

Ethics Case Studies

Wednesday, February 03, 2010
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→ Do you intentionally not ask a question if you don't want the answer?

→ What if you have budget cuts?

→ what specifications do you change?

→ prioritize safety

⇒ 3 rules to resolve dilemmas

→ ends-based thinking → for the greater good (The Taw)

→ rules-based thinking → follow your highest sense of principle

→ care-based thinking → do unto others as they would do unto you.

Yangtze River Dam Project

→ hydroelectric dam

→ ruins the local ecosystem

→ displaced local farmers

→ benefits a lot of people with energy

→ destroying farmland hurts people

Professional Ethics

→ "Mother" test, also the "NY Times Test"

→ would your mother be pleased/proud

if she read about your action in
the NY Times?

Boyscout vs Girlscout Code,

Helpful vs Useful

Do men & women
have different
core values?

Helpful vs Useful

have
core values:

Kind vs Kind to Animals

Brave vs ?

Clean vs Clean in Thought, Word, and Deed

Reverent vs ?

⇒ Not true as of today, 02/03/2010.
girl scout code is updated.

What about wage disparity?

women make less \$ than men, but why?

→ home responsibilities

→ childrearing

→ refusing promotions

Corporate Ethics

→ proposed by Minnesota Center for Corporate Responsibility

→ Business activities must be characterized by

→ fairness

→ respect for human dignity

→ respect for the environment

Liability and Negligence as an Engineer

if $B < P \times L$ then,

you are bound to implement, else you are negligent

B = cost of solution/unit

P = probability of event happening

L = loss associated w/ individual event