

Vulnerability Assessment to Several Nuclear Facilities: an Effort to Improving Nuclear Security Capability in Indonesia through Higher Education

Indonesia has a long experience with nuclear technology, since a first Indonesian national committee began to investigate nuclear fall out in 1954. But, nuclear security is a relatively new issue in Indonesia, and hence several nuclear facilities in Indonesia, including hospitals and industries utilizing radiological material, is operating in a low security. To face up the security problem, Nuclear Engineering Program of Universitas Gadjah Mada has been analyzed security vulnerability of several facilities. There are several studies related to the nuclear security of nuclear medical unit in hospitals in order to improve their physical protection systems. The study is not only limited to the present facilities but also to the estimated facilities which will be built in the future. Recently, several studies on advanced nuclear reactor's security systems have been also conducted to anticipate when the first advanced nuclear reactor is chosen to be utilized in Indonesia.

State

Indonesia

Gender

Male

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