Volunteers for Fishbowl!
August 14, 2003
What Happened?

4:10:44 to 4:13:00 p.m.
Summary of August 14 Blackout

Impacts
- Over 50 million people
- 60-65,000 MW
- 30 hours to restore
- Manufacturing disrupted
- 400+ Generators tripped

Statistics
- Line trips began at 3:05 PM
- Cascading began at 4:06 PM
  - Lasted approximately 12 seconds
- Thousands of discrete events
CONFLICT OF INTEREST

CAN BE INNOCENT BUT NONE THE LESS A VIOLATION OF POLICY.

CONSIDER ALL FACTORS.

DOES IT MAKE YOU, FAMILY, OR FRIENDS BETTER OFF AT COST TO OTHERS?
IEEE Code of Ethics

- A purchasing agent hires his brother-in-law to provide vending services to the company lunch areas.
- An employee starts a company that provides similar services to similar clients as those of her full time employer.
- A manager provides paid consulting services on the weekend to a company customer or supplier.
IEEE Code of Ethics

- An employee who is a member of a company employee selection team fails to disclose that he is related to a job candidate whom the company team is considering for a position.

- An employee works part time in the evening for a company that makes a product that competes with the products of his full time employer.
IEEE Code of Ethics

- A member of the company board of directors accepts fees and provides advice to a company that is in direct competition with the company on whose board of directors he sits.

- An HR director decides to investigate a charge of sexual harassment using internal resources she controls, against a fellow corporate executive whom she has known and worked with professionally for years.
(Major Automotive Firm) Facing Lawsuits Over Exaggerated Fuel Economy …
An EPA investigation revealed (FIRM) had overstated the fuel economy of (MODEL) by 6 MPG in highway … They had to make some kind of a claim to make sales

After revealing they had exaggerated fuel-economy claims on approximately 900,000 vehicles in November, (FIRM) rolled out a gift-card program to compensate customers for their extra gas expenses.
IEEE Code of Ethics - Bribes

$$$$$$$

Goods

Services

Vacations

Promotions

Relationships
DOI conducted a top-to-bottom review of DOB’s Cranes and Derricks division resulting in the indictment of a DOB assistant chief inspector, a crane company owner, the crane company, and a crane company employee, in a bribery scheme in which the inspector took money in exchange for providing the crane company owner with advance copies of the written City crane licensing exam.
IEEE Code of Ethics

Understanding-

▪ Remove Cultural Barriers
▪ Remove Social Barriers
▪ Remove Complexity-
  ▪ Is it “x” or $d^2 \left( \frac{1}{6} x^3 \right)/dx$?
IEEE Code of Ethics

Social Implications – RFID TAG
IEEE Code of Ethics

Personal Safety and Security
IEEE Code of Ethics

Or invasion of privacy
IEEE Code of Ethics

Share non-proprietary technology

Technical meetings – IEEE and others

Publish Papers
Criticism:

- Seek peer review of complex projects and even the most routine.

- Accept unsolicited comments. Sometimes they are the most helpful.

- Offer “honest” criticism for safety, technical errors, improvement, etc.
IEEE Code of Ethics

- **Plagiarism** is the "wrongful appropriation" and "purloining and publication" of another author's "language, thoughts, ideas, or expressions," and the representation of them as one's own original work.\[1\][2] The idea remains problematic with unclear definitions and unclear rules.\[3\][4][5][6] The modern concept of plagiarism as immoral and originality as an ideal emerged in Europe only in the 18th century, particularly with the Romantic movement.
Plagiarism is considered academic dishonesty and a breach of journalistic ethics. It is subject to sanctions like expulsion.

Plagiarism is not a crime per se but in academia and industry it is a serious moral offence,[7][8] and cases of plagiarism can constitute copyright infringement.

From Wikipedia, the free encyclopedia
University strips German education minister of doctorate after probe into alleged plagiarism

Published February 05, 2013

Associated Press
BERLIN – Germany's education minister has been stripped of her doctorate following an investigation into allegations that she plagiarized parts of her thesis, which explored the formation of conscience.

German news agency dpa reports that a committee of academics at Duesseldorf's Heinrich Heine University took the decision late Tuesday after considering the case against Annette Schavan.

Schavan denies the allegations, first raised by an anonymous blogger last year, that she failed to properly cite passages of her 1980 thesis in philosophy.
IEEE Code of Ethics

- Race – Be aware of multi-racial environment.
- Religion – Show respect and learn. Food, clothing, customs
- Gender – Language, Attire,
- Disability - Make meetings accessible.,
- Age - Age Discrimination is rampant
- National origin – Global Society
IEEE Code of Ethics

• Diversity

• Most common and grievous Violation:

• Jokes and Satire
IEEE Code of Ethics

• Recent Issue

• Religious Zealots in the Work Place and at Conferences.
• Extreme disrespect of other cultures.