

February 13, 1991

Docket No. 50-389

Mr. J. H. Goldberg
President - Nuclear Division
Florida Power and Light Company
Post Office Box 14000
Juno Beach, Florida 33408-0420

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Dear Mr. Goldberg:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION - ST. LUCIE 2 - REQUEST TO CHANGE FUEL PIN BURNUP TO 60 MWD/KG (TAC NO. 75947)

By letter dated January 25, 1990, you requested review and approval of the Combustion Engineering topical report CENPD-269-P, Revision 1-P, "Extended Burnup Operation of Combustion Engineering PWR Fuel," dated July 1984. Your submittal is similar to the recently reviewed and approved submittal by Arkansas 2 (ANO-2). The review of your submittal indicates that we need the following additional information.

The ANO-2 request for a 1-pin burnup limit of 60 MWD/kgM (CEN-386-P) indicated that the cladding oxidation model and associated data were to be provided on a reactor-specific basis; however, no data or analysis model are presented in the subject topical report specifically for St. Lucie Unit 2. What cladding corrosion data are used as the basis for the cladding corrosion model for St. Lucie Unit 2? If the corrosion data used are not from St. Lucie Unit 2 fuel rods, please provide an explanation of why this data is applicable, i.e., provide a comparison of reactor coolant temperatures, chemistry and corrosion data, and how the model is developed and applied to provide conservative and bounding analyses.

Please provide the above information in a timely fashion so that we can proceed with the review of your request.

This requirement affects fewer than 10 respondents and, therefore, is not subject to Office of Management and Budget review under P.L. 96-511.

Sincerely,

Original signed by

Jan A. Norris, Sr. Project Manager
Project Directorate II-2
Division of Reactor Projects-I/II
Office of Nuclear Reactor Regulation

cc: See next page

RAII (ST. LUCIE)

LA:PDIA-2
DNI:ver
2/12/91

PM:PDII-2
JNorris:jkd
2/13/91

D:PDII-2
HBerkow
2/13/91

Handwritten signatures and initials:
JAN 1/10
A/A-3

9102180163 910213
PDR ADOCK 05000389
P PDR

Dear Sir,
I have the honor to acknowledge the receipt of your letter of the 14th inst. in relation to the above mentioned matter.

The same has been referred to the appropriate authorities for their consideration and they will be glad to advise you of the result of their deliberations.

I am, Sir, very respectfully,
Yours faithfully,
[Signature]

[Name]
[Title]
[Address]

[Additional text or notes]

Mr. J. H. Goldberg
Florida Power & Light Company

St. Lucie Plant

cc:

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