



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

TENNESSEE VALLEY AUTHORITY

DOCKET NO. 50-259

BROWNS FERRY NUCLEAR PLANT, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 62
License No. DPR-33

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Tennessee Valley Authority (the licensee) dated August 13, 1980, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and paragraph 2.C(2) of Facility License No. DPR-33 is hereby amended to read as follows:

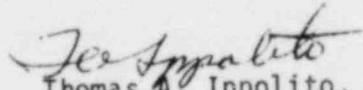
(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 62, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

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3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION


Thomas A. Ippolito, Chief
Operating Reactors Branch #2
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: October 6, 1980

ATTACHMENT TO LICENSE AMENDMENT NO. 62

FACILITY OPERATING LICENSE NO. DPR-33

DOCKET NO. 50-259

Revise Appendix A as follows:

1. Remove the following pages and replace with identically numbered pages:

171/172

2. The underlined page is the page being changed; marginal lines on this page indicate the revised area. The overleaf page is provided for convenience.

Table 3.5.I-1
MAPLHGR VERSUS AVERAGE PLANAR EXPOSURE

Fuel Type: Initial Core - Type 1 & 3

Average Planar Exposure (Mwd/t)	MAPLHGR (kW/ft)
200	15.0
1,000	15.1
5,000	16.0
10,000	16.3
15,000	16.1
20,000	15.4
25,000	14.2
30,000	13.1
35,000*	11.8
40,000*	10.5

Table 3.5.I-2
MAPLHGR VERSUS AVERAGE PLANAR EXPOSURE

Fuel Type: Initial Core - Type 2

Average Planar Exposure (Mwd/t)	MAPLHGR (kW/ft)
200	15.6
1,000	15.5
5,000	16.2
10,000	16.5
15,000	16.5
20,000	15.8
25,000	14.5
30,000	13.3
35,000*	11.9
40,000*	10.6

*The average level of irradiation of the irradiated fuel from the reactor shall not exceed 33,000 MWD/MTU in accordance with Tables S-3 and S-4 of 10 CFR Part 51.



UNITED STATES
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TENNESSEE VALLEY AUTHORITY

DOCKET NO. 50-260

BROWNS FERRY NUCLEAR PLANT, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 57
License No. DPR-52

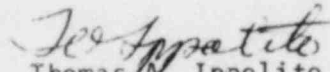
1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Tennessee Valley Authority (the licensee) dated August 13, 1980, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and paragraph 2.C(2) of Facility License No. DPR-52 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 57, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION


Thomas A. Ippolito, Chief
Operating Reactors Branch #2
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: October 6, 1980

ATTACHMENT TO LICENSE AMENDMENT NO. 57

FACILITY OPERATING LICENSE NO. DPR-52

DOCKET NO. 50-260

Review Appendix A as follows:

1. Remove the following pages and replace with identically numbered pages:

171/172

2. The underlined page is the page being changed; marginal lines on this page indicate the area being revised. The overleaf page is provided for convenience.

Table 3.5.I-1

MAPLHGR VERSUS AVERAGE PLANAR EXPOSURE

Fuel Type: Initial Core - Type 1 & 3

<u>Average Planar Exposure (Mwd/t)</u>	<u>MAPLHGR (kW/ft)</u>	<u>PCT (°F)</u>
200	15.0	1926
1,000	15.1	1902
5,000	16.0	1975
10,000	16.3	2047
15,000	16.1	2151
20,000	15.4	2136
25,000	14.2	2035
30,000	13.1	1922
35,000 *	11.8	1821
40,000 *	10.5	1640

Table 3.5.I-2

MAPLHGR VERSUS AVERAGE PLANAR EXPOSURE

Fuel Type: Initial Core - Type 2

<u>Average Planar Exposure (Mwd/t)</u>	<u>MAPLHGR (kW/ft)</u>	<u>PCT (°F)</u>
200	15.6	1973
1,000	15.5	1956
5,000	16.2	1973
10,000	16.5	2063
15,000	16.5	2143
20,000	15.8	2119
25,000	14.5	2005
30,000	13.3	1886
35,000 *	11.9	1782
40,000 *	10.6	1615

*The average level of irradiation of the irradiated fuel from the reactor shall not exceed 33,000 MWD/MTU in accordance with Tables S-3 and S-4 of 10 CFR Part 51.

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Table 3.5.I-3

MAPLHGR VERSUS AVERAGE PLANAR EXPOSURE

Fuel Type: 8D274L

<u>Average Planar Exposure (Mwd/t)</u>	<u>MAPLHGR (kW/ft)</u>	<u>PCT (°F)</u>
200	11.2	1652
1,000	11.3	1645
5,000	11.9	1648
10,000	12.1	1626
15,000	12.2	1642
20,000	12.1	1642
25,000	11.6	1603
30,000	10.9	1537

Table 3.5.I-4

MAPLHGR VERSUS AVERAGE PLANAR EXPOSURE

Fuel Type: 8D274E

<u>Average Planar Exposure (Mwd/t)</u>	<u>MAPLHGR (kW/ft)</u>	<u>PCT (°F)</u>
200	11.1	1646
1,000	11.2	1635
5,000	11.8	1640
10,000	12.1	1630
15,000	12.2	1647
20,000	12.0	1648
25,000	11.5	1608
30,000	10.9	1547