

ATTACHMENT A
EXISTING TECHNICAL SPECIFICATIONS
UNIT 2

9105290361 910522
PDR ADOCK 05000361
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ELECTRICAL POWER SYSTEM

SURVEILLANCE REQUIREMENTS (Continued)

- a) Manual
 - b) Simulated loss of offsite power by itself
 - c) Simulated loss of offsite power in conjunction with an ESF actuation test signal
5. Verifying the generator is synchronized, loaded to greater than or equal to 4700 kw in less than or equal to 77 seconds*, and operates with a load greater than or equal to 4700 kw for at least an additional 60 minutes, and
 6. Verifying the diesel generator is aligned to provide standby power to the associated emergency busses.
- b. At least once per 31 days and after each operation of the diesel where the period of operation was greater than or equal to 1 hour by checking for and removing accumulated water from the day tank.
 - c.1. At least once per 92 days and from new fuel oil prior to addition to the storage tanks by verifying that a sample obtained in accordance with ASTM-D4057-81 has a water and sediment content of less than or equal to .05 volume percent and a kinematic viscosity @ 40°C of greater than or equal to 1.9 but less than or equal to 4.1 when tested in accordance with ASTM-D975-81.
 2. At least once every 92 days by obtaining a sample of fuel oil in accordance with ASTM-D4057-81 and verifying that particulate contamination is less than 10mg/liter when checked in accordance with ASTM-D2276-83, Method A.
 - d. At least once per refueling interval** (The provisions of Technical Specification 4.0.2 are not applicable) by:
 1. Subjecting the diesel to an inspection in accordance with procedures prepared in conjunction with its manufacturer's recommendations for this class of standby service.
 2. Verifying the generator capability to reject a load of greater than or equal to 655.7 kw while maintaining voltage at 4360 ± 436 volts and frequency at 60 ± 6.0 Hz.
 3. Verifying the generator capability to reject a load of 4700 kw without tripping. The generator voltage shall not exceed 5450 volts during and following the load rejection.

*All engine starts for the purpose of this surveillance testing may be preceded by an engine prelube period and/or other warmup procedures recommended by the manufacturer so that mechanical stress and wear on the diesel engine is minimized.

**For cycle 4 only, this surveillance interval may exceed the 24 month refueling interval but may not exceed 25 months.

ATTACHMENT B

**PROPOSED TECHNICAL SPECIFICATIONS
UNIT 2**

SURVEILLANCE REQUIREMENTS (Continued)

- a) Manual
 - b) Simulated loss of offsite power by itself
 - c) Simulated loss of offsite power in conjunction with an ESF actuation test signal
5. Verifying the generator is synchronized, loaded to greater than or equal to 4700 kw in less than or equal to 77 seconds*, and operates with a load greater than or equal to 4700 kw for at least an additional 60 minutes, and
6. Verifying the diesel generator is aligned to provide standby power to the associated emergency busses.
- b. At least once per 31 days and after each operation of the diesel where the period of operation was greater than or equal to 1 hour by checking for and removing accumulated water from the day tank.
- c.1. At least once per 92 days and from new fuel oil prior to addition to the storage tanks by verifying that a sample obtained in accordance with ASTM-D4057-81 has a water and sediment content of less than or equal to .05 volume percent and a kinematic viscosity @ 40°C of greater than or equal to 1.9 but not less than or equal to 4.1 when tested in accordance with ASTM-D975-81.
2. At least once every 92 days by obtaining a sample of fuel oil in accordance with ASTM-D4057-81 and verifying that particulate contamination is less than 10mg/liter when checked in accordance with ASTM-D2276-83, Method A.
- d. At least once per refueling interval** (The provisions of Technical Specification 4.0.2 are not applicable) by:
1. Subjecting the diesel to an inspection in accordance with procedures prepared in conjunction with its manufacturer's recommendations for this class of standby service.**
 2. Verifying the generator capability to reject a load of greater than or equal to 655.7 kw while maintaining voltage at 4360 ± 436 volts and frequency at 60 ± 6.0 Hz.
 3. Verifying the generator capability to reject a load of 4700 kw without tripping. The generator voltage shall not exceed 5450 volts during and following the load rejection.

* All engine starts for the purpose of this surveillance testing may be preceded by an engine prelube period and/or other warmup procedures recommended by the manufacturer so that mechanical stress and wear on the diesel engine is minimized.

** For cycle 4 5 only, this Specification 4.8.1.1.2.d.1 surveillance interval may exceed the 24 month refueling interval but may not exceed 25 months.