

ELECTRICAL POWER SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

d. At least once per 18 months, during shutdown, by verifying that

~~2.~~ The battery capacity is adequate to supply and maintain in OPERABLE status all of the actual emergency loads for ~~the~~ 240 MINUTES design cycle when the battery is subjected to a battery service test, or OR SIMULATED

2. The battery capacity is adequate to supply a dummy load, which is verified to be greater than the actual emergency load, of the following profile while maintaining the battery terminal voltage greater than or equal to 105 volts.

a) Division 1, greater than or equal to:

- 1) 456.2 amperes for the first 60 seconds,
- 2) 224.0 amperes for the next 14 minutes,
- 3) 208.0 amperes for the next 15 minutes,
- 4) 132.0 amperes for the next 30 minutes, and
- 5) 64.0 amperes for the last 180 minutes.

b) Division 2, greater than or equal to:

- 1) 488.5 amperes for the first 60 seconds,
- 2) 237.6 amperes for the next 14 minutes,
- 3) 177.6 amperes for the next 15 minutes,
- 4) 141.6 amperes for the next 30 minutes, and
- 5) 54.4 amperes for the last 180 minutes.

c) Division 3, greater than or equal to:

- 1) 58.4 amperes for the first 60 seconds,
- 2) 11.1 amperes for the next 239 minutes.

d) Unit 1 Division 2, greater than or equal to:

- 1) 488.5 amperes for the first 60 seconds,
- 2) 237.6 amperes for the next 14 minutes,
- 3) 177.6 amperes for the next 15 minutes,
- 4) 141.6 amperes for the next 30 minutes, and
- 5) 54.4 amperes for the last 180 minutes.

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