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Continuing Education Course #609
Ethics Case Study on
Francis Scott Key Bridge Collapse

1. Which group does NOT normally set professional behavior standards?
 - a. Government
 - b. Public Opinion Polls
 - c. Professional Organizations
 - d. Corporations
2. Which is NOT a fundamental canon?
 - a. Issue public statements only in an objective and truthful manner
 - b. Hold paramount the safety, health, and welfare of the public
 - c. Perform peer reviews
3. How many fundamental canons are in the NSPE Code of Ethics for Engineers?
 - a. 4
 - b. 5
 - c. 6
 - d. 7
4. Which standards do NCEES and NSPE encourage states to adopt?
 - a. Model law and model rules
 - b. General statutes for engineering
 - c. Engineering blue book
5. What part of the bridge did the ship hit?
 - a. Pier
 - b. Truss
 - c. Cables
 - d. Beams
6. How many people died from the Francis Scott Key Bridge Collapse?
 - a. 0
 - b. 4
 - c. 6
 - d. 10
7. What caused the ship to lose power?
 - a. Pilot error
 - b. Fuel shortage
 - c. Tripped breaker

8. What likely would have prevented the disaster?

- a. Bridge beam reinforcements
- b. Ship departed in daylight instead of at night
- c. Fender retrofits

9. Which is NOT an electrical upgrade that could have helped during the disaster?

- a. Navigation controls upgrade
- b. Third transformer with breakers
- c. ATS and redundant emergency generator
- d. Ai predictive maintenance

10. How did engineers fall short of Canon 1 by not holding paramount public health?

- a. Errors on design drawings
- b. Pier protection not part of channel dredging design
- c. Lack of field investigations
- d. Codes not followed

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