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January 23, 1985

Mr. James P. O'Reilly, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Re: Catawba Nuclear Station, Unit 1
Docket No. 50-413

Dear Mr. O'Reilly:

Pursuant to Technical Specification 3.3.3.6, Action Statement c., please find attached a Special Report concerning the inoperability of the Reactor Coolant radiation monitor.

Very truly yours,

H.B. Tucker /BS

Hal B. Tucker

RWO:slb

Attachment

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

NRC Resident Inspector
Catawba Nuclear Station

Palmetto Alliance
2135½ Devine Street
Columbia, South Carolina 29205

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On January 3, 1985 during performance of routine surveillance procedures, a malfunction of the Reactor Coolant radiation monitor was discovered. Failure to restore the system to operable status within the required seven (7) day period resulted in implementing Action Statement "c" of Catawba Technical Specification 3.3.3.6.

At approximately 1500 hours on January 3, 1985, personnel discovered the malfunction and initiated Work Request 1368-OPS for repair of system.

System inoperability occurred when the low flow alarm failed to indicate low flow. The system was checked and found the flow switch to be defective. After the flow switch was replaced and calibrated to the generic 2GPM, system flow was insufficient to clear the alarm. Station Problem Report SPR CNPR-00268 was written and the flow setpoint for 1EMF-48 was reduced to 1GPM after Design/Vendor approval.

The setpoint will be reset to 1.0 GPM and the system will be returned to service by February 1, 1985.