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Central Files

ROCHESTER GAS AND ELECTRIC CORPORATION • 89 EAST AVENUE, ROCHESTER, N.Y. 14649

TELEPHONE  
AREA CODE 716 540-2700

GINNA STATION  
May 11, 1979

50.244

Mr. Boyce H. Grier, Director  
U.S. NUCLEAR REGULATORY COMMISSION  
Office of Inspection and Enforcement  
Region I  
631 Park Avenue  
King of Prussia, PA 19406

Subject: DER 79-11 Overpressurization Protection System PORV's Not  
Having Design  $C_v$

Dear Mr. Grier:

This is confirm our discussion with Mr. Donald Beckman on May 10, 1979 to report Licensee Event Report 79-11. This event is reportable in accordance with Technical Specifications section 6.9.2.a(9), "Performance of... components that require remedial action or corrective measures to prevent operation in a manner less conservative than assumed in the accident analyses in the... Technical Specification basis... and Technical Specification 3.15 which requires the overpressurization system to be operable whenever RCS cold leg temperature  $\leq 330^\circ\text{F}$ .

Contrary to this, the plant was informed by RG&E Engineering Department personnel that Copes-Vulcan Corporation had reported a manufacturing error in the internals for our pressurizer power operated relief valves that reduced the valves' maximum  $C_v$  to 42 versus the design  $C_v$  of 50. The design value was used in the analysis to establish the low temperature overpressurization Technical Specifications. Thus, there may be a greater overshoot of the setpoint during an overpressure transient than was calculated.

New valve internals are being manufactured to correct the problem and will be available in June. They will be installed as soon as practical. Until the new internals are installed Technical Specifications 3.15.1.2 will be observed unless relief from that specification has been granted by the NRC.

Sincerely,

*John C. Snow*

Bruce A. Snow  
Superintendent

act  
cep

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