

NORTHEAST UTILITIES



THE CONNECTICUT LIGHT AND POWER COMPANY
WESTERN MASSACHUSETTS ELECTRIC COMPANY
HOLYOKE WATER POWER COMPANY
NORTHEAST UTILITIES SERVICE COMPANY
NORTHEAST NUCLEAR ENERGY COMPANY

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December 13, 1985

Docket No. 50-245
B11918

Director of Nuclear Reactor Regulation
Attn: Mr. C. I. Grimes, Director
Integrated Safety Assessment Project Directorate
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Gentlemen:

Millstone Nuclear Power Station, Unit No. 1
Main Turbine Inspection Program

During the current refueling outage of Millstone Unit No. 1, an inspection of the main turbine was conducted in accordance with the schedule previously established by Northeast Nuclear Energy Company (NNECO). This schedule was established and reviewed in conjunction with SEP Topic III.4-B. The purpose of this letter is to provide an informational update to the Staff on the findings of this most recent inspection.

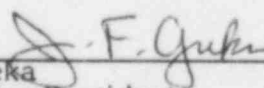
During the inspection of the "B" Low Pressure Turbine, conducted during the 1985 refueling outage, stress corrosion cracking was identified above the keyway on the number 4 generator-end wheel. The size of the indication was measured at 1.4 inches in length. This is an increase of approximately 1.2 inches over the length of the same indication measured during the inspection conducted during the 1980 refueling outage. The General Electric Company has analyzed the inspection results for the two inspections and has recommended a twenty-one month (21) inspection interval for the affected component. This inspection interval ensures that the probability of turbine damage and subsequent missile generation which could lead to damage to critical control components remains acceptably low.

Therefore, in addition to the normally scheduled inspection of the "A" Low Pressure Turbine, NNECO plans to reinspect the "B" Low Pressure Turbine during the 1987 refueling outage which is presently scheduled for August, 1987.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

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Senior Vice President

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