

Problem Set 4

- 1) The NRC's General Design Criteria were discussed in Lecture #4, Design Requirements – Safety. Answer the following questions relating to these Criteria:
- a. Identify all GDC that you consider specific to light water reactors.
 - b. Identify all GDC that you consider applicable to Generation IV reactors.
 - c. Define any new criteria that have been established by the Generation IV design goals (these were mentioned in Lecture 1).
 - d. Suggest at least two new criteria that you believe should be applied to Generation IV reactors.
- 2) In one line, describe your own Nuclear Energy System Strategy for the U.S.