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(215) 841-5001

May 21, 1982

Docket Nos. 50-277
50-278

Mr. John F. Stolz, Chief
Operating Reactors Branch #4
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, DC 20555

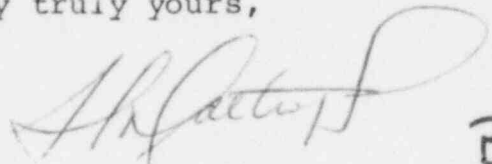
Dear Mr. Stolz:

During a conference call with NRC staff to discuss our proposed design for undervoltage, overvoltage, and underfrequency protection of the Reactor Protection System (RPS) M-G Sets, we were asked to propose tests and a schedule to verify part of our design. Specifically, our design includes a six second time delay on the underfrequency setpoint in order to give the 4KV buses that feed the RPS M-G Sets time to transfer from one off-site source to the other in the event one source is lost. The tests are to determine if underfrequency operation will affect RPS components.

Tests will be conducted at Peach Bottom during the present refueling outage to determine the minimum frequency level that the RPS M-G Set output would reach after our proposed six second time delay. After determining the minimum frequency, selected RPS components will be bench tested at the underfrequency setting to determine if there is any effect on their operation. A complete report on our findings will be submitted within thirty days of completion of the tests.

If you have any questions or require additional information, please don't hesitate to call.

Very truly yours,



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