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 AUTH. NAME    AUTHOR AFFILIATION  
 WILLIAMS, J.W.    Florida Power & Light Co.  
 RECIP. NAME    RECIPIENT AFFILIATION  
 MILLER, J.R.    Operating Reactors Branch 3

SUBJECT: Submits results of recalculated figures of offsite doses for  
 fuel handling accident. Calculations remain same as presented  
 in Table 5-7 of spent fuel pool rerack SAR except no credit  
 taken for filters.

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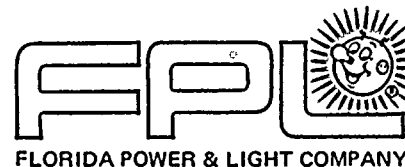
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August 14, 1984  
L-84-208

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  
Spent Fuel Pool Rerack

In response to a concern identified by NRC's Mr. Larry Bell, regarding taking credit for the fuel handling building filters in the offsite dose calculations, Florida Power and Light Company has recalculated the offsite doses for the fuel handling accident. For these calculations, all assumptions remain the same as presented in Table 5-7 of the Spent Fuel Pool Rerack Safety Analysis Report (attached to FPL letter L-84-47, dated March 13, 1984), except that no credit was taken for the filters. The results are as follows:

	<u>Thyroid</u>	<u>Whole Body</u>
Two Hour Exclusion Area Boundary Dose	$4.7 \times 10^{-1}$	$1.2 \times 10^{-1}$
Entire Event Low Population Zone Dose	$2.0 \times 10^{-1}$	$5.1 \times 10^{-2}$

As can be seen, the offsite doses are still within NRC guidelines and well below 10 CFR 100 limits

Very truly yours,

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

JWW/RJS/law

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