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Nuclear Operations

November 3, 1997
RC-97-0226

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

Attention: Mr. A. R. Johnson

Gentlemen:

Subject: VIRGIL C. SUMMER NUCLEAR STATION (VCSNS)
DOCKET NO. 50/395
OPERATING LICENSE NO. NPF-12
SPECIAL REPORT (SPR 970001)

This special report is being submitted pursuant to the requirements of the Virgil C. Summer Nuclear Station Technical Specifications, Section 4.4.5.5.a and Section 4.4.5.5.b.

Section 4.4.5.5.a requires that a Special Report be submitted within 15 days following the completion of inservice inspection of Steam Generator tubes, indicating the number of tubes plugged or repaired in each generator. The inspection activity was completed on October 20, 1997. Summarized in the table below is the number of plugs installed in each generator as a result of the inspections performed during the tenth refueling outage.

Generator	A	B	C	Total
No. Plugged	0	0	0	0

Currently there are two plugs in Steam Generator "C" and one plug in Steam Generator "B" as a result of inspections performed prior to installing the replacement Steam Generators.

Section 4.4.5.5.b requires that within 12 months following the completion of the inservice inspection of the generators, the complete results be submitted to the Commission as a Special Report. This information is provided below:

1. **The number and extent of the tubes inspected.**

Steam Generator "C" - 1892 tubes (approximately 30%)

Together these comprise approximately 10% of the total tube population of the three Steam Generators. These tubes were inspected from tube end to tube end (full length) using the bobbin coil eddy current technique. From the bobbin coil inspection, 100 tubes were examined utilizing the rotating pancake coil technique.

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2. **Location and percent of wall-thickness penetration for each indication of an imperfection.**

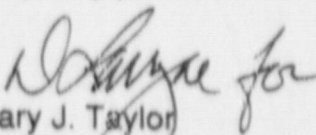
No tubes were identified with imperfections during this outage. Only "C" steam generator was inspected during refuel 10.

3. **Identification of tubes plugged.**

No tubes were plugged during this inspection interval.

Should you have questions on the above, please call Mr. Chris Crowley at (803) 345-4409

Very truly yours,


Gary J. Taylor

cac/GJT

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