

ON THE MEASURES TO STRENGTHEN THE GLOBAL NUCLEAR SAFETY REGIME

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Abstract

The fundamental safety objective to protect people and the environment from harmful effects of ionizing radiation applies to all circumstances that give rise to radiation risks. The intent and purpose of safety principles are to be applicable throughout the entire lifetime of all facilities and activities - existing and new utilized for peaceful purposes, and to protective actions to reduce radiation risks.

Now as the nuclear option is being revisited in many places, a variety of stakeholders will seek participation in such decisions. Nuclear and radiological accidents occurred wide world have served to arouse public concern. The development of here-and-now media capabilities have created an awareness that may not have previously existed.

Improvement in educational systems and the development of the internet have made technical information and expertise available to individuals and locations that were previously without them.

The core of the Global Nuclear Safety Regime (INSAG Series No.21) for nuclear installations are the activities undertaken by each state to ensure the safety and security of the nuclear installations within its jurisdiction. National efforts can be strengthened by: intergovernmental organizations, multinational networks among operators, multinational networks among regulators, multinational networks among scientists, the international nuclear industry, and the stakeholders (public, news media, NGO's) that are engaged in Nuclear Safety. All of these efforts should be harnessed to enhance the achievement of safety.