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 AUTH. NAME AUTHOR AFFILIATION
 UHRIG, R.E. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 TEDESCO, R.L. Assistant Director for Licensing

MA(4)

SUBJECT: Responds to NRC 800825 ltr re use of NUKEM 750 as expansion joint filler inside containment. Includes chemical formulation of NUKEM 750 & quantity used inside containment.

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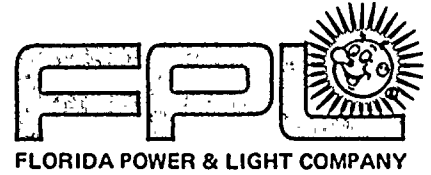
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September 10, 1980
L-80-295

Office of Nuclear Reactor Regulation
Attention: Mr. Robert L. Tedesco'
Assistant Director for Licensing
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Tedesco:

Re: St. Lucie Unit 2
Docket No. 50-389
Use of NUKEM 750 As Expansion Joint
Filler Inside Containment

The following information is provided as requested in your August 25, 1980 letter:

1-the chemical formulation of NUKEM 750 is:

Bisphenol A Epoxy Resin	-	50.65%
Polyoxy Propylene Diamine	-	28.24%
Aromatic Diamine	-	3.15%
Tertiary Aliphatic Amine	-	1.59%
Heterocyclic Diamine	-	1.59%
Heterocyclic Alcohol	-	13.02%
Magesium Silicate	-	1.64%
Carbon	-	0.03%
Butyl Cellosolve	-	0.09%
Organic Flow Control Agents	-	0.006%

2-the quantity of NUKEM 750 used inside containment is
2.5382 cu ft or 179 lbs (density of 70.5 lbs/cu ft).

Very truly yours,

Robert E. Uhrig
Robert E. Uhrig
Vice President
Advanced Systems & Technology

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REU/TCG/ah

cc: Harold F. Reis, Esquire

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