

Categorical Waiver Available:

3. Emergency Generators and Standby Power Systems

Section 9.1.3 of the 2000 LSC requires emergency generators and standby power systems to be installed, tested, and maintained in accordance with 1999 NFPA 110, *Standard for Emergency and Standby Power Systems*. Section 6-4.2.2 of the 1999 NFPA 110 requires diesel-powered generators that do not meet the monthly testing requirements under section 6-4.2 to be run annually with various loads for a total of two (2) continuous hours. Shorter generator run times will reduce undue cost burden and negative environmental impacts. In the 2010 NFPA 110, the NFPA began to allow for total test duration of one hour and 30 minutes (1-1/2 continuous hours). Accordingly, we are permitting a waiver to allow for a reduction in the annual diesel-powered generator exercising requirement from two (2) continuous hours to one hour and 30 minutes (1-1/2 continuous hours), but only if the provider/supplier is in compliance with all other applicable 1999 NFPA 110 operational inspection and testing provisions, as well as with section 8.4.2.3 of the 2010 NFPA 110.

2010 NFPA 110, Section 8.4.2.3 Diesel-powered EPS installations that do not meet the requirements of section 8.4.2 shall be exercised monthly with the available EPSS load and shall be exercised annually with supplemental loads at not less than 50 percent of the EPS nameplate kW rating for 30 continuous minutes and at not less than 75 percent of the EPS nameplate kW rating for 1 continuous hour for a total test duration of not less than 1.5 continuous hours.