

FILE NO. 3-220-11

DATE: February 11, 1998

**CODE APPLICATION NOTICE****CODE SECTION:** Section 220-11 (TABLE 220-11), California Electrical Code

220-11. General Lighting. The demand factors ~~listed~~ specified in Table 220-11 shall apply to that portion of the total branch-circuit load computed for general illumination. They shall not be applied in determining the number of branch circuits for general illumination.

(Excerpt From Table 220-11)

(For) Hospitals\*      First 50,000 (volt-amperes) at 40 (%)  
    Remainder over 50,000 (volt-amperes) at 20 (%)

\* The demand factors of this table shall not apply to the computed load of feeders ~~to~~ or services supplying areas in hospitals, hotels, and motels where the entire lighting is likely to be used at one time, as in operating rooms, ballrooms, or dining rooms.

**INTERPRETATION:**

The factors of CEC Table 220-11 shall not be allowed to be applied in the following areas of hospitals:

- 1) Surgery Suite (entire), including recovery
- 2) Emergency Department (entire)
- 3) Kitchen-Food Service-Dining Area
- 4) Critical Care Areas as defined in CEC 517
- 5) Elevator Lobbies and all Corridors
- 6) Loads connected to the Life Safety Branch of the Emergency System
- 7) Inpatient Nursing Stations
- 8) Loads connected to the Critical Branch of the Emergency System

Administrative Areas of the hospital shall be included under the "All Others" type of occupancy of CEC Table 220-11 for lighting only.

The factors of CEC Table 220-11 shall be allowed to be applied in all areas of hospitals not mentioned above, including General Care Patient Rooms and General Care Patient Isolation Rooms.

**REASON:**

The interpretation described above is based on a recent Hospital Building Safety Board Appeal decision.

ORIGINAL SIGNED

Kurt A. Schaefer

8/25/04

Date

REVISION: August 18, 2004