

December 13, 1988

Docket No. 50-259/260/296

Mr. Oliver D. Kingsley, Jr.
Senior Vice President, Nuclear Power
Tennessee Valley Authority
6N 38A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Dear Mr. Kingsley:

SUBJECT: BROWNS FERRY TECHNICAL SPECIFICATIONS CHANGE TO REFLECT REVISED ASME SECTION XI PUMP AND VALVE PROGRAM (TAC 00250, 00251, 00252) (TS 235)

The amendment package for TS 235 contained a few minor typographical errors. Pen and ink corrections have been made as the errors will not affect actual technical specification pages. Please insert corrected pages that reflect amendment number 159 for Browns Ferry, Unit 1.

Original signed by

Suzanne C. Black
Assistant Director for
Projects
TVA Projects Division
Office of Special Projects

Enclosures:

1. Ltr dtd 11/22/88 to Oliver D. Kingsley, Jr.
2. Errata sheet for Unit 1 Amend. No. 159
3. Page 1 of Safety Evaluation

cc w/enclosures:
See next page

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Docket Nos. 50-259/260/296

November 22, 1988

Mr. Oliver D. Kingsley, Jr.
Senior Vice President, Nuclear Group
Tennessee Valley Authority
6N 38A Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

Dear Mr. Kingsley:

SUBJECT: BROWNS FERRY TECHNICAL SPECIFICATIONS CHANGE TO REFLECT REVISED ASME SECTION XI PUMP AND VALVE PROGRAM (TAC 00250/251/252) (TS 235)

The Commission has issued the enclosed Amendment Nos. ~~158~~¹⁵⁹, 155, and 130 to Facility Operating Licenses Nos. DPR-33, DPR-52 and DPR-68 for the Browns Ferry Nuclear Plant, Units 1, 2 and 3, respectively. These amendments are in response to your application dated October 27, 1987. The proposed amendment will add an ASME Section XI pump and valve program definition and change applicable testing frequencies to reference this definition.

A copy of the Safety Evaluation is also enclosed. Notice of Issuance will be included in the Commission's Bi-Weekly Federal Register Notice.

Sincerely,

Original Signed by
Suzanne Black, Assistant Director
for Projects
TVA Projects Division
Office of Special Projects

- Enclosures: 159
1. Amendment No. ~~158~~ to License No. DPR-33
 2. Amendment No. 155 to License No. DPR-52
 3. Amendment No. 130 to License No. DPR-68
 4. Safety Evaluation

Distribution

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DATE	:11/14/88	: 9/27/88	: 9/26/88	: 9/29/88	: 11/24/88	:	: : :

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ATTACHMENT TO LICENSE AMENDMENT NO. ~~158~~ 159

FACILITY OPERATING LICENSE NO. DPR-33,

DOCKET NO. 50-259

Revise the Appendix A Technical Specifications by removing the pages identified below and inserting the enclosed pages. The revised pages are identified by the captioned amendment number and contain marginal lines indicating the area of change. Overleaf pages* are provided to maintain document completeness.

REMOVE

1.0-11
 1.0-12
 -
 3.3/4.3-11
 3.3/4.3-12
 3.3/4.4-1
 3.3/4.4-2
 3.5/4.5-1
 3.5/4.5-2
 3.5/4.5-3
 3.5/4.5-4
 3.5/4.5-7
 3.5/4.5-8
 3.5/4.5-9
 3.5/4.5-10
 3.5.4.5-12
 3.5/4.5-13
 3.5/4.5-14
 3.5/4.5-15
 3.5/4.5-34
 3.5/4.5-35
 3.6/4.6-9
 3.6/4.6-10
 3.6/4.6-30
 3.6/4.6-31
 3.7/4.7-9
 3.7/4.7-10
 3.7/4.7-11
 3.7/4.7-12
 3.7.4.7-17
 3.7.4.7-18
 3.7/4.7-21
 3.7/4.7-22
 3.7/4.7-49
 3.7/4.7-50

INSERT

1.0-11*
 1.0-12
 1.0-13
 3.3/4.3-11*
 3.3/4.3-12
 3.3/4.4-1
 3.3/4.4-2*
 3.5/4.5-1
 3.5/4.5-2
 3.5/4.5-3*
 3.5/4.5-4
 3.5/4.5-7
 3.5/4.5-8*
 3.5/4.5-9
 3.5/4.5-10*
 3.5/4.5-12*
 3.5/4.5-13
 3.5/4.5-14
 3.5/4.5-15*
 3.5/4.5-34*
 3.5/4.5-35
 3.6/4.6-9*
 3.6/4.6-10
 3.6/4.6-30
 3/6/4.6-31*
 3.7/4.7-9
 3.7/4.7-10
 3.7/4.7-11
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 3.7/4.7-17
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UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF SPECIAL PROJECTS

SUPPORTING AMENDMENT NO. ¹⁵⁹ ~~159~~ TO FACILITY OPERATING LICENSE NO. DPR-33

AMENDMENT NO. 155 TO FACILITY OPERATING LICENSE NO. DPR-52

AMENDMENT NO. 130 TO FACILITY OPERATING LICENSE NO. DPR-68

TENNESSEE VALLEY AUTHORITY

BROWNS FERRY NUCLEAR PLANT, UNITS 1, 2 AND 3

DOCKET NOS. 50-259, 50-260 AND 50-296

1.0 INTRODUCTION

By letter dated October 27, 1987, Tennessee Valley Authority (The licensee) requested a change to the Browns Ferry Nuclear Plant, Unit 1, 2 and 3 Technical Specifications to reference the ASME Section XI Pump and Valve Program definition and to revise applicable surveillance tests frequencies consistent with the specified ASME program. The existing monthly pump and valve surveillance test frequencies were based upon earlier editions of the ASME code which have been revised in a more recent edition that specifies quarterly testing requirements.

2.0 EVALUATION

Testing in accordance with ASME Section XI is required by 10 CFR 50.55a(g). Adding an ASME Section XI Pump and Valve Program definition to the Technical Specifications and referencing this definition throughout applicable pump and valve surveillance test requirements in the Technical Specifications provides consistency between the requirements of the ASME Section XI Pump and Valve Program and the requirements of the Technical Specification.

The substantive changes involve the frequency of testing ASME Section XI pumps, motor operated valves, solenoid operated air/nitrogen valves, the closure time testing of main steam isolation valves, the exercising of vacuum breakers, and the operability testing of the scram discharge volume drain and vent valves. The reduction in the frequency of testing began with the 1979 edition/Winter 1979 addenda of the Code because monthly testing caused unnecessary wear to safety-related components and increased the probability of system misalignments resulting from returning the system to their normal configurations following testing.

The licensee, in a letter dated December 23, 1986, established the 1980 edition/Winter 1980 addenda as its ASME Section XI code of record per 50.55a(g)(4). The proposed changes reflect the current ASME Section XI Pump and Valve Program. Changing the frequency requirements to reflect the ASME Section XI Pump and Valve Program does not affect the intent of the technical

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