CHAPTER 34
EXISTING STRUCTURES

SECTION 3402
2009 Edition
IBC Interpretation 23-10
Issued 12-8-2010
BU_09_23_10

DANGEROUS. Any building or structure or portion thereof that meets any of the conditions described below shall be deemed dangerous:

1. The building or structure has collapsed, partially collapsed, moved off its foundation or lacks the support of ground necessary to support it.
2. There exists a significant risk of collapse, detachment or dislodgment of any portion, member, appurtenance or ornamentation of the building or structure under service loads.

REFERENCED SECTION:

SECTION 1602
DEFINITIONS AND NOTATIONS

FACTORED LOAD. The product of a nominal load and a load factor.

NOMINAL LOADS. The magnitudes of the loads specified in this chapter (dead, live, soil, wind, snow, rain, flood and earthquake).

Q: Is the term "service loads" as used in the definition of DANGEROUS synonymous with the definition of NOMINAL LOADS as defined in Section 1602?

A: Yes. The intent is to address loads that a building is likely to experience and precludes consideration of a FACTORED LOAD which applies to limit state or strength design.