

REGION III MORNING REPORT  
1993

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OCTOBER 19,

Licensee/Facility:

Notification:

Cleveland Electric Illuminating Co.  
Perry 1  
Perry, Ohio

MR Number: 3-93-0316  
Date: 10/19/93  
SRI VIA PC

Dockets: 50-440  
BWR/GE-6

Subject: AGASTAT RELAY FAILURES

Reportable Event Number: N/A

Discussion:

In response to an Agastat relay failure in January, 1993, the licensee removed four normally energized Agastat relays for functional testing and inspection during the present maintenance outage. All four relays passed the functional test. However, the licensee noted heat related degradation of two of the relays during a visual inspection (the other two had not yet been inspected). As a result, the licensee decided to remove an additional sample of 58 relays for testing and inspection. Sixteen relays have been removed and tested to date with three confirmed functional failures. The failures consisted of relays that either functioned slowly or failed to operate. All of the failed relays had been in service for less than General Electric's calculated 4.5 year service life for normally energized Agastat relays. The licensee is evaluating the failures, as they are found, for operability impact. The licensee testing and investigation efforts are continuing. The licensee now plans to test

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and replace more than 260 additional normally energized relays during this outage.

Regional Action:

The resident and regional inspection staff are monitoring licensee testing activities.

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