

## **NUCL 40200 Engineering of Nuclear Power Systems**

### **Assignment 11**

Three Mile Island, Chernobyl and Fukushima Daiichi reactor accidents were three different types of accidents. First prepare a Table comparing between three the followings: (i) initiation of the accident, (ii) key reasons for the accident, (iii) human errors, (iv) instrument/component failures, and (iv) risks in terms of radioactivity. Several events led to accident in each case - prepare another Table indicating how each of the events that lead to accident could have been avoided for each accident.