



August 24, 2001

L-2001-197
10 CFR 50.90

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

RE: St. Lucie Unit 2
Docket No. 50-389
Proposed License Amendment Supplement
Add COLR Methodology - Improved Heat Flux Correlation

By letter L-2001-081 dated April 18, 2001, Florida Power and Light Company (FPL) proposed to amend the St. Lucie Unit 2 Facility Operating License NPF-16 to implement the improved heat flux correlation (ABB-NV) previously approved by the NRC for Westinghouse-Combustion Engineering (W-CE), as documented in the topical report CENPD-387-P-A, Revision 000. The proposed change was to update the COLR methodology listed in the Technical Specification (TS) 6.9.1.11 to include the topical report CENPD-387-P-A. Additionally, TS Bases for TS 2.1.1, including the Bases Figure B2.1-1, was modified to reflect the use of the ABB-NV critical heat flux correlation in satisfying the departure from nucleate boiling (DNB) reactor core safety limit. In addition, a conforming amendment was requested to the TS Index.

During the license amendment review, the NRC staff requested FPL to clarify the requirements to use the methodology described in the Topical Report CENPD-387-P-A consistent with the application guidelines and limitations. In addition, NRC requested FPL to clarify FPL's plans for use of the ABB-TV DNB correlation that was included and approved in the same topical report. In support of the review of proposed amendment, FPL provides the clarification included in Attachment 1.

L-2001-081 Attachment 2 was the Determination of No Significant Hazard Consideration and is unchanged by this submittal. L-2001-081 Attachment 3 was a marked-up copy of the proposed Technical Specification changes and is unchanged by this submittal.

A copy of the proposed amendment supplement is being forwarded to the State Designee for the State of Florida.

ADD1

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Approval of this proposed license amendment is requested by November 19, 2001 to support the fall 2001 Unit 2 refueling outage (SL2-13) and the Cycle 13 reload analysis. Please contact us if there are any questions about this submittal.

Very truly yours,

A handwritten signature in black ink, appearing to read 'D. Jernigan', written over the closing 'yours,'.

Donald E. Jernigan
Vice President
St. Lucie Plant

DEJ/GRM

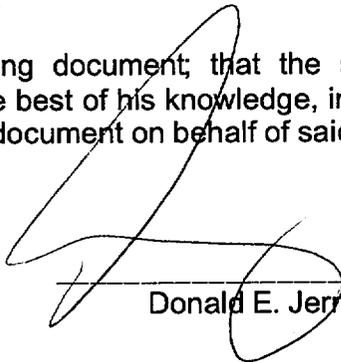
cc: Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, St. Lucie Plant
Mr. William A. Passetti, Florida Department of Health

STATE OF FLORIDA)
)
COUNTY OF ST. LUCIE) ss.

Donald E. Jernigan being first duly sworn, deposes and says:

That he is Vice President, St. Lucie Plant, for the Nuclear Division of Florida Power & Light Company, the Licensee herein;

That he has executed the foregoing document; that the statements made in this document 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.

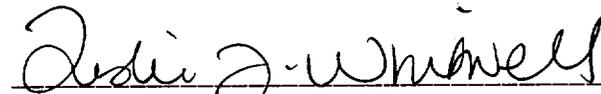


Donald E. Jernigan

STATE OF FLORIDA
COUNTY OF ST. LUCIE

Sworn to and subscribed before me

this 24 day of August, 2001
by Donald E. Jernigan, who is personally known to me.



Name of Notary Public - State of Florida



Leslie J. Whitwell
MY COMMISSION # DD020212 EXPIRES
May 12, 2005
LICENSED THRU TROY FAIN INSURANCE, INC.

(Print, type or stamp Commissioned Name of Notary Public)

ATTACHMENT 1

During the license amendment review, the NRC staff requested FPL to clarify the requirements to use the methodology described in the Topical Report CENPD-387-P-A consistent with the application guidelines and limitations. In addition, NRC requested FPL to clarify FPL's plans for use of the ABB-TV DNB correlation that was included and approved in the same topical report. In support of the review of proposed amendment, FPL provides the following clarification:

Topical Report CENPD-387-P-A includes the use of ABB-NV and ABB-TV DNB correlations. The ABB-TV DNB correlation is not currently planned for use at St. Lucie Unit 2. Prior to using the ABB-TV DNB correlation for reload designs, FPL will change the Bases for TS 2.1.1 (REACTOR CORE) under the TS bases control program to include the use of the ABB-TV DNB correlation. The methodology described in Topical Report CENPD-387-P-A has been previously approved by the NRC for licensing applications for ABB-CE plants subject to the limitations specified in the NRC safety evaluation (SE) approving Topical Report CENPD-387-P-A. Prior to use, FPL will ensure that this methodology is used consistent with the application guidelines and limitations. In particular, FPL will ensure compliance of both FPL's and any vendor's work with the six (6) conditions listed in Section 3.0 of the NRC SE, which include the use of correlation within the bounds of its applicability and the conditions of technology transfer, as applicable. Depending on the extent of the analysis performed, FPL may use one or more of several methods to ensure compliance. Such methods may include the following or other methods as found necessary by FPL or the vendor: procedural guidelines for individual analyses, SE compliance reviews, design reviews, or Quality Assurance design audits