

USNRC REGION II
ATLANTA, GEORGIA



FLORIDA POWER & LIGHT COMPANY

July 24, 1980
L-80-233

Central File
50-335

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Mr. James P. O'Reilly, Director, Region II
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Dear Mr. O'Reilly

Re: RII:JPO
50-335
IE Bulletin 80-11

In response to the subject bulletin, the attached information is submitted. As mentioned in our July 16, 1980 response to this bulletin, the detailed list of systems requested in paragraph 1 is not complete. This information will be submitted by October 1, 1980.

Very truly yours,

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

REU/PLP/pa

cc: Harold F. Reis, Esquire

AD/E

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ATTACHMENT

Re: RII:JPO
50-335
NRC BULLETIN 80-11

MASONRY WALL DESIGN

Florida Power and Light Company has instituted a field inspection program and design re-evaluation program to confirm the adequacy of the existing masonry wall design at the St. Lucie Unit #1 as requested by NRC Bulletin 80-11, May 8, 1980, "Masonry Wall Design". The following initial response addresses items 1, 2a and 3 respectively as requested by the subject bulletin. Implementation of the subject inspection and re-evaluation program will follow the milestone dates as established on the attached schedule of implementation.

Response 1.

Review of the St. Lucie Unit #1 Nuclear Power plant documents indicate that there are a total of 192 masonry walls of which 96 are seismically designed and 96 are non-seismically designed. It is anticipated that identification of safety-related and non-safety-related components attached to or in the proximity of masonry walls will be completed by October 1, 1980.

Response 2A

A prioritized program of field inspections and re-evaluation of design adequacy has been established and is being implemented as follows:

- (1) Perform field surveys of all masonry walls as identified in item 1 above, listing all systems and equipment, both safety-related and non-safety-related, associated with these masonry walls. First priority will be given to those masonry walls which have been indicated as being non-seismically designed and are located in areas near, or have attachments from, safety related components.
- (2) Second priority will be given to those seismically designed walls in high radiation or other limited access areas.

- (3) Third priority will be given to those seismically designed walls in accessible areas.
- (4) Fourth priority will be given to those non-seismically designed walls remaining to be inspected.

The program of masonry wall re-evaluations will be performed concurrent with the field inspection program as field inspection data become available. Priority within each of the four groups will be placed on safety-related piping 2-½ inches or greater in diameter, piping with support loads due to thermal expansion greater than 100 pounds, safety related equipment weighing 100 pounds or greater and the safety significance of the potentially affected system.

Response Item 3

Justification for the re-evaluation criteria will be submitted with the re-evaluation report within 180 days of the date of the Bulletin received. Justifications will be based on reference to effective codes and established standards of practice related to concrete and masonry design typically used throughout the industry.

It is anticipated that such justification will be considered appropriate and a test program will not be necessary.

FLORIDA POWER & LIGHT COMPANY
 NRC BULLETIN 80-11
 MASONRY WALL DESIGN - IMPLEMENTATION SCHEDULE



