



December 16, 1975  
L-75-584

Director of Nuclear Reactor Regulation  
ATTN: Mr. George Lear, Chief  
Operating Reactors Branch #3  
Division of Reactor Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555



Dear Mr. Lear:

Re: Turkey Point Units 3 & 4  
Docket Nos. 50-250 & 50-251  
NRC letter of May 2, 1975  
Reactor Vessel Safe End Map

Florida Power & Light Company has conducted liquid penetrant and ultrasonic volumetric examinations of all six Unit 3 reactor pressure vessel nozzle safe end welds in accordance with requirements of the ASME Code, Section XI (through Winter 1970), pursuant to the provisions of IS-244. The examinations were conducted during the Fall 1975 Unit 3 refueling outage.

Supporting documents covering these examinations are available for review at the Turkey Point Plant. The examination results are as follows:

- (1) Liquid penetrant examinations of all six nozzle safe end welds produced no recordable indications.
- (2) The three outlet nozzle welds were completely examined ultrasonically from the internal surfaces. The three inlet nozzle welds were partially examined ultrasonically from the external surfaces. Due to limited accessibility and high radiation levels, only the top half of each inlet nozzle weld was examined. All recordable indications were evaluated to be either insignificant or geometric in nature.

Similar examinations of the Unit 4 reactor pressure vessel nozzle safe end welds will be conducted during the Spring 1976 refueling outage.

Very truly yours,

Robert E. Uhrig  
Vice President

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cc: Jack R. Newman, Esq.

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