

4.9.A.1.2.f (Continued)

4. Verifying that all automatic diesel generator trips except engine overspeed, generator differential over-current, generator ground overcurrent and manual cardox initiation are automatically bypassed upon an ECCS actuation signal.
5. Verifying the diesel generator operates^a for at least 24 hours. During the first 2 hours of this test, the diesel generator shall be loaded to an indicated 2300-3000 kW^b and during the remaining 22 hours of this test, the diesel generator shall be loaded to an indicated 2400-2600 kW^b.
6. Verifying diesel generator capability at full load temperature within 5 minutes after completing the 24 hour test^c by starting and loading the diesel as described in Surveillance Requirement 4.9.A.1.2.b and operating for greater than 5 minutes^d.

^aThis test shall be conducted in accordance with the manufacturer's recommendations regarding engine prelude and warm-up and, as applicable, loading and shutdown.

^bThis band is meant as guidance to avoid routine overloading of the engine. Loads in excess of this band for special testing, under direct monitoring by the manufacturer or system engineer, or momentary variations due to changing bus loads shall not invalidate the test.

^cIf Surveillance Requirement 4.9.A.1.2.f.6 is not satisfactorily completed, it is not necessary to repeat the preceding 24-hour test. Instead, the diesel generator may be operated at 2400-2600 kW for 1 hour or until operating temperature has stabilized prior to performing Surveillance Requirement 4.9.A.1.2.f.6.

^dPerformance of Surveillance Requirement 4.9.A.1.2.f.6 will not be used to satisfy the requirements of Surveillance Requirement 4.9.A.1.2.b.

4.9.A.1.2.f (Continued)

4. Verifying that all automatic diesel generator trips except engine overspeed, generator differential over-current, generator ground overcurrent and manual cardox initiation are automatically bypassed upon an ECCS actuation signal.
5. Verifying the diesel generator operates^a for at least 24 hours. During the first 2 hours of this test, the diesel generator shall be loaded to an indicated 2800-3000 kW^b and during the remaining 22 hours of this test, the diesel generator shall be loaded to an indicated 2400-2600 kW^b.
6. Verifying diesel generator capability at full load temperature within 5 minutes after completing the 24 hour test^c by starting and loading the diesel as described in Surveillance Requirement 4.9.A.1.2.b and operating for greater than 5 minutes^d.

^aThis test shall be conducted in accordance with the manufacturer's recommendations regarding engine prelude and warm-up and, as applicable, loading and shutdown.

^bThis band is meant as guidance to avoid routine overloading of the engine. Loads in excess of this band for special testing, under direct monitoring by the manufacturer or system engineer, or momentary variations due to changing bus loads shall not invalidate the test.

^cIf Surveillance Requirement 4.9.A.1.2.f.6 is not satisfactorily completed, it is not necessary to repeat the preceding 24-hour test. Instead, the diesel generator may be operated at 2400-2600 kW for 1 hour or until operating temperature has stabilized prior to performing Surveillance Requirement 4.9.A.1.2.f.6.

^dPerformance of Surveillance Requirement 4.9.A.1.2.f.6 will not be used to satisfy the requirements of Surveillance Requirement 4.9.A.1.2.b.

LIMITING CONDITIONS FOR OPERATION

PBAPS

SURVEILLANCE REQUIREMENTS

3.9.B (Continued)

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| 6. | With fuel oil in one of the diesel generator main storage tanks not available or not in conformance with Surveillance Requirement 4.9.A.1.2.e, implement the following: | 6. None | |
| a. | Isolate the main storage tank from the system, with the associated diesel generator being supplied from one of the remaining storage tanks within 8 hours, and | | |
| b. | Establish and maintain a minimum of 108,000 gallons of diesel fuel oil in the other three main storage tanks within 72 hours, and | | |
| c. | Sample the fuel oil in the other three main storage tanks and confirm conformance with specification 4.9.A.1.2.e within 24 hours, and | | |
| d. | Replace the unacceptable fuel oil with acceptable fuel and return the storage tank to service within 7 days, or place the reactor in Cold Shutdown within 24 hours. | | |

Accelerated testing of the diesel generators is not required.

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| 7. | With one of the 4kV emergency busses or 480V emergency load centers required by 3.9.A.3 not energized, declare the associated equipment inoperable and take the appropriate action for that system. | 7. None | |
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Reenergize the bus within 24 hours or be in COLD SHUTDOWN within the following 24 hours.

LIMITING CONDITIONS FOR OPERATION

PBAPS

SURVEILLANCE REQUIREMENTS

3.9.B (Continued)

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| 6. | With fuel oil in one of the diesel generator main storage tanks not available or not in conformance with Surveillance Requirement 4.9.A.1.2.e, implement the following: | 6. None |
| a. | Isolate the main storage tank from the system, with the associated diesel generator being supplied from one of the remaining storage tanks within 6 hours, and | |
| b. | Establish and maintain a minimum of 108,000 gallons of diesel fuel oil in the other three main storage tanks within 72 hours, and | |
| c. | Sample the fuel oil in the other three main storage tanks and confirm conformance with specification 4.9.A.1.2.e within 24 hours, and | |
| d. | Replace the unacceptable fuel oil with acceptable fuel and return the storage tank to service within 7 days, or place the reactor in Cold Shutdown within 24 hours. | |

Accelerated testing of the diesel generators is not required.

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| 7. | With one of the 4kV emergency busses or 480V emergency load centers required by 3.9.A.3 not energized, declare the associated equipment inoperable and take the appropriate action for that system. | 7. None |
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Reenergize the bus within 24 hours or be in COLD SHUTDOWN within the following 24 hours.