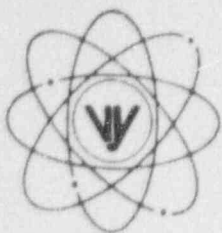


VERMONT YANKEE NUCLEAR POWER CORPORATION



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January 16, 1996
BVY 96-05

United States Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

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

Subject: Vermont Yankee Cycle 18 Core Performance Analysis Report

Enclosed for your convenience is Revision 1 of the Vermont Yankee Cycle 18 Core Performance Analysis Report, dated November 1995. This report presents design information, calculational results and operating limits pertinent to the operation of Cycle 18 of the Vermont Yankee Nuclear Power Station. Revision 1 incorporates the recently analyzed Loss of Stator Cooling event.

Should you have any questions regarding the enclosed material, please contact this office.

Sincerely,

VERMONT YANKEE NUCLEAR POWER CORPORATION

James J. Duffy
Licensing Engineer

Enclosure

c: USNRC Region I Administrator
USNRC Resident Inspector - VYNPS
USNRC Project Manager - VYNPS

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