- ***Letter to the Editor***

Flooding in Thailand and the problem of radioactive elements leakage

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Sir, the big flooding in Thailand in 2011 is one of the problematic flooding in Asia. It causes several destroying to many things in the disaster areas. An important concern is on the effect on the setting with the radioactive elements usage. In Thailand, there are some places with radioactive elements including to the university, hospital as well as radioactive research center. Luckily, during the disaster period, there is no report on radioactive elements leakage. The interesting focus is on the way that each setting protect itself from flooding. In many places with small usage of radioactive elements, the replacing of the radioactive substances and machines is done. The cases of hospital is very interesting, some hospitals with radiotherapy unit were flooded but they previously replace the radioactive elements and machine to the safe place. The more problematic place as the radiation research center had to make more serious preventive means. The use of heavy big and high giant barrier to protect the building was used and the good first structural plan of the building helped a lot in prevention of the problem. However, there is the problem of transportation of the radioactive element for using in medical purposes. This caused the delay for treatment of many cancerous patients. Indeed, the flooding might be the cause of uncontrolled distribution of radioactive elements and can be serious public health problem [1, 2]. Although there is no problem in this disaster, it is suggested that any site should have their own preventive protocol to correspond to the possible flooding and other disaster.

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