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DESCRIPTION: Ltr re our 11-26-75....furn info on reactor vessel support program for St. Lucie Unit 2....

ENCLOSURES:

ACKNOWLEDGED
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PLANT NAME: St. Lucie Unit 2

FOR ACTION/INFORMATION DHL 1-5-76

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FLORIDA POWER & LIGHT COMPANY

Regulatory Docket File

December 30, 1975
L-75-600

50-389

Director of Nuclear Reactor Regulation
ATTN: Mr. Olan D. Parr, Chief
Light Water Reactors
Project Branch 1-3
Division of Project Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Parr:

Your letter of November 26, 1975, requested that we address reactor vessel support loading conditions and design capability thereof for St. Lucie Unit No. 2. The St. Lucie Unit No. 2 reactor vessel support system duplicates the design of St. Lucie Unit No. 1. The reactor cavity concrete design for Unit 2 has been modified, however, to provide increased margin for pressure loadings which are transmitted to the cavity wall. Our letter responding to your November 28 inquiry on St. Lucie Unit No. 1 provides a discussion of the St. Lucie 1 design with regard to reaction forces, subcompartment generated forces, and internally generated hydraulic forces.

Yours very truly,

For Robert E. Uhrig
Vice President

REU:nch

cc: Jack R. Newman, Esq.

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