

February 28, 1980


TO: Mr. E. C. McCabe, U.S. Nuclear Regulatory Commission
FROM: R. E. Denton, Baltimore Gas & Electric Company
SUBJECT: Failure of #21 Diesel Generator to reach rated speed in 10 seconds

The information included herein confirms our phone conversation of February 27, 1980, on the same subject.

While performing routine surveillance testing on #21 Diesel Generator at 2:10 p.m. on February 27, 1980, it was discovered that the diesel did not achieve rated speed in less than 10 seconds as required by Technical Specification 4.8.1.1.2.a.4. A follow-up test was performed at 2:48 p.m.; rated speed and voltage was achieved in 16 seconds. During this time, #21 LPSI pump was tagged out of service to perform coupling alignment checks due to higher than normal vibration (vibration in the "alert" range). This pump had been out of service since 7:00 a.m. on February 25, 1980. Since #21 Diesel Generator provides emergency power to #22 LPSI pump the operability requirements (Technical Specification 1.6) were not fully satisfied for this pump.

Subsequent to the test performed at 2:28 p.m., #21 Diesel Generator was left running and aligned to 4 KV Unit Bus 24 to assure an emergency power source to #22 LPSI pump. During the entire time, both normal sources of off-site A.C. power were available.

At 6:30 p.m., #21 LPSI pump was returned to service. Subsequently, #21 Diesel was removed from service to allow trouble-shooting. At this time, it appears that adjustments to the governor control system are required; these adjustments are in progress. More details regarding the cause and corrective actions will be provided in the 14-day report.


R. E. Denton

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