

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 Five – Two Rushes

1. This chapter tells the story of Charlie Steen a.k.a. "The Uranium King". Why was he given this title? Why is his life story called "tragic"?
2. Visit these links and look at the photographs of these places mentioned in this chapter:
 - a. <http://www.moabhappenings.com/Archives/pioneer0307.htm>
 - b. <http://en.wikipedia.org/wiki/J%C3%A1chymov>
3. What is Radon gas?
4. Describe this photograph of uraninite in your own words:
<http://www.galleries.com/minerals/oxides/uraninit/uraninit.jpg>
5. Describe carnotite: <http://www.dkimages.com/discover/previews/867/20006273.JPG>
6. What is a scintillation counter?
7. When did the Soviet Union detonate their first atomic bomb? What did they call it?
8. How does this "Uranium on the Cranium" episode of Popeye released in 1960 reflect different attitudes about Uranium than exist today? e days?
http://www.youtube.com/watch?v=rHNQ9La_CTI
9. Describe the dangers of radon dust (p.168) and of radium paint (p. 169).

