



**Florida
Power**
CORPORATION

January 20, 1988
3F0188-19

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D. C. 20555

Subject: Crystal River Unit 3
Docket No. 50-302
Operating License No. DPR-72
Special Report 37-05

Dear Sir:

Enclosed is Special Report 87-05 which is submitted in accordance with Technical Specification 6.9.2.g.

Should there be any questions, please contact this office.

Sincerely,

W. S. Wilgus
Vice President
Nuclear Operations

WLR:mag

Enclosure

xc: Dr. J. Nelson Grace
Regional Administrator, Region II

Mr. T. F. Stetka
Senior Resident Inspector

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SUBJECT: Special Report 87-05

Steam generator eddy current testing was performed during the Refuel VI outage. Pre-outage planning developed a 6% random sampling inspection plan that would be completed on the "A" steam generator to meet Technical Specification requirements. In addition a special interest group would also be inspected which would bring the total number of inspected tubes to 9.7 %. This report of that inspection is being submitted in accordance with Technical Specification 6.9.2.g.

During the 6% random sample inspection two tubes were identified as defective, having indications greater than 40% through wall. Tube 70-28 had an indication of 55% through wall and tube 72-5 had one indication 52% through wall. A third tube, 32-107, was identified as degraded with an indication that was 38% through wall. These three tubes were removed from service by plugging.

An additional 12% of surrounding and random sample tubes were eddy current tested, which brought the total number of tubes inspected to 3370, or 21.7%. In this expanded sample inspection no additional defective tubes were found.

Information available on these plugged tubes show the indications to be small volume defects located at the 12th tube support plate.