

DUKE POWER COMPANY

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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 3.3.3.4, Action Statement a., please find attached a Special Report concerning the inoperability of the Meter-logical Monitoring Instrumentation System.

Very truly yours,

*H.B. Tucker*

Hal B. Tucker

RWO:slb

Attachment

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

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Catawba Nuclear Station

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Duke Power Company  
Catawba Nuclear Station  
Inoperability of Meteorological  
Monitoring Instrumentation System

On December 31, 1984, during performance of routine surveillance procedures, a malfunction of the Meteorological Monitoring Instrumentation System was discovered. Failure to restore the system to operable status within the required period of seven (7) days resulted in implementing Action Statement a. of Technical Specification 3.3.3.4.

At approximately 0400 hours on December 31, 1984, Personnel discovered the malfunction and initiated Work Request #13635 OPS for investigation and repair of the system.

System inoperability occurred when an internally generated error signal caused the Automet V Computer's CPU unit to halt processing. The CPU was reset per the manufacturers' instruction manual and returned to normal operation but the system remained out of service pending completion of the channel calibration. This error condition continued to occur periodically, each time requiring manual reset to clear, and thus prevented the systems' return to operability within the required seven (7) day period.

The manufacturer has indicated that the problem may be the result of improper circuit card connections. The circuit card connections were checked out and the unit was returned to service on January 10, 1985.