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 FACIL: 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co.  
 AUTH. NAME AUTHOR AFFILIATION  
 WILLIAMS, J.W. Florida Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION  
 MILLER, J.R. Operating Reactors Branch 3

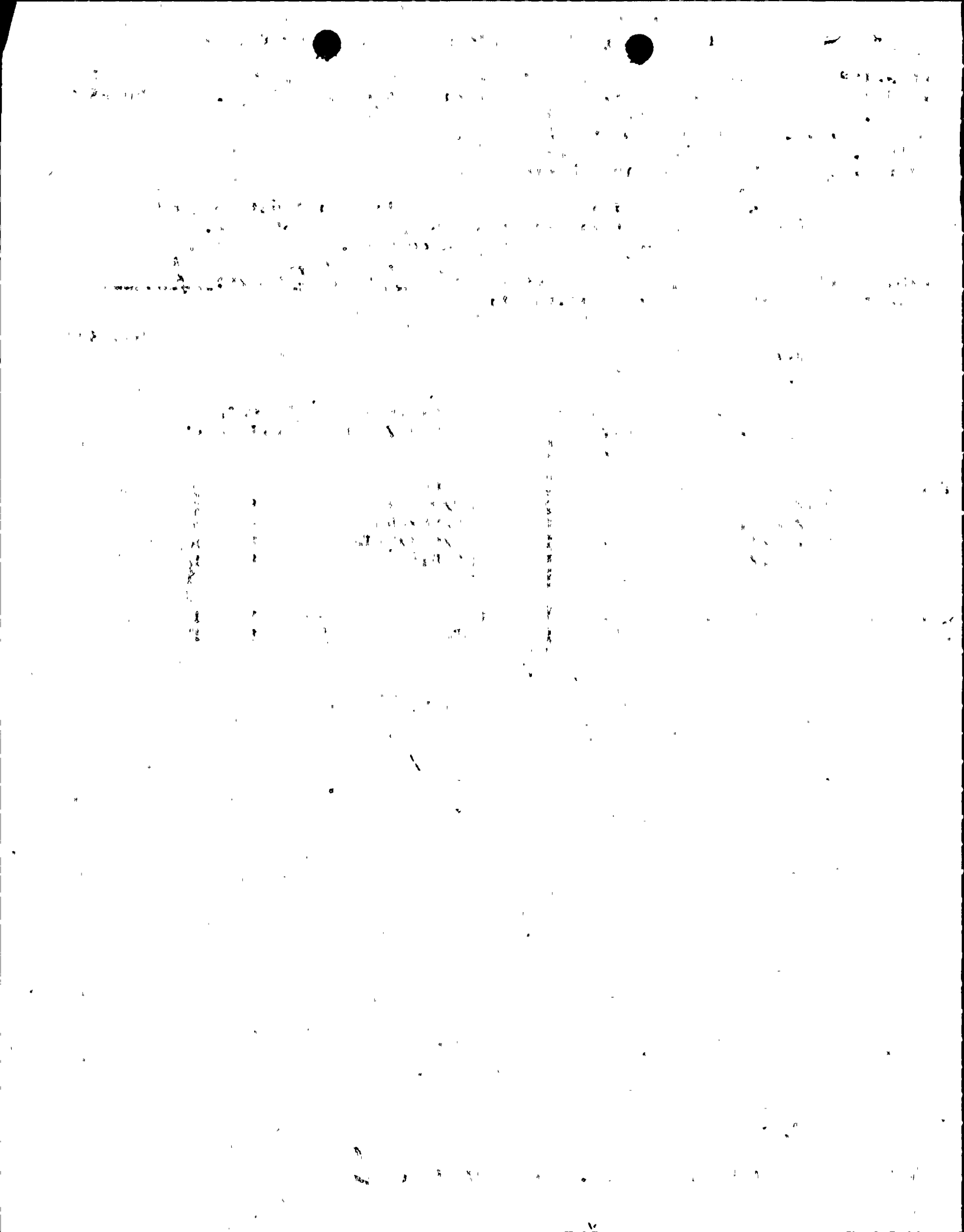
SUBJECT: Advises that unmodified Batch B assemblies will not be used beyond Cycle 2 operation, in response to NRC 850305 ltr. Addl shoulder gap measurements unnecessary.

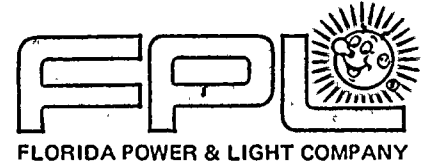
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L-85-154

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 No. 2  
 Docket No. 50-389  
Axial Growth of Fuel Rods

Your letter of March 5, 1985, concluded that adequate shoulder gap exists for the unmodified Batch B fuel assemblies for Cycle 2 operation, but that additional shoulder gap measurements should be taken during the second refueling to confirm the model described in Florida Power & Light Company's report submitted November 8, 1984, and to confirm that adequate shoulder gap remains for operation after Cycle 2.

We do not plan the use of unmodified Batch B assemblies beyond Cycle 2 operation. Therefore, we do not consider additional shoulder gap measurements are necessary.

In the unlikely event that we would need to use unmodified Batch B assemblies in future cycles, we would satisfy your concerns by shoulder gap measurements or other means acceptable to the NRC.

Very truly yours,

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

JWW/RJS/cab

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