

ENCLOSURE 3

BRUNSWICK STEAM ELECTRIC PLANT, UNIT 2  
NRC DOCKET 50-324  
OPERATING LICENSE DPR-62  
REQUEST FOR LICENSE AMENDMENT  
ONE-TIME EXTENSION OF DIESEL GENERATOR SURVEILLANCE INTERVAL

TECHNICAL SPECIFICATION PAGES - UNIT 2

## ELECTRICAL POWER SYSTEMS

### SURVEILLANCE REQUIREMENTS (Continued)

#### 4.8.1.1.2 Each diesel generator shall be demonstrated OPERABLE:

- a. At least once per 31 days on a STAGGERED TEST BASIS by:
  1. Verifying the fuel level in the engine-mounted fuel tank,
  2. Verifying the fuel level in the day fuel tank,
  3. Verifying the fuel transfer pump can be started and transfers fuel from the day tank to the engine mounted tank,
  4. Verifying the diesel starts and accelerates to at least 514 rpm in less than or equal to 10 seconds,\*
  5. Verifying the generator is synchronized, loaded to greater than or equal to 1750 kw, and operates for greater than or equal to 15 minutes, and
  6. Verifying the diesel generator is aligned to provide standby power to the associated emergency buses.
- b. At least once per 31 days by verifying the fuel level in the plant fuel storage tank.
- c. At least once per 92 days by verifying that a sample of diesel fuel from the fuel storage tank, obtained in accordance with ASTM-D270-65, is within the acceptable limits specified in Table 1 of ASTM-D975-74 when checked for viscosity, water and sediment,
- d. At least once per 18 months during shutdown by:\*\*
  1. Subjecting the diesel to an inspection in accordance with procedures prepared in conjunction with its manufacturer's recommendations for this class of standby service,
  2. Verifying the generator capability to reject a load equal to one core spray pump without tripping,

\*\* For Cycle 9 only, the surveillance interval for Technical Specifications 4.8.1.1.2.d.1 through 4.8.1.1.2.d.7 may be extended until October 31, 1991.

\* The diesel generator start (10 seconds) from ambient conditions shall be performed at least once per 184 days in these surveillance tests. All other engine starts for the purpose of this surveillance testing may be preceded by a manually initiated engine prelube period and/or other warmup procedures recommended by the manufacturer so that mechanical stress and wear on the diesel engine is minimized.