

Duke Power Company
Catawba Nuclear Station
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DUKE POWER

May 17, 1990

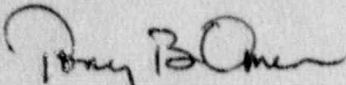
Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Subject: Catawba Nuclear Station
Docket 50-414
Special Report - Unit 2
Invalid Failure 2B D/G

Gentlemen:

Pursuant to Technical Specification 6.9.2 and 4.8.1.1.3, please find attached a Special Report concerning Unit 2B Diesel Generator Invalid Failure on April 18, 1990.

Very truly yours,


Tony B. Owen
Station Manager

ken:REPORT.SP

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SPECIAL REPORT

During performance of the Unit 2 Diesel Generator B Operability Test, the output breaker tripped on reverse power while attempting to synchronize the Diesel Generator with the 4160 Volt Essential Power bus. The root cause of the trip was operator error. The operator failed to adjust the output voltage high enough above the line voltage to prevent actuation of the reverse power relay. This start attempt was classified as an invalid failure per NRC Regulatory Guide 1.108. It should be noted that the trip on reverse power is bypassed in the emergency mode of operation.

Line voltage and Diesel Generator output voltage meters as well as the reverse power relay were checked and found to be operating correctly. The operator involved in this incident was counselled by management and afterwards demonstrated his ability to successfully parallel the Diesel Generator to the Essential Power bus. No further corrective actions are planned.