



VERMONT YANKEE NUCLEAR POWER CORPORATION

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REPLY TO:
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TELEPHONE 617-872-8100

September 3, 1981

United States Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Office of Nuclear Reactor Regulation
Mr. Vernon L. Rooney, Project Manager
Operating Reactors Branch #2
Division of Licensing



Reference: (a) License No. DPR-28 (Docket No. 50-271)

Subject: Vermont Yankee Reload Licensing Methods

Dear Sir:

Per discussions with Dr. Hsui of your staff, we are forwarding the enclosed draft copy of the documentation on the EPRI void model titled "A Mechanistic Model For Predicting Two-Phase Void Fraction For Water In Vertical Tubes, Channels And Rod Bundles" by G. S. Lellouche and B. A. Zolotar of EPRI. This documentation was provided to Yankee Atomic Electric Company by EPRI.

We trust this information will be acceptable; however, should you have any questions, please contact us.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION

R. L. Smith

R. L. Smith
Licensing Engineer

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cc: Dr. G. Hsui