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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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FLORIDA POWER & LIGHT COMPANY

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:

	Thyroid	Whole Body
Two Hour Exclusion Area Boundary Dose	$4.7\times10^{+1}$	1.2×10^{-1}
Entire Event Low Population Zone Dose	$2.0\times10^{+1}$	5.1×10^{-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.
Group Vice President
Nuclear Energy

JWW/RJS/law

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