

Regulatory

File Cy.

CONNECTICUT YANKEE ATOMIC POWER COMPANY

HADDAM NECK PLANT

RR #1, BOX 127E, EAST HAMPTON, CONN. 06424

May 6, 1974

CYH-2650

Mr. James P. O'Reilly, Director
Region 1
Directorate of Regulatory Operations
U. S. Atomic Energy Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

50-213



Dear Mr. O'Reilly;

As defined by Technical Specifications for Connecticut Yankee Atomic Power Station, Section 5.3, the following information involving failure of the 2B Emergency Diesel Generator during a routine monthly surveillance test is hereby reported as abnormal occurrence 74-8.

Shortly before the completion of the monthly load test of 2B Emergency Diesel Generator as required by Section 4.5A of the Technical Specification, smoke was observed coming from the associated control console. The test run was suspended and the diesel unit shutdown. CO₂ was discharged into the console to extinguish any ignited material.

Investigation revealed that one of the three field excitation transformers (one per phase) had overheated and burned a hole in the transformer winding approximately one and one-half inches in diameter. Damage was also indicated in the connecting wiring for the affected transformer.

The affected transformer was removed pending receipt of a replacement. The remaining two transformers were removed and tested satisfactorily. Necessary replacements and wiring repair will be accomplished promptly. An investigation of the failure cause is continuing with the Vendor. The remaining Emergency Diesel Generator will be operated in accordance with the Technical Specifications pending repair completion. A final report will be submitted within ten days.

Very truly yours,

F. W. Hartley
F. W. Hartley
Plant Superintendent



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