



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

NOV 15 1979

MEMORANDUM FOR: T. Ippolito, Chief  
Operating Reactors Branch #3  
Division of Operating Reactors

FROM: G. Lainas, Chief  
Plant Systems Branch  
Division of Operating Reactors

SUBJECT: SAFETY EVALUATION REPORT - VERMONT YANKEE NUCLEAR  
POWER STATION, UNIT 1 - EMERGENCY CORE COOLING  
SYSTEM LOGIC TECHNICAL SPECIFICATION CHANGE  
REQUEST (TAC 11758)

The Plant Systems Branch has reviewed the Vermont Yankee Nuclear Power Corporation's submittal of May 18, 1979, in which the licensee requested amendments to Facility Operating License No. DPR-28 to incorporate changes to the Technical Specifications for the Vermont Yankee Nuclear Power Station, Unit 1. The proposed changes are the result of a procedural change proposed in response to the directions of IE Bulletin No. 79-08 dated April 14, 1979 and the "Standard Technical Specifications for General Electric Boiling Water Reactors."

The licensee's amendments proposed changes to the Technical Specifications which relate to modifications to the testing of the Emergency Core Cooling actuation logic. The change requested is that the logic test interval times for the LPCI, HPCI, SJAE, and AOG trip logics be doubled. We requested additional information from the licensee. The licensee has not responded. Therefore, we find that insufficient data and bases have been submitted to enable an independent safety review. We recommend that the proposed Technical Specifications be rejected and this TAC be closed out.

G. Lainas, Chief  
Plant Systems Branch  
Division of Operating Reactors

Enclosure:  
Safety Evaluation  
Report

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SAFETY EVALUATION REPORT  
VERMONT YANKEE NUCLEAR POWER STATION, UNIT 1  
EMERGENCY CORE COOLING SYSTEM LOGIC  
TECHNICAL SPECIFICATION CHANGE

I. INTRODUCTION

The licensee, Vermont Yankee Nuclear Power Corporation, in its submittal of May 18, 1979, proposed certain modifications to the Technical Specifications for the Vermont Yankee Nuclear Power Station, Unit 1, Facility Operating Licensing No. DPR-28. The status of the staff's evaluation is presented below.

II. EVALUATION

The amendments proposed changes to the Technical Specifications which relate to modifications to the testing of the Emergency Core Cooling actuation logic. The change requested is that the logic test interval times for the LPCI, HPCI, RCIC, SJAE, and AOG trip logics be doubled. Our review indicated that the FSAR did not provide the supporting information that is required to evaluate and justify the change. In order to gain further insight to the requested changes, the staff requested additional information from the licensee. The licensee has not been responsive.

III. CONCLUSION

Based on our review, we find that insufficient data and bases have been submitted to enable an independent safety review. Therefore, we conclude that the proposed Technical Specifications is not acceptable and recommend that the licensee's request be denied.