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**DUKE POWER**

September 1, 1988

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

Subject: Catawba Nuclear Station  
Docket No. 50-413  
Special Report

Gentlemen:

Pursuant to Technical Specifications 3/4.4.5.5(a) and 6.9.2 attached is a Special Report concerning the plugging of 2 tubes in Steam Generator '1D' on August 18, 1988.

Very truly yours,

A handwritten signature in cursive script that reads "Hal B. Tucker".

Hal B. Tucker

PGL/

Attachment

xc: Dr. J. Nelson Grace, Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323

Mr. P. K. Van Doorn  
NRC Resident Inspector  
Catawba Nuclear Station

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SPECIAL REPORT  
CATAWBA NUCLEAR STATION, UNIT 1

PLUGGING OF 2 TUBES IN STEAM GENERATOR '1D'

On August 18, 1988, 2 tubes in Steam Generator (S/G) 1D were plugged. Tubes 1-53 and 1-8 were plugged. Pluggable indications were found on these tubes in the U-bend transition region. The probable cause of the indications is the stress from the tight U-bends. The indications were not caused by problems identified in NRC Bulletin 88-02. At the time Unit 1 was shutdown to repair the tubes, Reactor Coolant System leakage was well below the leakage allowed by Technical Specification 3.4.6.2.