

ANO-1 TECHNICAL SPECIFICATION
PROPOSED CHANGE PAGE

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4.6 AUXILIARY ELECTRICAL SYSTEM TESTS

Applicability

Applies to the periodic testing and surveillance requirements of the auxiliary electrical system to ensure it will respond promptly and properly when required.

Specification

4.6.1 Diesel Generators

1. Each diesel generator shall be manually started each month and demonstrated to be ready for loading within 15 seconds. The signal initiating the start of the diesel shall be varied from one test to another (start with handswitch at control room panel and at diesel local control panel) to verify all starting circuits are operable. The generator shall be synchronized from the control room and loaded to full rated load and allowed to run until diesel generator operating temperatures have stabilized.
2. A test shall be conducted once every 18 months to demonstrate the ability of the diesel generators to perform as designed by:
 - a. simulating a loss of off-site power,
 - b. simulating of loss of off-site power in conjunction with an ESF signal,
 - c. simulating interruption of off-site power and subsequent reconnection of the on-site power source to their respective busses, and
 - d. operating the diesel generator for ≥ 1 hour after operating temperatures have stabilized.
3. Each diesel generator shall be given an inspection once every 18 months following the manufacturer's recommendations for this class of standby service. (A one-time extension of this interval is allowed so that these may be performed during the 1R9 refueling outage, and completed no later than December 1, 1990.)
4. During the monthly diesel generator test specified in paragraph 1 above, the following shall be performed:
 - a. The diesel generator starting air compressors shall be checked for operation and their ability to recharge the air receivers.
 - b. The diesel oil transfer pumps shall be checked for operability and their ability to transfer oil to the day tank.
 - c. The day tank fuel level shall be verified.
 - d. The emergency storage tank fuel level shall be verified.