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## Bangladesh Approach to Safeguard of Nuclear Materials: A Newcomer's Insight

As Bangladesh recently gains the graduation status of LDC, its demand of electricity would be higher to meet up the growing criteria of the status. Seeing such possibilities, Bangladesh adopted the strategy of utilizing nuclear energy for power generation a decade back to mitigate the growing need of the country's energy requirements. Much of the promises in regards to this has been made. The country has entered into the nuclear club as 34th state using the nuclear energy for power. Bangladesh is in the process of constructing a nuclear power plant with two nuclear reactors of 1200 MWe capacity each through technical cooperation of Russian Federation. As a peace-loving nation with its commitment to IAEA motto 'Atoms for Peace' and international treaties and conventions, Bangladesh is promised to ensure protected use of nuclear materials for power generation.

Nuclear non-proliferation and diversion of nuclear materials to unauthorised uses will be the prime factor in its commitment to international community. As a newcomer's in the faculty of nuclear energy, Bangladesh is forming its safeguard mechanism involving the relevant stakeholders in this regard. As a beginners' tool, safeguard in Bangladesh perspective is regarded as a common/multilateral platform of both safety and security personnel/department to maintain an effective 3S relationship. A unified approach confirming effective nuclear materials accounting and control, nuclear security culture, robust physical protection measures and response forces, development of efficient nuclear workforce, regional and international cooperation are some of the areas of major windows for safeguard operation. Its approach to safeguard would continuously move through evaluation and substantive measures would be in place before completion of nuclear facilities in the country.

### Which "Key Question" does your Abstract address?

NEW3.1

### Which alternative "Key Question" does your Abstract address? (if any)

NEW3.2

### Topics

NEW3

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