

ATTACHMENT 2 TO AEP:NRC:0896V

EXISTING TECHNICAL SPECIFICATION
PAGES MARKED TO REFLECT PROPOSED CHANGES

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ELECTRICAL POWER SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

- c) Verifying that all automatic diesel generator trips, except engine overspeed and generator differential, are automatically bypassed upon loss of voltage on the emergency bus and/or Safety Injection actuation signal.
 - 7. Verifying that the diesel generator operates for at least ⁸(24) hours. During this test the diesel generator shall be loaded to 3500 kw. Within 5 minutes after completing this ⁸(24) hour test, perform Surveillance Requirement 4.8.1.1.2.a.4 (at existing) conditions).*
 - 8. Determine that the auto-connected loads to each diesel generator do not exceed 3500 kw.
 - 9. Verifying the diesel generator's capability to:
 - a) Synchronize with the offsite power source while the generator is loaded with its emergency loads upon a simulated restoration of offsite power.
 - b) Transfer its loads to the offsite power source, and
 - c) Be restored to its standby status.
 - 10. Verifying that with the diesel generator operating in a test mode while connected to its test load, a simulated Safety Injection signal overrides the test mode by:
 - a) Returning the diesel generator to standby operation, and
 - b) Verifying the emergency loads are serviced by offsite power.
 - 11. Verifying that the automatic sequence timing relays are OPERABLE with each load sequence time within plus or minus 5% of its required value and that each load is sequenced on within the design allowable time limit.
- f. At least once per 10 years by:
- 1) Employing one of the following cleaning methods to clean the fuel oil storage tanks:
 - a) Drain each fuel oil storage tank, remove the accumulated sediment, and clean the tank, or

* If Surveillance Requirement 4.8.1.1.2.a.4 ⁸⁻is not satisfactorily completed, it is not necessary to repeat the preceding ⁸⁻(24) hour test. Instead, the diesel generator may be operated at 3500 kw for 2 hours or until operating temperature has stabilized.

ELECTRICAL POWER SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

- c) Verifying that all automatic diesel generator trips, except engine overspeed and generator differential, are automatically bypassed upon loss of voltage on the emergency bus and/or Safety Injection actuation signal.
 - 7. Verifying that the diesel generator operates for at least ⁸24 hours. During this test the diesel generator shall be loaded to 3500 kw. Within 5 minutes after completing this ⁸24-hour test, perform Surveillance Requirement 4.8.1.1.2.a.4 (at existing conditions).*
 - 8. Determine that the auto-connected loads to each diesel generator do not exceed 3500 kw.
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 - a) Synchronize with the offsite power source while the generator is loaded with its emergency loads upon a simulated restoration of offsite power.
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- 1) Employing one of the following cleaning methods to clean the fuel oil storage tanks:
 - a) Drain each fuel oil storage tank, remove the accumulated sediment, and clean the tank, or

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ATTACHMENT 3 TO AEP:NRG:0896V

PROPOSED REVISED
TECHNICAL SPECIFICATION PAGES



3/4 LIMITING CONDITIONS FOR OPERATION AND SURVEILLANCE REQUIREMENTS
3/4.8 ELECTRICAL POWER SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

- c) Verifying that all automatic diesel generator trips, except engine overspeed and generator differential, are automatically bypassed upon loss of voltage on the emergency bus and/or Safety Injection actuation signal.
- 7. Verifying that the diesel generator operates for at least 8 hours. During this test the diesel generator shall be loaded to 3500 kw. Within 5 minutes after completing this 8-hour test, perform Surveillance Requirement 4.8.1.1.2.a.4 (at existing conditions).*
- 8. Determine that the auto-connected loads to each diesel generator do not exceed 3500 kw.
- 9. Verifying the diesel generator's capability to:
 - a) Synchronize with the offsite power source while the generator is loaded with its emergency loads upon a simulated restoration of offsite power.
 - b) Transfer its loads to the offsite power source, and
 - c) Be restored to its standby status.
- 10. Verifying that with the diesel generator operating in a test mode while connected to its test load, a simulated Safety Injection signal overrides the test mode by:
 - a) Returning the diesel generator to standby operation, and
 - b) Verifying the emergency loads are serviced by offsite power.
- 11. Verifying that the automatic sequence timing relays are OPERABLE with each load sequence time within plus or minus 5% of its required value and that each load is sequenced on within the design allowable time limit:
 - f. At least once per 10 years by:
 - 1. Employing one of the following cleaning methods to clean the fuel oil storage tanks:
 - a) Drain each fuel oil storage tank, remove the accumulated sediment, and clean the tank, or

* If Surveillance Requirement 4.8.1.1.2.a.4 is not satisfactorily completed, it is not necessary to repeat the preceding 8-hour test. Instead, the diesel generator may be operated at 3500 kw for 2 hours or until operating temperature has stabilized.



SURVEILLANCE REQUIREMENTS (Continued)

- c) Verifying that all automatic diesel generator trips, except engine overspeed and generator differential, are automatically bypassed upon loss of voltage on the emergency bus and/or Safety Injection actuation signal.
- 7. Verifying that the diesel generator operates for at least 8 hours. During this test the diesel generator shall be loaded to 3500 kw. Within 5 minutes after completing this 8-hour test, perform Surveillance Requirement 4.8.1.1.2.e.4 (at existing conditions).*
- 8. Determine that the auto-connected loads to each diesel generator do not exceed 3500 kw.
- 9. Verifying the diesel generator's capability to:
 - a) Synchronize with the offsite power source while the generator is loaded with its emergency loads upon a simulated restoration of offsite power.
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