

April 1, 1988

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*Amdt. 142 to DPR-52*

Docket Nos. 50-259/260/296

Mr. S. A. White  
Manager of Nuclear Power  
Tennessee Valley Authority  
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Dear Mr. White:

SUBJECT: TECHNICAL SPECIFICATION PAGE CORRECTIONS (TS 229) (TAC 00176, 00177 AND 00178)

Re: Browns Ferry Nuclear Plant, Units 1, 2, and 3

On March 1, 1988, the Commission issued Amendment Nos. 146, 142, and 117 to Facility Operating License Nos. DPR-33, DPR-52 and, DPR-68 for the Browns Ferry Nuclear Plant, Units 1, 2 and 3, respectively. The previously effective amendment numbers were inadvertently omitted from the issued Technical Specifications pages. In order to maintain document integrity, we have corrected these pages. Please discard the previously issued TS pages for Amendment Nos. 146, 142, and 117 for Browns Ferry Nuclear Plant, Units 1, 2 and 3, respectively, and replace them with the enclosed pages.

Sincerely,

Original Signed by Rajender Auluck  
Gary G. Zech, Assistant Director  
for Projects  
TVA Projects Division  
Office of Special Projects

Enclosures:

1. TS pages to Amendment No. 146
2. TS pages to Amendment No. 142
3. TS pages to Amendment No. 117

cc w/enclosures:  
See next page

OSP:TVA/LA  
CJamerson:as  
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*[Signature]*  
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GZech  
4/1/88

*[Signature]*

Mr. S. A. White  
Tennessee Valley Authority

Browns Ferry Nuclear Plant  
Units 1, 2, and 3

cc:

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State Health Officer  
State Department of Public Health  
State Office Building  
Montgomery, Alabama 36130

3.7/4.7 CONTAINMENT SYSTEMS

LIMITING CONDITIONS FOR OPERATION

SURVEILLANCE REQUIREMENTS

3.7.C. Secondary Containment

4. If refueling zone secondary containment cannot be maintained the following conditions shall be met:
  - a. Handling of spent fuel and all operations over spent fuel pools and open reactor wells containing fuel shall be prohibited.
  - b. The standby gas treatment system suction to the refueling zone will be blocked except for a controlled leakage area sized to assure the achieving of a vacuum of at least 1/4-inch of water and not over 3 inches of water in all three reactor zones.

D. Primary Containment Isolation Valves

1. When Primary Containment Integrity is required, all isolation valves listed in Table 3.7.A and all reactor coolant system instrument line flow check valves shall be OPERABLE except as specified in 3.7.D.2.

D. Primary Containment Isolation Valves

1. The primary containment isolation valves surveillance shall be performed as follows:
  - a. At least once per operating cycle the OPERABLE isolation valves that are power operated and automatically initiated shall be tested for simulated automatic initiation and closure times.
  - b. At least once per quarter:
    - (1) All normally open power-operated isolation valves (except for the main steam line power-operated isolation valves) shall be fully closed and reopened.

3.7/4.7 CONTAINMENT SYSTEMS

LIMITING CONDITIONS FOR OPERATION

SURVEILLANCE REQUIREMENTS

3.7.D. Primary Containment Isolation Valves

4.7.D. Primary Containment Isolation Valves

4.7.D.1.b (Cont'd)

(2) With the reactor power less than 75%, trip main steam isolation valves individually and verify closure time.

c. (Deleted)

d. At least once per operating cycle, the operability of the reactor coolant system instrument line flow check valves shall be verified.

2. In the event any isolation valve specified in Table 3.7.A becomes INOPERABLE, reactor power operation may continue provided at least one valve in each line having an INOPERABLE valve, is OPERABLE and within 4 hours either:

a. The INOPERABLE valve is restored to OPERABLE status, or

b. Each affected line is isolated by use of at least one deactivated containment isolation valve secured in the isolated position.

3. If Specification 3.7.D.1 and 3.7.D.2 cannot be met, an orderly shutdown shall be initiated and the reactor shall be in the Cold Shutdown condition within 24 hours.

2. Whenever an isolation valve listed in Table 3.7.A is INOPERABLE, the position of at least one other valve in each line having an INOPERABLE valve shall be recorded daily.

3.7/4.7 CONTAINMENT SYSTEMS

LIMITING CONDITIONS FOR OPERATION

SURVEILLANCE REQUIREMENTS

3.7.C. Secondary Containment

4. If refueling zone secondary containment cannot be maintained the following conditions shall be met:
  - a. Handling of spent fuel and all operations over spent fuel pools and open reactor wells containing fuel shall be prohibited.
  - b. The standby gas treatment system suction to the refueling zone will be blocked except for a controlled leakage area sized to assure the achieving of a vacuum of at least 1/4-inch of water and not over 3 inches of water in all three reactor zones.

D. Primary Containment Isolation Valves

1. When Primary Containment Integrity is required, all isolation valves listed in Table 3.7.A and all reactor coolant system instrument line flow check valves shall be OPERABLE except as specified in 3.7.D.2.

D. Primary Containment Isolation Valves

1. The primary containment isolation valves surveillance shall be performed as follows:
  - a. At least once per operating cycle the OPERABLE isolation valves that are power operated and automatically initiated shall be tested for simulated automatic initiation and closure times.
  - b. At least once per quarter:
    - (1) All normally open power-operated isolation valves (except for the main steam line power-operated isolation valves) shall be fully closed and reopened.

3.7/4.7 CONTAINMENT SYSTEMS

LIMITING CONDITIONS FOR OPERATION

SURVEILLANCE REQUIREMENTS

3.7.D. Primary Containment Isolation Valves

4.7.D. Primary Containment Isolation Valves

4.7.D.1.b (Cont'd)

(2) With the reactor power less than 75%, trip main steam isolation valves individually and verify closure time.

c. (Deleted)

d. At least once per operating cycle, the operability of the reactor coolant system instrument line flow check valves shall be verified.

2. In the event any isolation valve specified in Table 3.7.A becomes INOPERABLE, reactor power operation may continue provided at least one valve in each line having an INOPERABLE valve, is OPERABLE and within 4 hours either:

a. The INOPERABLE valve is restored to OPERABLE status, or

b. Each affected line is isolated by use of at least one deactivated containment isolation valve secured in the isolated position.

3. If Specification 3.7.D.1 and 3.7.D.2 cannot be met, an orderly shutdown shall be initiated and the reactor shall be in the Cold Shutdown condition within 24 hours.

2. Whenever an isolation valve listed in Table 3.7.A is INOPERABLE, the position of at least one other valve in each line having an INOPERABLE valve shall be recorded daily.

3.7/4.7 CONTAINMENT SYSTEMS

LIMITING CONDITIONS FOR OPERATION

SURVEILLANCE REQUIREMENTS

3.7.C. Secondary Containment

4. If refueling zone secondary containment cannot be maintained the following conditions shall be met:
  - a. Handling of spent fuel and all operations over spent fuel pools and open reactor wells containing fuel shall be prohibited.
  - b. The standby gas treatment system suction to the refueling zone will be blocked except for a controlled leakage area sized to assure the achieving of a vacuum of at least 1/4-inch of water and not over 3 inches of water in all three reactor zones.

D. Primary Containment Isolation Valves

1. When Primary Containment Integrity is required, all isolation valves listed in Table 3.7.A and all reactor coolant system instrument line flow check valves shall be OPERABLE except as specified in 3.7.D.2.

D. Primary Containment Isolation Valves

1. The primary containment isolation valves surveillance shall be performed as follows:
  - a. At least once per operating cycle the OPERABLE isolation valves that are power operated and automatically initiated shall be tested for simulated automatic initiation and closure times.
  - b. At least once per quarter:
    - (1) All normally open power-operated isolation valves (except for the main steam line power-operated isolation valves) shall be fully closed and reopened.

3.7/4.7 CONTAINMENT SYSTEMS

LIMITING CONDITIONS FOR OPERATION

SURVEILLANCE REQUIREMENTS

3.7.D. Primary Containment Isolation Valves

4.7.D. Primary Containment Isolation Valves

4.7.D.1.b (Cont'd)

2. In the event any isolation valve specified in Table 3.7.A becomes INOPERABLE, reactor power operation may continue provided at least one valve in each line having an INOPERABLE valve, is OPERABLE and within 4 hours either:
  - a. The INOPERABLE valve is restored to OPERABLE status, or
  - b. Each affected line is isolated by use of at least one deactivated containment isolation valve secured in the isolated position.
3. If Specification 3.7.D.1 and 3.7.D.2 cannot be met, an orderly shutdown shall be initiated and the reactor shall be in the Cold Shutdown condition within 24 hours.

(2) With the reactor power less than 75%, trip main steam isolation valves individually and verify closure time.

c. (Deleted)

d. At least once per operating cycle, the operability of the reactor coolant system instrument line flow check valves shall be verified.

2. Whenever an isolation valve listed in Table 3.7.A is INOPERABLE, the position of at least one other valve in each line having an INOPERABLE valve shall be recorded daily.