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Exercise 2

During a 12-month surveillance test, the 24 hour endurance run, the dedicated emergency diesel generator catastrophically failed 1.8 hours into the test. It was subsequently determined that the diesel generator failed because of improperly performed maintenance during the last overhaul of the diesel which had been performed during the last refueling outage. The diesel generator successfully completed a 24 hour endurance run 12 months prior. The licensee had performed the required 1 hour monthly surveillance runs of the diesel generator since the last 24 hour endurance run. However, the monthly surveillance tests did not demonstrate that the diesel generator would successfully perform its safety function for its mission time of 24 hours.

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