

# NORTHEAST UTILITIES



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

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May 11, 1979

Docket No. 50-245

Mr. Boyce H. Grier  
Director, Region I  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

- References:
- (1) Boyce Grier letter to W. G. Council, dated April 17, 1979, forwarding I & E Bulletin 79-09
  - (2) General Electric Service Advice Letter No. 175 (CPDD) 9.3

Millstone Nuclear Power Station, Unit No. 1  
General Electric Type AK-2 Circuit Breakers  
In Safety Related Systems

Dear Mr. Grier:

Reference (1), which addresses failures of General Electric type AK-2 circuit breakers in safety related systems, requests that power reactor facilities with an operating license determine whether or not these type of breakers are used in safety related systems at their facility.

A survey of the 480 volt circuit breakers at Millstone Unit 1 has disclosed that General Electric AK-2A-25-1, AK-2A-50-1 and AK-2A-75-1 circuit breakers are employed in safety related systems. However, none of these circuit breakers have the undervoltage tripping device that has caused the failures described in Reference (1).

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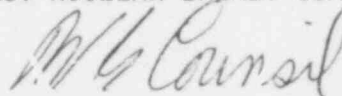
May 11, 1979

All the Millstone Unit 1 480 volt circuit breakers that are required to open during a loss of normal power are tripped by supplying a signal from the "Loss of Normal Power" logic circuitry to the normal breaker shunt trip coil which is energized any time it is desired to open the breaker. As a result, the trip mechanisms are not subject to failure as described in Reference (1).

We trust the above information is responsive to your request.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY



W. G. Council  
Vice President

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