

Abstract

Office is a place used for working and is equipped with supporting facilities. PSTNT BATAN is an institution that conduct research and development, and application of science and technology of nuclear power. The focus of this redesign is the PSTNT BATAN administration office. As a state owned building, the administration office has problem of security, comfort, and aesthetics. Some problems encountered are high energy usage of electricity for lighting and building users energy, space layouting, and circulation. The office building that is close to laboratories and workshops of nuclear energy agency also needs consideration on safety against radiation exposure. However, limited funds for the management of the building is one detention to overcome the design problems. Therefore, PSTNT BATAN administration office design should use sustainable design approach applies low-cost maintenance design, safe, and has functional optimization in its operation.

Keywords: sustainable design, office, nuclear