

October 3, 1985

DLR 016

Docket No. 50-336

DISTRIBUTION:

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Dear Mr. Opeka:

The Commission has issued the enclosed Amendment No.105 to Facility Operating License No. DPR-65 for Millstone Nuclear Power Station, Unit No. 2, in response to your application dated July 10, 1985.

This amendment corrects a typographical error on Figure 3.2-2a of the Technical Specifications.

A copy of our Safety Evaluation is also enclosed. The notice of issuance will be included in the Commission's next monthly Federal Register notice.

Sincerely,

/S/

D. B. Osborne, Project Manager
Operating Reactors Branch #3
Division of Licensing

Enclosures:

1. Amendment No.105 to DPR-65
2. Safety Evaluation

cc w/enclosures:
See next page

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Mr. John F. Opeka
Northeast Nuclear Energy Company

Millstone Nuclear Power Station
Unit No. 2

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

NORTHEAST NUCLEAR ENERGY COMPANY
THE CONNECTICUT LIGHT AND POWER COMPANY
THE WESTERN MASSACHUSETTS ELECTRIC COMPANY

DOCKET NO. 50-336

MILLSTONE NUCLEAR POWER STATION, UNIT NO. 2
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No.105
License No. DPR-65

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Northeast Nuclear Energy Company, et al. (the licensee), dated July 10, 1985, complies with 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.

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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 Operating License No. DPR-65 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 105, 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 issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Edward J. Butcher, Acting Chief
Operating Reactors Branch #3
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: October 3, 1985

ATTACHMENT TO LICENSE AMENDMENT NO.105

FACILITY OPERATING LICENSE NO. DPR-65

DOCKET NO. 50-336

Replace the following page of the Appendix A Technical Specifications with the enclosed page. The revised page is identified by amendment number and contains vertical lines indicating the areas of change. The corresponding overleaf page is provided to maintain document completeness.

Remove Page

3/4 2-7

Insert Page

3/4 2-7

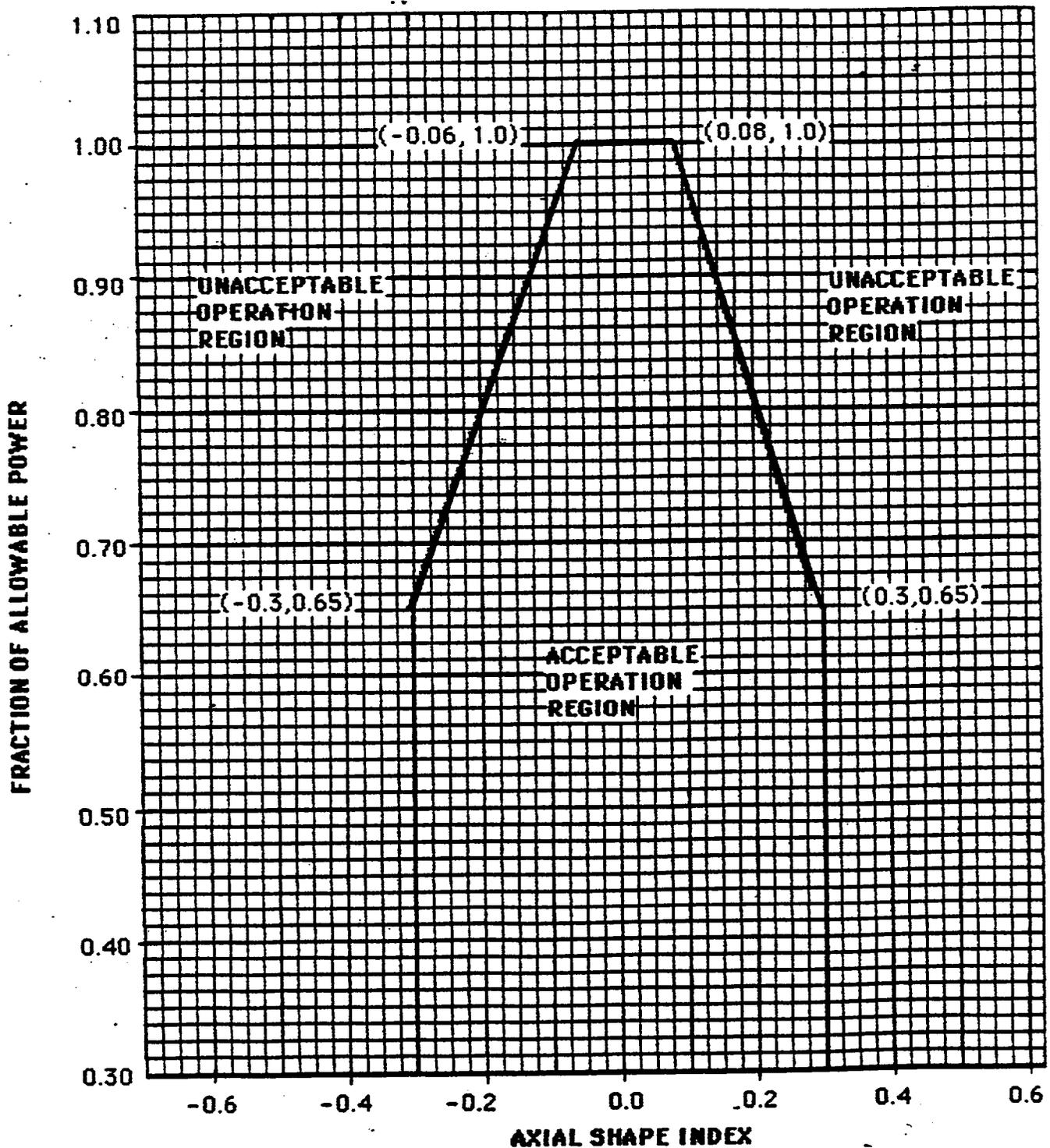
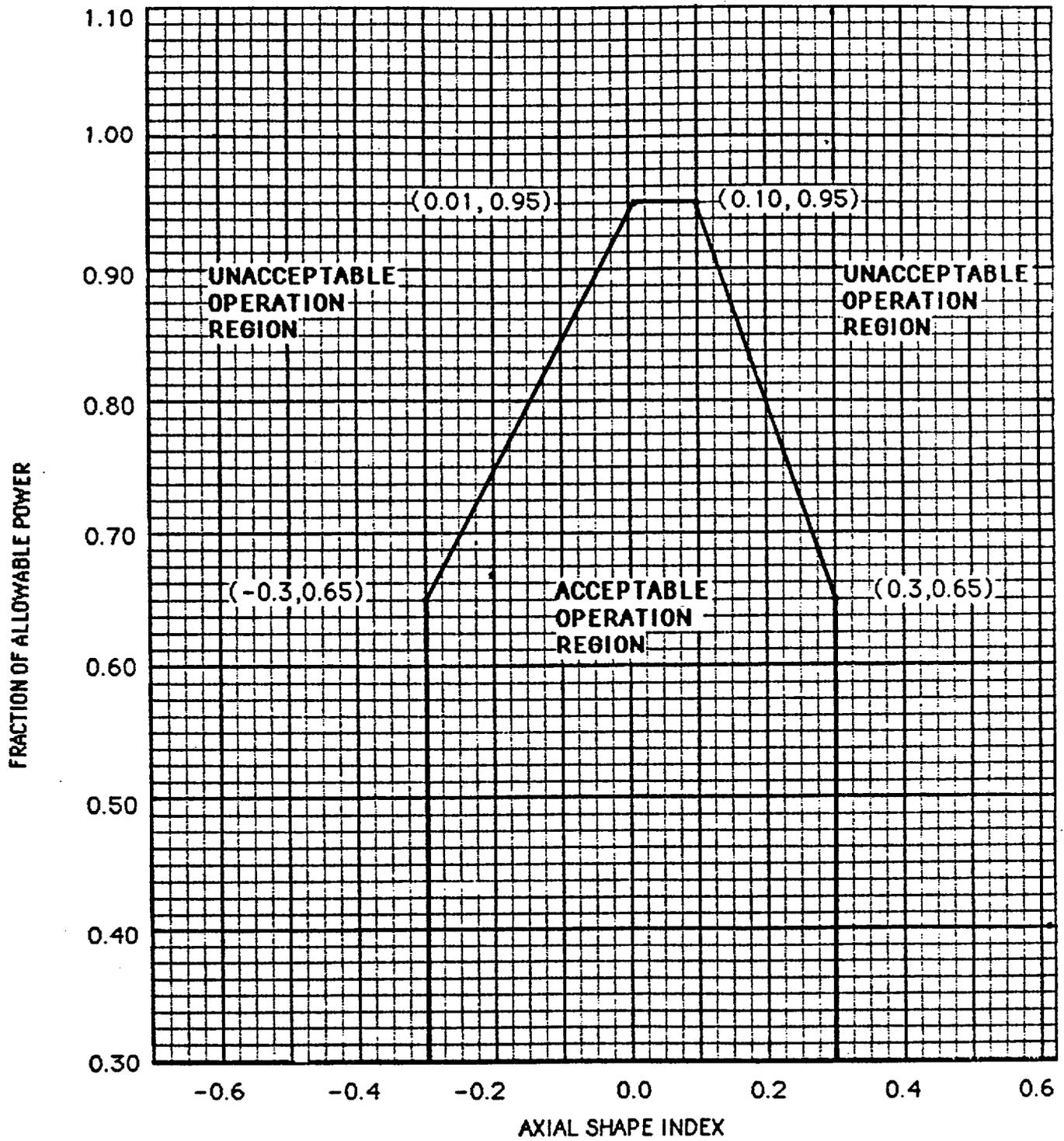


FIGURE 3.2-2a AXIAL SHAPE INDEX vs FRACTION OF ALLOWABLE POWER LEVEL per Specification 4.2.1.2c



**FIGURE 3.2-2b AXIAL SHAPE INDEX vs FRACTION OF ALLOWABLE POWER LEVEL |
per Specification 4.2.1.2c**



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 105 TO DPR-65

NORTHEAST NUCLEAR ENERGY COMPANY, ET AL.

MILLSTONE NUCLEAR POWER STATION, UNIT NO. 2

DOCKET NO. 50-336

1.0 INTRODUCTION

In Reference 1, Northeast Nuclear Energy Company (NNECo) submitted a license amendment request to correct a typographical error discovered by NNECo during their review of Amendment No. 99 to Facility Operating License No. DPR-65. This error was contained in NNECo's Reference 2 application which was subsequently approved in Amendment No. 99. The error is contained in Figure 3.2-2a which erroneously specified one coordinate as (-0.08,1.0) versus the intended coordinate of (-0.06, 1.0).

2.0 DISCUSSION

Figure 3.2-2a of Amendment No. 99 would have allowed the core power distribution to operate in an unacceptable region. Prior to startup from the Cycle 7 refueling and maintenance outage, NNECo discovered the error and took administrative action to limit operation to the proper co-ordinate. Operation within the unacceptable region did not occur.

This amendment corrects the error and does not impact the previously derived maximum linear heat rate or any other parameter which could adversely impact plant transient or accident analysis. References 2 & 3 remain applicable to this change and support the conclusion that none of the criteria of 10 CFR 50.59(a)(2) are compromised. There has been no error in the analysis or methodology used to determine the curve, rather the error is administrative. Typographical errors in the NNECo Technical Specifications are rare and there is no evidence of pervasive errors of this nature so remedial action is not recommended. Based on the above discussion, we find the proposed change to the Technical Specification acceptable and necessary.

3.0 ENVIRONMENTAL CONSIDERATION

This amendment involves a change in the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission

has previously published a proposed finding that the amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR §51.22(c)(9). Pursuant to 10 CFR §51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendment.

4.0 CONCLUSION

We have concluded, based on the considerations discussed above, that (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations, and the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Date: October 3, 1985

Principal Contributor:
D. Osborne

References

1. J. F. Opeka (NNECo), letter to E. J. Butcher (NRC), July 10, 1985.
2. W. G. Council (NNECo), letter to J. R. Miller (NRC), with "Cycle Refueling - Preliminary Reload Safety Analysis," February 6, 1985.
3. L. S. Rubenstein (NRC), memorandum for G. C. Lainas, "Safety Evaluation for Millstone Unit 2, Cycle 7 Reload", June 17, 1985.