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# YANKEE ATOMIC ELECTRIC COMPANY

B.4.2.1



20 Turnpike Road Westborough, Massachusetts 01581

WYR 79-58

May 18, 1979

United States Nuclear Regulatory Commission  
Region I  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Attention: Office of Inspection and Enforcement  
Boyce H. Grier, Director

Reference: (1) License No. DPR-3 (Docket No. 50-29)  
(2) NRC, Region 1, letter dated April 17, 1979  
(3) IE Bulletin No. 79-09 dated April 17, 1979

Dear Sir:

Subject: Failures of GE Type AK-2 Circuit Breakers in Safety Related Systems

The following information is being furnished in response to Reference (3). The item numbers used are identical to the numbers in your request.

1. Yankee Rowe has 16 GE Type AK-2 circuit breakers in use in safety-related systems; however, undervoltage trip devices which caused the failures described in IE Bulletin 79-09 are not installed on the breakers at Yankee Rowe. Yankee Rowe, furthermore, has no plans to install undervoltage trip devices on AK-2 circuit breakers.
2. AK-2 circuit breakers are used for the following safety systems:

- Diesel generator incoming lines circuit breakers
- Emergency bus - bus tie circuit breakers
- LPSI pump feeder circuit breakers
- RPSI pump feeder circuit breakers
- Emergency MCC manual throwover switch circuit breakers

A preventive maintenance program has always been in force since the circuit breakers were installed. Maintenance procedures OP-4506, performed at each refueling, ensures that these breakers meet design performance.

3. a. As stated above, a preventive maintenance schedule has

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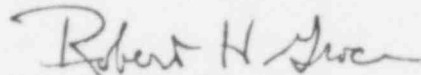
been adhered to.

- b. Circuit breaker maintenance is performed by qualified personnel and the GE power circuit breaker instruction manual is used.
- c. Any additional procedures in GE Service Advice Letter No. 175 (CPDD) 9.7, which are applicable to Yankee Rowe's circuit breakers, will be performed.

We trust that you will find this information satisfactory; however, should you desire additional information, please contact us.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY



Robert H. Groce  
Licensing Engineer

RHG/smw

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