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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

February 28, 1975

Mr. Donald F. Knuth, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20545

Dear Mr. Knuth:

BROWNS FERRY NUCLEAR PLANT UNIT 3 - REPORTABLE DEFICIENCY -
DERATING OF 250-VOLT FUSES IN 4-kV AND 480-VOLT SWITCHGEAR

Initial report of the subject deficiency was made on January 29, 1975. In compliance with paragraph 50.55(e) of 10 CFR Part 50, this is submitted as an interim report.

On January 29, 1975, it was discovered that most of the installed fuses in the 250-volt dc control circuits of the 4-kV and 480-volt switchgear are one-time class H 250-volt fuses of Bussmann or Economy manufacture. This class of fuse has been derated to 250-volt ac only. As a result the subject fuses are no longer appropriate for 250-volt dc service.

These fuses were supplied by the General Electric Company, and we are awaiting their evaluation and proposed corrective measures. We expect that we should be able to provide the final report by March 31, 1975.

Very truly yours,

J. E. Gilleland
J. E. Gilleland
Assistant Manager of Power

CC: Mr. Norman C. Moseley, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 818
230 Peachtree Street, NW.
Atlanta, Georgia 30303

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