

### APES Multiple Choice Hints – Ch. 12-14 Test

#### Ch. 12

Alaska pipeline  
Barrel of oil  
Bitumen  
Coal  
Cogeneration  
Efficiency of converting  
coal → energy  
Electricity demand cycle  
Firewood  
Fossil fuel (dirtiest, types,  
how formed)  
Kerogen  
Major energy source of U.S.  
Natural gas  
Oil sands  
Oil shale  
Petroleum oil  
Primary energy source  
Secondary energy source  
Turbine  
Turbogenerator  
U.S. domestic oil production

#### Ch. 13

Active safety  
Atomic number  
Breeder reactors  
Chain reaction  
Chernobyl  
Conservation of Energy  
Control rods  
Coolant/moderator  
Enrichment of ore  
Fission  
Fuel rods  
Fusion  
Half-life  
Isotopes  
Mass number  
Nuclear power plant fuel  
Nuclear reactor  
Passive safety  
Pu-239  
Subatomic particles  
Three Mile Island

U-235

U-238

#### Ch. 14

Bioconversion  
Biogas  
Ethanol  
Flat-plate collectors  
Hydroelectric power  
Hydrogen gas  
Gasohol  
Geothermal energy  
IR  
Methane  
Methanol  
Solar radiation  
Tidal power  
Wind power  
PV cells  
OTEC  
uv