

TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE
37401

September 13, 1974



Mr. Donald F. Knuth, Director
Directorate of Regulatory Operations
U.S. Atomic Energy Commission
Washington, DC 20545

Dear Mr. Knuth:

BROWNS FERRY NUCLEAR PLANT UNITS 2 AND 3 - POTENTIAL DESIGN
DEFICIENCY IN VALVE YOKE TO MOTOR MOUNT WELD

Initial report of the subject potential deficiency was made on May 14, 1974, and was followed by our June 14, July 15, and August 12 letters, J. E. Gilleland to Donald F. Knuth. Because the yoke to motor base welds of FCV-74-58 in unit 1 failed, similar valves (FCV's 74-58 and 74-72) in units 2 and 3 may be subject to the same type of failure.

The investigation of the problem is continuing, and we have scheduled some testing for unit 3 in December. After the tests have been run and the results have been analyzed, we will forward to you the final report on this potential deficiency. We expect that we should be able to provide the report by January 15, 1975.

Very truly yours,

J. E. Gilleland

Assistant to the Manager of Power

CC: Mr. Norman C. Moseley, Director
Directorate of Regulatory Operations
U.S. Atomic Energy Commission
Region II - Suite 818
230 Peachtree Street, NW.
Atlanta, Georgia 30303

Handwritten: Mailed 50-260/296
JUL 19 1974