

3.10 LIMITING CONDITIONS FOR OPERATION

4. 480 V Uninterruptible Power Systems

From and after the date that one Uninterruptible Power System or its associated Motor Control Center are made or found to be inoperable for any reason, the requirements of Specification 3.5.A.4 shall be satisfied.

5. RPS Power Protection

From and after the date that one of the two redundant RPS power protection panels on an in-service RPS MG set or alternate power supply is made or found to be inoperable, the associated RPS MG set or alternate supply will be taken out of service until the panel is restored to operable status.

C. Diesel Fuel

There shall be a minimum of 25,000 gallons of diesel fuel in the diesel fuel oil storage tank.

4.10 SURVEILLANCE REQUIREMENTS

4. 480 V Uninterruptible Power Systems

When it is determined that one Uninterruptible Power System or its associated Motor Control Center is inoperable, the requirements of Specification 4.5.A.4 shall be satisfied.

C. Diesel Fuel

1. The quantity of diesel generator fuel shall be logged weekly and after each operation of the unit.
2. Once a month a sample of diesel fuel shall be taken and checked for quality and the results logged. The quality shall be within the applicable limits specified on Table 1 of ASTM D975-93, except cloud point shall be less than the 10th percentile minimum temperatures for Vermont Yankee as specified in Table 4.10.2.

VYNPS

TABLE 4.10.1

REACTOR PROTECTION SYSTEM POWER PROTECTION

Parameter	Setpoints for Panels A1, A2, B1, B2, C1, C2
Overvoltage	≤ 125.5 volts
Overvoltage Time Delay	≤ 0.35 seconds
Undervoltage	≥ 111 volts
Undervoltage Time Delay	≤ 0.35 seconds
Underfrequency	≥ 56.5 Hz
Underfrequency Time Delay	≤ 0.35 seconds

TABLE 4.10.2

DIESEL GENERATOR CLOUD POINT TEMPERATURES

Month	10th Percentile Minimum Temperature - °F
September	39
October	28
November	22
December	2
January	-3
February	-1
March	11

BASES: 4.10 (Cont'd)

- C. Logging the diesel fuel supply weekly and after each operation assures that the minimum fuel supply requirements will be maintained. During the monthly test for quality of the diesel fuel oil, the tests specified in Table 1 of ASTM D975-93 will be performed. The quality of the diesel fuel oil will be acceptable if the results of the tests are within the limiting requirements for diesel fuel oil shown on Table 1 of ASTM D975-93. Cloud point shall be less than the 10th percentile minimum temperatures for Vermont Yankee which have been determined from over 15 years of site-specific meteorological data using the method specified in Appendix X3 of ASTM D975-93.

3.13 LIMITING CONDITIONS FOR OPERATION

4.13 SURVEILLANCE REQUIREMENTS

- b. At least once per quarter by verifying that a sample of diesel fuel from the fuel storage tank is within the acceptable limits specified in Table 1 of ASTM D975-93. Cloud point shall be less than the 10th percentile minimum temperatures for Vermont Yankee as specified in Table 4.10.2.
 - c. At least once per 18 months by verifying the diesel starts from ambient conditions on the auto-start signal and operates for ≥ 20 minutes while loaded with the fire pump.
3. The fire pump diesel starting 24-volt battery bank and charger shall be demonstrated OPERABLE:
- a. At least once per week by verifying that:
 - 1) The electrolyte level of each battery is above the plates, and
 - 2) The overall battery voltage is ≥ 24 volts.
 - b. At least once per quarter by verifying that the specific gravity is appropriate for continued service of the battery.
 - c. At least once per 18 months by verifying that: