



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

YANKEE ATOMIC ELECTRIC COMPANY

DOCKET NO. 50-29

YANKEE NUCLEAR POWER STATION (YANKEE-ROWE)

AMENDMENT TO FACILITY OPERATING LICENSE

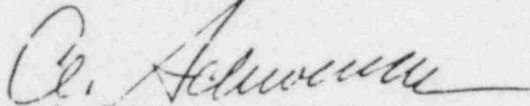
Amendment No. 32
License No. DPR-3

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Yankee Atomic Electric Company (the licensee) dated October 12, 1976, 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.

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

FOR THE NUCLEAR REGULATORY COMMISSION



A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors

Attachment:
Changes to the Technical
Specifications

Date of Issuance: November 23, 1976

ATTACHMENT TO LICENSE AMENDMENT NO. 32

FACILITY LICENSE NO. DPR-3

DOCKET NO. 50-29

Revise Appendix A of current Technical Specifications as follows:

1. Replace page 2 with attached revised page 2.
2. Replace Figure 8-1(page 56) with attached revised Figure 8-1 (page 56)

Revise Appendix A of Standard Technical Specifications issued with Amendment No. 27 (effective January 1977)

Replace pages 3/4 2-3 and 3/4 2-4 with revised pages 3/4 2-3 and 3/4 2-4 (no changes on page 3/4 2-4).

- 214 Nuclear Instrumentation System
- 215 Radiation Monitoring System
- 218 Fuel Handling System
- 224 Compressed Air Systems
- 231 Vapor Containment
- 232 Radiation Shielding
- 235 Architectural Features

Physical arrangements of structures and equipment will be as described in Section 200 of the license application. Mechanical equipment and systems will be interconnected as shown in the Fundamental Flow Diagram included in that section.

Electrical equipment and systems which provide station auxiliary power supply will be as described in Section 226 of the license application and will be interconnected as shown in the 2400 volt one-line diagram and the 480 volt one-line diagram, sheets 1, 2 and 3, included in that section.

The ventilation system for the control room area, radiochemical laboratory, decontamination cubicle, fuel transfer pit house, and other potentially contaminated portions of the Turbine Generator Service, Primary Auxiliary, and Waste Disposal Buildings shall be in accordance with the description contained in Section 228 of Part B of the license application.

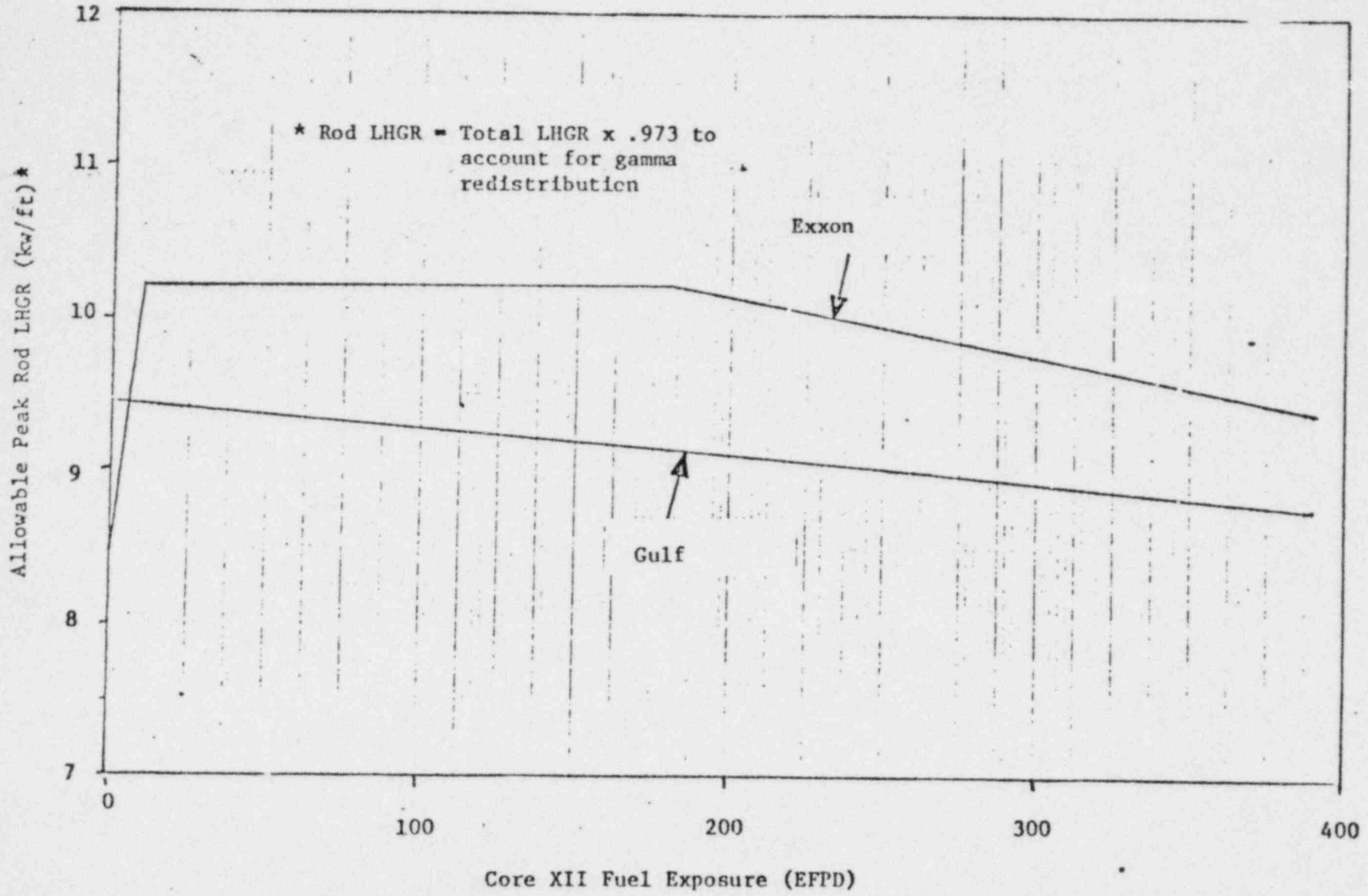
3. The Performance Analysis for the current reload core, "Yankee Nuclear Power Station Core XII Performance Analysis, July 9, 1975" (as supplemented October 10, 1975, February 19, 1976, August 17, 1976, and October 12, 1976, and the "Additional LOCA Analysis - Appendix B" dated February 20, 1976, are incorporated as part of these technical specifications. The analysis presented in the FSAR for Core XI forms the basis for the reference core performance analysis.

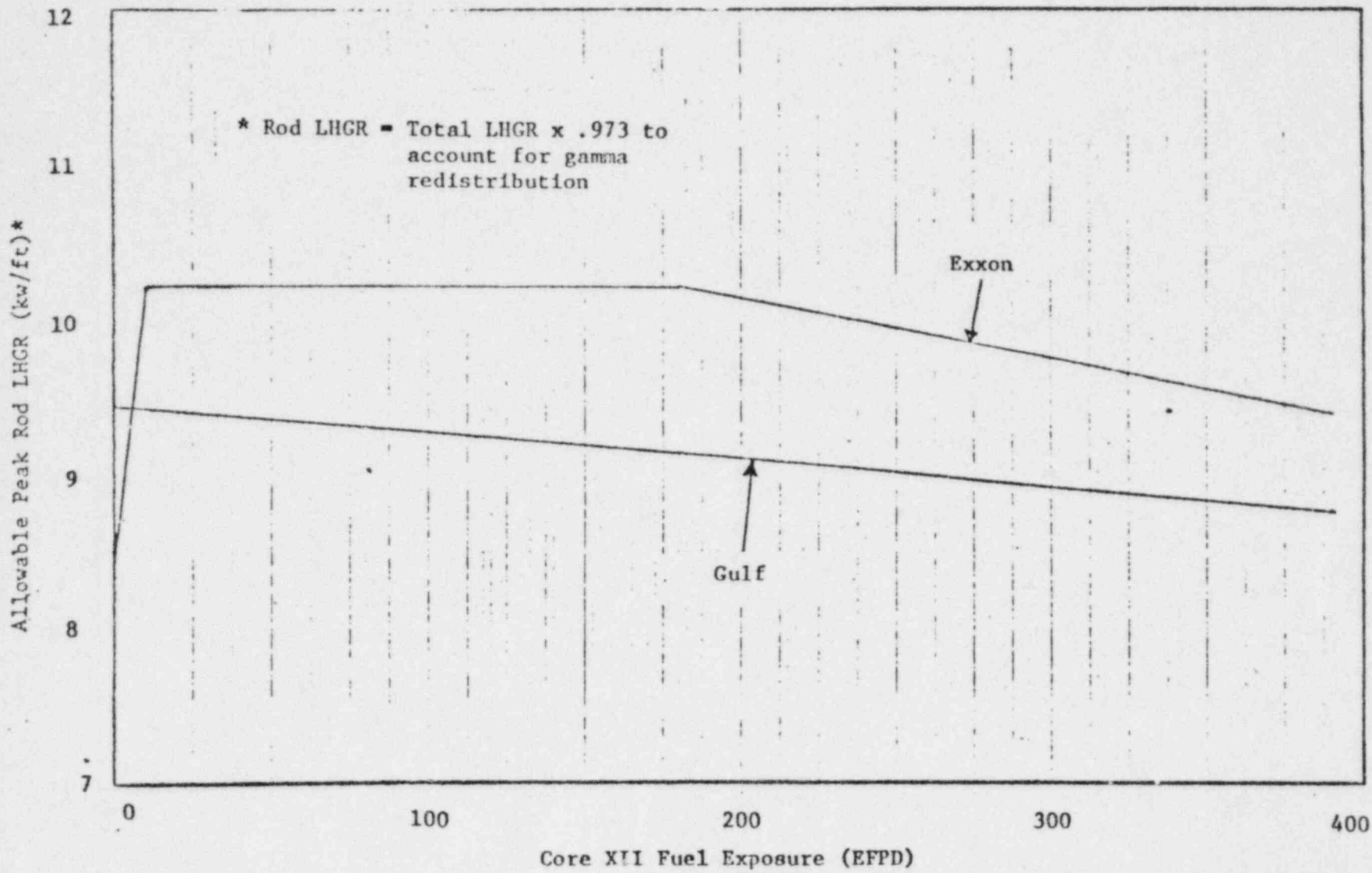
C. PERFORMANCE SPECIFICATIONS

Calculated values of operating variables such as pressures, temperatures, flows, heat fluxes, reactivity coefficients and on-site radiation levels under steady state and transient conditions which are stated in the sections of the license application listed in Paragraph B, above, are considered to be performance specifications of the reactor and are incorporated by reference herein. Yankee shall not operate the facility under circumstances where there is a substantial variance between the foregoing performance specifications and the corresponding values determined by operation of the facility.

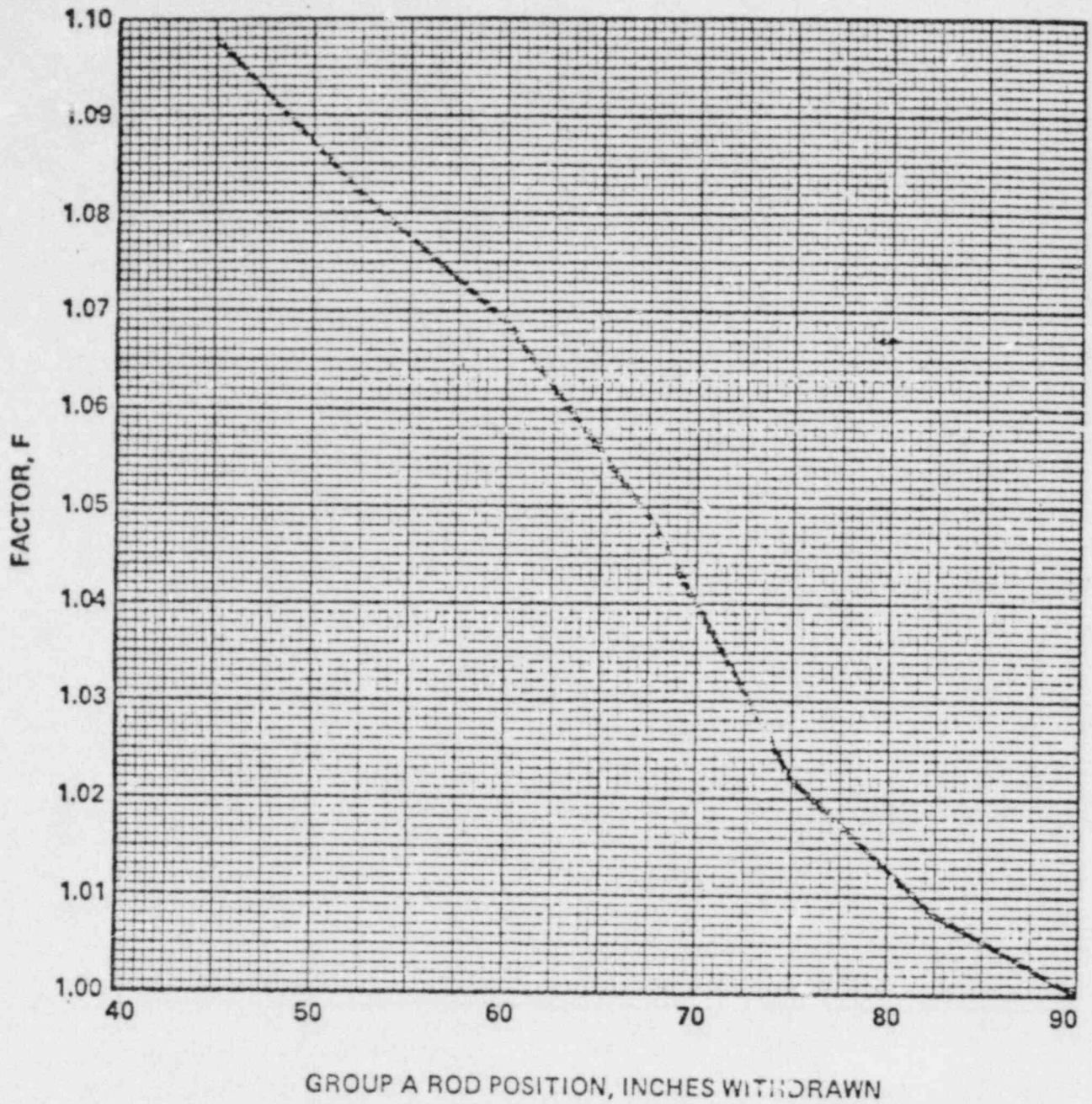
The performance and function of the systems described in the following sections of the license application shall be substantially as described; however, the details of individual components and their arrangement as described in each of these sections may be altered by Yankee at its own discretion provided that such an alteration would not violate some other provision of these Technical Specifications:

POOR ORIGINAL





Core XII Fuel Exposure (EFPD)
 Figure 3.2-1
 Core XII Allowable Peak Rod LHGR Versus Exposure



$$F_I = \frac{F @ \text{Limit}}{F @ \text{Measurement}}$$

FIGURE 3.2-2

Factor F as a Function
of Rod Insertion

YANKEE-ROWE

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