

ENCLOSURE 2

TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT (BFN)
UNIT 3

PROPOSED TECHNICAL SPECIFICATION CHANGE TS-340
MARKED PAGES

I. AFFECTED PAGE LIST

3.9/4.9-5

3.9/4.9-7

II. MARKED PAGES

See Attached.

LIMITING CONDITIONS FOR OPERATION

SURVEILLANCE REQUIREMENTS

3.9.A. Auxiliary Electrical Equipment

4.9.A. Auxiliary Electrical System

3. Buses and Boards Available

3. Logic Systems

- a. The respective start bus is energized for each common station-service transformer designated as an offsite power source.
- b. The 4-kV bus tie board is energized if a cooling tower transformer is designated as an offsite power source.
- c. The 4-kV shutdown boards (3EA, 3EB, 3EC, 3ED) are energized.
- d. The 480-V shutdown boards 3A and 3B are energized.

- a. Both divisions of the accident signal logic system shall be tested every 18 months to demonstrate that it will function on actuation of the core spray system of the reactor to provide an automatic start signal to all 4 diesel generators.

b. Once every 18 months, the condition under which the 480-volt load shedding logic system is required shall be simulated to demonstrate that the load shedding logic system would initiate load shedding signals on the diesel auxiliary boards, RMOV boards, and the 480-volt shutdown boards.

Add

LIMITING CONDITIONS FOR OPERATION

SURVEILLANCE REQUIREMENTS

3.9.A. Auxiliary Electrical Equipment4.9.A. Auxiliary Electrical System

4.9.A.4. (Cont'd)

- c. The loss of voltage and degraded voltage relays which start the diesel generators from the 4-kV shutdown boards shall be calibrated annually for trip and reset and the measurements logged. These relays shall be calibrated as specified in Table 4.9.A.4.c.
- d. 4-kV shutdown board voltages shall be recorded once every 12 hours.

5. 480-V RMOV Boards 3D and 3E

- a. Once per operating cycle, the automatic transfer feature for 480-V RMOV boards 3D and 3E shall be functionally tested to verify auto-transfer capability.

5. Logic Systems

a. Accident signal logic system is OPERABLE.

b. 480-volt load shedding logic system is operable.

6. There shall be a minimum of 35,280 gallons of diesel fuel in each of the 7-day diesel-generator fuel tank assemblies.

Add

ENCLOSURE 3

TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT (BFN)
UNIT 3

PROPOSED TECHNICAL SPECIFICATION CHANGE TS-340
REVISED PAGES

I. AFFECTED PAGE LIST

3.9/4.9-5

3.9/4.9-7

II. REVISED PAGES

See Attached.

3.9/4.9 AUXILIARY ELECTRICAL SYSTEM

LIMITING CONDITIONS FOR OPERATION

SURVEILLANCE REQUIREMENTS

3.9.A. Auxiliary Electrical Equipment

4.9.A. Auxiliary Electrical System

3. Buses and Boards Available

3. Logic Systems

a. The respective start bus is energized for each common station-service transformer designated as an offsite power source.

a. Both divisions of the accident signal logic system shall be tested every 18 months to demonstrate that it will function on actuation of the core spray system of the reactor to provide an automatic start signal to all 4 diesel generators.

b. The 4-kV bus tie board is energized if a cooling tower transformer is designated as an offsite power source.

b. Once every 18 months, the condition under which the 480-volt load shedding logic system is required shall be simulated to demonstrate that the load shedding logic system would initiate load shedding signals on the diesel auxiliary boards, RMOV boards, and the 480-volt shutdown boards.

c. The 4-kV shutdown boards (3EA, 3EB, 3EC, 3ED) are energized.

d. The 480-V shutdown boards 3A and 3B are energized.

3.9/4.9 AUXILIARY ELECTRICAL SYSTEM

LIMITING CONDITIONS FOR OPERATION

3.9.A. Auxiliary Electrical Equipment

5. Logic Systems

- a. Accident signal logic system is OPERABLE.
- b. 480-volt load shedding logic system is OPERABLE.

6. There shall be a minimum of 35,280 gallons of diesel fuel in each of the 7-day diesel-generator fuel tank assemblies.

SURVEILLANCE REQUIREMENTS

4.9.A. Auxiliary Electrical System

4.9.A.4. (Cont'd)

- c. The loss of voltage and degraded voltage relays which start the diesel generators from the 4-kV shutdown boards shall be calibrated annually for trip and reset and the measurements logged. These relays shall be calibrated as specified in Table 4.9.A.4.c.
- d. 4-kV shutdown board voltages shall be recorded once every 12 hours.

5. 480-V RMOV Boards 3D and 3E

- a. Once per operating cycle, the automatic transfer feature for 480-V RMOV boards 3D and 3E shall be functionally tested to verify auto-transfer capability.