

ELECTRICAL POWER SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

- 5) Channel "A" battery 2D610:
323 amperes for 60 seconds
96 amperes for the remainder of the 4 hour test
- 6) Channel "B" battery 2D620:
324 amperes for 60 seconds
96 amperes for the remainder of the 4 hour test
- 7) Channel "C" battery 2D630:
297 amperes for 60 seconds
80 amperes for the remainder of the 4 hour test
- 8) Channel "D" battery 2D640:
300 amperes for 60 seconds
83 amperes for the remainder of the 4 hour test
- 9) Channel "H" battery 0D595:
253 amperes for the first 60 seconds
75 amperes for the remainder of the 4 hour test

c) For 250-volt batteries:

- 1) Battery bank 1D650:
~~800~~ - ~~1120~~ amperes for 60.0 seconds
~~610~~ - ~~599~~ amperes for ~~9.0~~ minutes
~~535~~ - ~~99~~ amperes for ~~20.0~~ minutes
27 27 amperes for ~~90.0~~ minutes
210.0
- 2) Battery bank 1D660:
~~1040~~ - ~~887~~ amperes for 60.0 seconds
~~575~~ - ~~396~~ amperes for 9.0 minutes
~~350~~ - ~~366~~ amperes for 20.0 minutes 210.0
~~175~~ - ~~325~~ amperes for ~~90.0~~ minutes
~~187~~ amperes for ~~119.0~~ minutes
~~229~~ amperes for ~~60.0~~ seconds

- e. At least once per 60 months by verifying that the battery capacity is at least 80% of the manufacturer's rating when subjected to a performance discharge test. Once per 60 month interval, this performance discharge test may be performed in lieu of the battery service test.
- f. Annual performance discharge tests of battery capacity shall be given to any battery that shows signs of degradation or has reached 85% of the service life expected for the application. Degradation is indicated when the battery capacity drops more than 10% of rated capacity from its average on previous performance tests, or is below 90% of the manufacturer's rating.

ELECTRICAL POWER SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

- 7) Channel "C" battery 2D630:
297 amperes for 60 seconds
80 amperes for the remainder of the 4 hour test
- 8) Channel "D" battery 2D640:
300 amperes for 60 seconds
83 amperes for the remainder of the 4 hour test
- 9) Channel "H" battery 0D595:
253 amperes for the first 60 seconds,
75 amperes for the remainder of the 4 hour test.

c) For 250-volt batteries:

1) Battery bank 2D650:

~~458 amperes for 60 seconds~~
~~251 amperes for 239 minutes~~

270 AMPERES FOR 60 SECONDS
245 AMPERES FOR 9 MINUTES
155 AMPERES FOR 230 MINUTES

2) Battery bank 2D660:

~~1119 amperes for 60 seconds~~
~~244 amperes for 239 minutes~~

700 AMPERES FOR 60 SECONDS
410 AMPERES FOR 9 MINUTES
150 AMPERES FOR 230 MINUTES

- e. At least once per 60 months by verifying that the battery capacity is at least 80% of the manufacturer's rating when subjected to a performance discharge test. Once per 60-month interval, this performance discharge test may be performed in lieu of the battery service test.
- f. Annual performance discharge tests of battery capacity shall be given to any battery that shows signs of degradation or has reached 85% of the service life expected for the application. Degradation is indicated when the battery capacity drops more than 10% of rated capacity from its average on previous performance tests, or is below 90% of the manufacturer's rating.



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