

Uranium: War, Energy, and the Rock That Shaped the World

Study Questions for Extra Credit: Answer the questions and resubmit this document to jwalker@ccc.edu with your name added to the file name and email subject line: Chem121: Uranium Chapter Eight - Renaissance

1. (p. 249+) Describe Yemen's energy situation and its plans for using nuclear power.
2. (p. 252) What is khat?
3. (p. 253) The fission of uranium emits ____ greenhouse gases. (Fill in the blank.)
4. (p. 256) What is expected to happen for the energy needs of China and India in the next 30 years?
5. (p.257) How many nuclear power plants operate today? (Verify the number using the Internet.)
6. (p. 258) Briefly describe the accidents at Three Mile Island and at Chernobyl.
7. (p. 259) How much sulfur dioxide and carbon dioxide are released into the atmosphere by China's burning of coal?
8. (p. 261) Was the workforce prepared for the new interest in uranium?
9. Carry out a search on the Internet for recent news about uranium and nuclear power. Do you believe there is a renaissance of interest in using uranium as a fuel?