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Continuing Education Course #373
The Citicorp Tower
Professional Ethics and Disaster Averted

1. Lead engineer LeMessier violated building codes in the design of Citicorp Center?
 a. T
 b. F
2. According to the NSPE code of ethics, the onus was on the lead engineer LeMessurier to recognize that his design was novel and would require calculations beyond the building code to make it safe.
 a. T
 b. F
3. The lead engineer LeMessurier could have been found liable in court for an unsafe design even though the design passed the building code regulations at the time.
 a. T
 b. F
4. The request by the contractor, Bethlehem Steel, to switch from welded connections to bolted connections was appropriate.
 a. T
 b. F
5. At the time, LeMessurier's approval of the switch from welds to bolts was appropriate.
 a. T
 b. F
6. Which decisions or miscalculations contributed to the Citicorp Center being unsafe?
 a. The decision to switch from welds to bolts for the support connections
 b. Miscalculation of the effects of quartering winds
 c. Miscalculation of the forces on the bolted connections
 d. All of the above

The following question was revised on 3/30/20.

7. Which fundamental canon(s) of the NSPE code of ethics did the lead engineer LeMessier most uphold?
 a. Canon 1 - 'hold paramount the health, safety, and welfare of the public'
 b. Canon 3 - 'issue public statements only in an objective and truthful manner'
 c. Canons 1 and 3
 d. Canon 4 - 'act for each employer or client as faithful agents or trustees'

The following question was revised on 3/30/20.

8. Which party or parties agreed to the plan to fix the problem?

- a. Lead Engineer LeMessurier
- b. Citicorp
- c. New York City Buildings Commission
- d. All of the Above

9. The NSPE canons do not themselves determine how to handle a conflict between them.

- a. T
- b. F

10. In violating the third NSPE fundamental canon, LeMessier could also be seen as violating the first canon because information that could have helped future engineers avoid unsafe designs was withheld.

- a. T
- b. F

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