# SAFEGUARDS INFORMATION

TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

September 25, 1985

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Dear Mr. Denton:

In the Matter of the Application ) Docket Nos. 50-390
Tennessee Valley Authority ) 50-391

Please refer to TVA's March 4, 1985 letter by which we agreed to transmit the results of the Watts Bar Nuclear Plant (WBN) PHYSI-14 Surveillance Instruction (SI) test results on the FPS-2 system. Enclosed are the August 14, 21, 28, and September 4 and 11, 1985 test results.

On August 21, 1985, the failure of the seven-day functional test was a result of one fence sector not detecting. On August 22, 1985, maintenance personnel repaired the relay receptacle on the CU-3 box and the system performed adequately. The system was placed back in operational service on August 22, 1985 after Public Safety completed several functional tests that met the acceptance criteria.

Since the enclosed information is safeguards, it is being sent by registered mail. The signed receipt signifies that you have received this information and acknowledge that it contains safeguards material and should be withheld from public disclosure as defined by 10 CFR Part 73.21.

If you have any questions concerning this matter, please get in touch with K. P. Parr at FTS 858-2682.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

8510040132 850925
PDR ADOCK 05000390
F PDR

J. A. Domer

J. A. Domer, Chief
Nuclear Licensing Branch

Sworn to and subscribed before me
this 25th day of Sept 1985

Bryant M. Lowery
Notary Public
My Commission Expires 4/8/86

Enclosure
cc: U.S. Nuclear Regulatory Commission (Enclosure)
Region II
Attn: Dr. J. Nelson Grace, Regional Administrator
P.O. Box 2203
Atlanta, Georgia 30323

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