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# YANKEE ATOMIC ELECTRIC COMPANY

B.4.1.1  
WYR 80-107



20 Turnpike Road Westborough, Massachusetts 01581

September 18, 1980

United States Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region I  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Attention: Mr. Boyce H. Grier, Director

References: (a) License No. DPR-3 (Docket No. 50-29)  
(b) USNRC Letter to YAEC dated July 24, 1980  
I & E Bulletin No. 80-18

Dear Sir:

Subject: Response to I & E Bulletin 80-18; "Charging Pump Minimum Flow"

As requested in Reference (b), we have determined that minimum cooling is provided to centrifugal pumps used for high pressure injection. At Yankee Rowe, this applies to the HPSI pumps and not the charging pumps. The charging pumps are positive displacement pumps and trip on a safety injection actuation signal.

The minimum flow line for the HPSI pumps remains open during high pressure injection and guarantees that minimum cooling flow will be provided to the pumps. Since all safety related analyses assumed that the minimum flow lines were open, no additional analyses or calculations are required.

We trust this information is satisfactory; however, if you have any questions please contact us.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY

*D. E. Moody*

D. E. Moody  
Manager of Operations

BLD/sec

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