

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
1630 Chestnut Street Tower II

December 7, 1984

Director of Nuclear Reactor Regulation
Attention: Ms. E. Adensam, Chief
Licensing Branch No. 4
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Ms. Adensam:

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

Please refer to TVA's letter dated November 9, 1984 which requested that eight engineered safety features actuation system slave relays be exempted from the quarterly testing requirements of technical specification 4.3.2.1, table 4.3-2. TVA's bases for the exemption request was that by testing the slave relays at power, certain devices would be actuated which could adversely affect plant safety. TVA proposed that the actuation of these relays for periodic testing purposes be performed during each cold shutdown exceeding 24 hours, unless tested during the previous six months.

Included with the referenced exemption request were corresponding proposed revisions to the Technical Specifications. We failed, however, to include our proposed revision to technical specification page 3/4 3-37. A marked-up technical specification page 3/4 3-37 is enclosed.

A conference call was held December 5, 1984 between TVA and NRC representatives to discuss the subject exemption request. During this conference call, TVA agreed to modify its proposed revision to technical specification page 3/4 3-42 previously transmitted by the referenced November 9, 1984 letter. A marked-up technical specification page 3/4 3-42 is enclosed.

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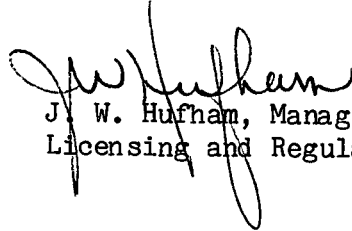
Director of Nuclear Reactor Regulation

December 7, 1984

If you have any questions concerning this matter, please get in touch with D. B. Ellis at FTS 858-2682.

Very truly yours,

TENNESSEE VALLEY AUTHORITY


J. W. Hufham, Manager
Licensing and Regulations

Sworn to, and subscribed before me
this 7th day of Dec. 1984

Paulette N. White
Notary Public
My Commission Expires 8-24-88

Enclosure

cc: U.S. Nuclear Regulatory Commission (Enclosure)
Region II
Attn: Mr. James P. O'Reilly Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

ENCLOSURE

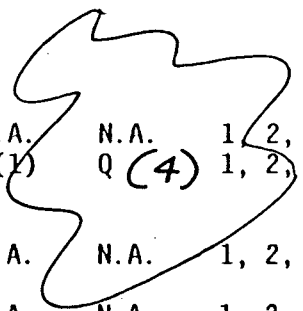
50-390

WATTS BAR - UNIT 1

3/4 3-37

TABLE 4.3-2
ENGINEERED SAFETY FEATURES ACTUATION SYSTEM INSTRUMENTATION
SURVEILLANCE REQUIREMENTS

<u>FUNCTIONAL UNIT</u>	<u>CHANNEL CHECK</u>	<u>CHANNEL CALIBRATION</u>	<u>ANALOG CHANNEL OPERATIONAL TEST</u>	<u>TRIP ACTUATING DEVICE OPERATIONAL TEST</u>	<u>ACTUATION LOGIC TEST</u>	<u>MASTER RELAY TEST</u>	<u>SLAVE RELAY TEST</u>	<u>MODES FOR WHICH SURVEILLANCE IS REQUIRED</u>
Safety Injection (Reactor Trip, Turbine Trip, Feedwater, Isolation, Control Room Isolation, Start Diesel Generators, Component Cooling Water, and Essential Raw Cooling Water)								
a. Manual Initiation	N.A.	N.A.	N.A.	R	N.A.	N.A.	N.A.	1, 2, 3, 4
b. Automatic Actuation Logic and Actuation Relays	N.A.	N.A.	N.A.	N.A.	M(1)	M(1)	N.A. Q (4)	1, 2, 3, 4
c. Containment Pressure--High	S	R	M	N.A.	N.A.	N.A.	N.A.	1, 2, 3
d. Pressurizer Pressure--Low	S	R	M	N.A.	N.A.	N.A.	N.A.	1, 2, 3
e. Differential Pressure Between Steam Lines--High	S	R	M	N.A.	N.A.	N.A.	N.A.	1, 2, 3
f. Steam Flow in Two Steam Lines--High Coincident With	S	R	M	N.A.	N.A.	N.A.	N.A.	1, 2, 3
Either								
1) T _{avg} --Low-Low	S	R	M	N.A.	N.A.	N.A.	N.A.	1, 2, 3
Or								
2) Steam Line Pressure--Low	S	R	M	N.A.	N.A.	N.A.	N.A.	1, 2, 3
2. Containment Spray								
a. Manual Initiation	N.A.	N.A.	N.A.	R	N.A.	N.A.	N.A.	1, 2, 3, 4
b. Automatic Actuation Logic and Actuation Relays	N.A.	N.A.	N.A.	N.A.	M(1)	M(1)	Q	1, 2, 3, 4
c. Containment Pressure--High-High	S	R	M	N.A.	N.A.	N.A.	N.A.	1, 2, 3



FINAL DRAFT

FINAL DRAFT

TABLE 4.3-2 (Continued)

TABLE NOTATION

- (1) Each train shall be tested at least every 62 days on a STAGGERED TEST BASIS.
- (2) Monthly testing shall consist of relay testing excluding final actuation of the pumps or valves.
- (3) Monthly testing shall consist of voltage sensor relay testing excluding actuation of the load shedding, diesel start, and time-delay timers.

(4) Slave relays K603A, K603B, K604A, K604B (SI) and K625A, K625B (phase B) shall be tested during each COLD SHUTDOWN exceeding 24 hours unless tested during the previous 6 months. K609A, K609B (SI) shall be tested every 18 months.