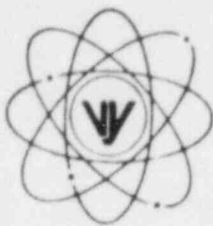


VERMONT YANKEE NUCLEAR POWER CORPORATION



RD 5, Box 169, Ferry Road, Brattleboro, VT 05301

2.C.2.1
FVY 82-112

REPLY TO:

ENGINEERING OFFICE

1671 WORCESTER ROAD
FRAMINGHAM, MASSACHUSETTS 01701
TELEPHONE 617-872-8100

October 14, 1982

U.S. Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406

Attention: George H. Smith, Director
Division of Emergency Preparedness and
Operational Support

References: a) License No. DPR-28 (Docket 50-271)
b) USNRC Letter, G.H. Smith to J.B. Sinclair, dated 8/9/82

Dear Sir:

Subject: Confirmatory Action Letter 82-13; Iodine Plateout
Supplemental Information

In response to the request made in Reference (b), we have repeated an evaluation of the amount of sample that could be lost due to plateout using elemental Iodine. The results of that evaluation reveal that the plateout on the containment gas sampling cylinder was 9.53%. Because the error involved due to plateout is small when compared to the activity of the sample we feel that no corrective actions are necessary when transferring aliquots from the sample cylinder to a suitable counting geometry.

We trust the information provided above is responsive to your request; however, should you have any questions do not hesitate to call.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION

Warren P. Murphy
Warren P. Murphy
Vice President and
Manager of Operations

WPM/dm

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PDR ADOCK 05000271
G PDR