

THE CONSIDERATION OF SECURITY ASPECT IN REVIEW FOR NUCLEAR INSTALLATION OF SITING STAGE.

The security of the nuclear facilities is an important criterion for site selection and for establishing plant configuration and plant operational procedures. Plant security is ensured primarily through features that are built into the strength of the structures, configuration of the systems and layout of the buildings, and barriers and security systems which are set up to restrict access and entry into the plant. Nuclear facilities have often been designed without giving sufficient consideration to nuclear security until late in the design stage or after operational and safety features had already been determined. Nuclear security measures were added later, often resulting in the application of measures that were not integrated or fully compatible with measures relating to safety, safeguards, and operations. The facts are nuclear security in siting also influence safety aspect, therefore nuclear security must be reviewed in the site stage of nuclear installation. This paper will present consideration of the result of evaluation for site characteristics for nuclear security purposes, including review of regulation on security aspect especially for site stage when applied in Indonesia.

Keywords: security aspect, review, siting of nuclear installation

State

Indonesia

Gender

Male

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Track Classification: PP: Nuclear security vulnerability assessments