

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 (24) hour test, perform Surveillance Requirement 4.8.1.1.2.a.4 (at existing conditions).*

8. Determine that the auto-connected loads⁸ 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.4⁸⁻ is not satisfactorily completed, it is not necessary to repeat the preceding (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.
- 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 ⁸24-hour test. Instead, the diesel generator may be operated at 3500 kw for 2 hours or until operating temperature has stabilized.

ATTACHMENT 3 TO AEP:NRC: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.



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.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.
 - 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.

