

LER NO. 80-11/01T
DOCKET NO. 50-318
EVENT DATE 02/27/80
REPORT DATE 03/12/80
ATTACHMENT

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES:

While performing routine surveillance testing on #21 Diesel Generator at 1410 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 1428; 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 0700 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 1428, #21 Diesel Generator was left running and aligned to 4 KV Unit Bus 24 to assure an emergency power source to #22 LPSI pump.

At 1830, #21 LPSI pump was returned to service. Subsequently, #21 Diesel was removed from service to allow trouble-shooting. #21 Diesel Generator was tested satisfactorily and returned to service at 2100. However, at 0525 on 2/28/80, #21 Diesel Generator again failed to achieve rated speed in less than 10 seconds when tested prior to placing #21 Salt Water System out of service for maintenance. The diesel was restarted and aligned to 4 KV Bus 24 at 0535 in order to satisfy the emergency power requirements (T.S. 1.6) for #22 Salt Water System while #21 Salt Water system was out of service. At 0620 following completion of maintenance on #21 Salt Water System #21 Diesel Generator was again placed out of service for trouble-shooting. #21 Diesel Generator was retested and returned to service at 2100. During the entire time both normal offsite AC power sources and the redundant emergency diesel generator remained operable.