. W. Williams, Jr., being first duly sworn, deposes and says:

That he is Vice President of Florida Power & Light Company, the Licensee herein;

That he has executed the foregoing cover letter, that the statements made in that cover letter are true and correct to the best of his knowledge, information, and belief, and that he is authorized to execute the document on behalf of said Licensee.

Attachment 2 of the enclosed material is proprietary, and therefore, exempt from public disclosure in accordance with Section 9.5 (4) of the NRC "Rules of Practice", Title 10, Code of Federal Regulations, per Attachment 1 of the basic letter provided by Combustion Engineering, Inc.

J. W. Williams, Jr.
J. W. Williams, Jr.

Subscribed and sworn to before me this 25th day of October, 1983.

Laurden Jordan
NOTARY PUBLIC, in and for the County of Dade, State of Florida.

My commission expires: NOTARY PUBLIC STATE OF FLORIDA AT LARGE
MY COMMISSION EXPIRES DEC 8 1984
OF DED-D. UNDERWRITERS

Combustion Engineering, Inc.

Statement for Withholding from Public Disclosure
Pursuant to 10CFR9.5(4)

The material transmitted herewith, Chapter 7, Failure Mechanism Analysis, contains information previously designated as proprietary by Combustion Engineering, Inc. in References 1 and 2. Pursuant to the provisions of 10CFR9.5(4) of the Commission's regulations, we request that the material be withheld from public disclosure and that this material be safeguarded. We believe that withholding this proprietary material will not adversely affect the public interest. The reasons for the classification of this information as proprietary are:

The use of the information by a competitor would substantially decrease his expenditures, in time or resources, in designing, producing or marketing a similar product.

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, Inc.

The information reveals special aspects of a process, method, component or the like, the exclusive use of which results in a substantial competitive advantage to Combustion Engineering, Inc.

The information contained in the enclosure is meant to be part of the formal basis for official action by the NRC Staff concerning the St. Lucie Unit 1 thermal shield removal effort. The submittal of the subject information prior to formal issuance of the final report on St. Lucie 1 operation without a thermal shield is meant to facilitate an efficient and timely review by the NRC staff. C-E has not made a detailed determination of proprietary information for this material in its present form. Such determination will be made when the information is reviewed as an integral part of the final report. Florida Power and Light will submit an application for withholding from public disclosure the subject information, along with the appropriate affidavit, delineation of proprietary material, and non-proprietary version when they formally provide the final documentation. It is expected this will be on or about December 15, 1983. At that time, the return of the pre-issuance copy of Chapter 7 (enclosure) will be requested.

References

1. CEN-250(F)-P, "In Service Monitoring St. Lucie 1", May 31, 1983.
2. CEN-253(F)-P, "St. Lucie 1 Core Support Barrel Inspection, Repair and Analysis, and Thermal Shield Removal", August 16, 1983.

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