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USNRC REGION 1
ATLANTA, GEORGIA

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**Florida
Power**
CORPORATION

September 21, 1979

File: 3-0-3-a-4

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

Subject: Crystal River Unit 3
Docket No. 50-302
Operating License No. DPR-72
IE Bulletin 79-18

Dear Mr. O'Reilly:

Enclosed is our response to Items 1 and 2 of IE Bulletin 79-18.

Please contact this office if you require any additional discussion concerning our response.

Very truly yours,

FLORIDA POWER CORPORATION

W. P. Stewart

W. P. Stewart
Manager
Nuclear Operations

WPSekcF01(D47)

cc: Director
Division of Operating Reactors
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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IE Bulletin No. 79-18

- Item 1: Determine whether current alarm systems and evacuation announcement systems are clearly audible or visible throughout all plant areas with emphasis on high noise areas. Determination in high noise areas must be made with the maximum anticipated noise level.

RESPONSE:

As identified in the subject Bulletin, Florida Power Corporation has performed an engineering evaluation which did identify several plant areas in the Auxiliary Building and the Intermediate Building (Radiation Control Area) where the annunciator system needed audibility improvement.

- Item 2: Determine what corrective action is necessary to assure that areas identified as inaudible areas in (1) above, will receive adequate audible/visual evacuation signals. In areas where adequate audible/visual evacuation signals cannot be assured by hardware changes, determine what additional administrative measures are necessary to assure personnel evacuation.

RESPONSE:

As a result of the engineering evaluation a modification was made to the intraplant communication system speaker network to produce an evacuation tone signal in the Radiation Control Area. The tone signal system is a more effective means of alarm over the speaker network than the voice announcement method previously used.

In addition, an engineering study for a communications system upgrade, including visual alarm indicators for the very high noise areas identified in the above evaluation, is being conducted at this time and is expected to be completed by October 31, 1979. A schedule for installation can be determined at that time.

With the new tone signal in the Radiation Control Area and when the upgrade of the communication system is completed, there will not be any areas where adequate audible/visual evacuation signals cannot be seen or heard. Therefore, no additional administrative measures are necessary to assure personnel evacuation.