

**Florida
Power**
CORPORATION
Crystal River Unit 3
Docket No. 50-302

September 2, 1994
3F0994-02

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

Subject: Inservice Inspection (ISI) Summary Report, 1994 Inspection

Dear Sir:

Attached please find a Summary Report of the inspections performed at Crystal River Unit 3 since the preceding (July 1992) summary report on Class 1 and 2 pressure retaining components and their supports. The Summary Report is submitted in accordance with the 1983 Edition of the ASME Boiler and Pressure Vessel Code, Section XI, Article IWA-6000. The Summary Report provides the NIS-1 form, "Owner's Data Report for Inservice Inspection" and supplemental sheets. Supplemental Sheet 3 contains a summary of the attached NIS-2 forms, "Owner's Reports for Repairs and Replacements". This submittal also includes a summary of the examinations performed by B&W Nuclear Technologies (BWNT) on Code Class 1 and 2 components.

BWNT prepared for Florida Power Corporation (FPC) an evaluation analysis of the examination results of the pressurizer surge nozzle ISI inspection performed in May 1994. During that inspection, a subsurface flaw was detected in the weld connecting the nozzle to the pressurizer lower head. The flaw was characterized as 1.47 inches long and a depth of 0.31 inches. The evaluation analysis is being provided in accordance with Subsection IWB-3125, Summer 1983 Addenda of ASME Section XI. The analysis shows that the flaw indication detected during Refuel 9 is acceptable and will not reach critical length during the next 1.6 Effective Full Power Years. This analysis demonstrates the weld to be acceptable for service until approximately December 1995. FPC intends to complete by August 1995 an additional comprehensive evaluation of the cyclic stresses affecting the weld to demonstrate the flaw detected during the Refuel 9 inspection will not reach critical length during the remainder of plant life. These evaluations are consistent with work performed by the B&W Owners Group regarding thermal stratification.

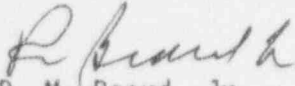
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FPC is submitting an affidavit from BWNT requesting Enclosure 1 containing the evaluation analysis of the pressurizer surge nozzle be withheld from public disclosure on the grounds that contains proprietary information. The affidavit is submitted in accordance with 10 CFR 2.790 (b)(1).

Sincerely,



P. M. Beard, Jr.
Senior Vice President
Nuclear Operations

PMB:LVC
Attachments

XC: Regional Administrator
NRR Project Manager
Senior Resident Inspector