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

October 24, 1980

Docket No. 50-271

Mr. Robert L. Smith  
Licensing Engineer  
Vermont Yankee Nuclear Power Corporation  
25 Research Drive  
Westboro, MA 01581

Dear Mr. Smith:

In the Safety Evaluation Report accompanying License Amendment 43 (dated January 13, 1978) to the Vermont Yankee operating license, we identified a number of items regarding fire protection which could not be evaluated until additional information was provided. Enclosed is our evaluation of your response to the SER requirement for the following items:

- 3.1.1 Fire Detection Systems
- 3.1.4(a) Water Suppression System
- 3.1.4(b) Water Suppression System
- 3.1.4(c) Water Suppression System
- 3.1.4(d) Water Suppression System
- 3.1.8 Fire Barrier Penetration Seals
- 3.1.14(a) Air Breathing Apparatus

Based on our review, we find your proposed fire protection modifications regarding the above items are acceptable.

*John N. Hanson, for*  
 Thomas A. Ippolito, Chief  
 Operating Reactors Branch No. 2  
 Division of Licensing  
 Nuclear Reactor Regulation

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Mr. Robert L. Smith

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cc:

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Mr. Robert L. Smith

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cc:  
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c/o U. S. NRC  
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