

Licensee/Facility:

Cleveland Electric Illuminating Co.
Perry 1
Perry, Ohio

Notification:

MR Number: 3-94-0237
Date: 12/12/94
RI VIA TELECON

Dockets: 50-440
BWR/GE-6

Subject: SLOW CONTROL ROD SCRAM TIMES

Reportable Event Number: N/A

Discussion:

During quarterly control rod drive scram time surveillance over the weekend, an excessive number of "slow" CRDs were identified. Of the eighteen CRDs in the surveillance sample, six exceeded the "slow" criteria in the technical specifications. Continued operation is not allowed by the technical specifications if greater than 20 percent (four) of the surveillance sample is "slow." Four additional CRDs were tested and two of them were "slow."

Enforcement discretion was granted on 12/11/94 to allow the licensee to continue operating for up to five days with greater than 20 percent "slow" CRDs to allow completion of testing. The licensee has a General Electric safety analysis which shows that an additional 70 msec conservatism exists in allowed scram times. None of the slow CRDs have exceeded the 70 msec margin.

The problem appears to be associated with the scram solenoid pilot valves, and more particularly with "Viton" seating material in these valves. Seven of the eight "slow" CRDs to date contain Viton from a lot (No. 314) associated with "slow" CRDs at the Grand Gulf plant earlier in the year.

Regional Action:

Coordinate with NRR in following licensee actions. Resident inspectors and a RIII engineering specialist are onsite.

Contact: L.R. GREGER

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