

ATTACHMENT 2 TO AEP:NRG:0896L

PROPOSED REVISED TECHNICAL SPECIFICATION PAGES

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SURVEILLANCE REQUIREMENTS (Continued)

- b) Verifying the diesel starts from ambient condition on the auto-start signal, energizes the emergency busses with permanently connected loads, energizes the auto-connected shutdown loads through the load sequencer and operates for ≥ 5 minutes while its generator is loaded with the shutdown loads.
6. Verifying that on an ESF actuation test signal (without loss of offsite power) the diesel generator starts on the auto-start signal and operates on standby for ≥ 5 minutes.
7. Verifying that on a simulated loss of the diesel generator (with offsite power not available), the loads are shed from the emergency busses and that subsequent loading of the diesel generator is in accordance with design requirements.
8. Simulating a loss of offsite power in conjunction with an ESF actuation test signal, and
- a) Verifying de-energization of the emergency busses and load shedding from the emergency busses.
- b) Verifying the diesel starts from ambient condition on the auto-start signal, energizes the emergency busses with permanently connected loads, energizes the auto-connected emergency (accident) loads through the load sequencer and operates for ≥ 5 minutes while its generator is loaded with the emergency loads.
- c) Verifying that on diesel generator trip, the loads are shed from the emergency buses and the diesel re-starts on the auto-start signal following manual resetting of the diesel trip lockout relay, the emergency buses are energized with permanently connected loads, the auto-connected emergency loads are energized through the load sequencer and the diesel operates for ≥ 5 minutes while its generator is loaded with emergency loads.
- d) Verifying that all 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.
9. Verifying that the diesel generator operates for at least 24 hours. During this test the diesel generator shall be loaded equal to or greater than 3500 kw. Within 5 minutes after completing this 24-hour test, perform Surveillance Requirement 4.8.1.1.2.c.5.