

# **THE SCYNTILLATION SOLID-STATE DETECTOR FOR COMPLEX CONTROL AND DIAGNOSTICS SYSTEM OF SUBCRITICAL ELECTRONUCLEAR INSTALLATION**

A. A. Maltsev, JINR, Dubna, Moscow Region

## **Abstract**

For registration of x-ray, scale and neutron radiations, their distribution in volume of installation it is offered to use the optics-electronic method. It means to use blocks of detecting scintillation solid-state. During registration of radiation is carried out double transformation: first the ionizing radiation cooperates with scintillation thus photons in light area of a spectrum are formed, and then quanta of light are registered by the solid-state photo multiplier.

**CONTRIBUTION NOT  
RECEIVED**