

## Technical Support Organizations: Other Bricks of the Defence in Depth Layers

*Tuesday, 28 October 2014 12:30 (30 minutes)*

Following an objective approach, the interests of operators, regulatory authorities, and of the public, with regard to major hazard industries and practices would coincide in that all of them wish no undesirable outcomes from their applications. This paper conveys the will to share experiences gone through in Cuba that might be helpful to others, especially developing countries, in accommodating the interfaces of the above mentioned stakeholders, mainly in the area of attaining and managing technical support for reliability and availability; covering the lessons from two main stages; an initial one, having a nuclear power plant project under way, in addition to other projects involving the use of ionizing radiations in industry, research, medicine and radiopharmaceutical applications, as well as in education; and a second stage, at present, where there is no nuclear power plant project in construction, or operation, but the rest of the practices from stage one generally remain.

In developing countries, where the availability of resources may be not enough or scarce, to have the capacity of identifying where the needs for technical support are the priorities, for implementation of a graded approach, is of paramount importance, so the efforts dedicated could, nevertheless, yield the greatest results in reliability and availability. Here are accounts mainly aimed at the attainment of safety objectives, which should be seen, and in fact is, in line, with the interests of regulators, licensees and of the public. The paper is prepared, mainly, pursuant to Topical Issues 2 and 4 of the Conference.

Key words: Technical support, major hazard, safety, security, reliability, availability, nuclear power, ionizing radiations, irradiators, radiopharmaceutical, assessments, research, training, interface, regulators, licensees, industry, graded approach, holistic approach, capacity building, accidents, risks, defence in depth.

### Country or International Organisation

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**Session Classification:** Session 2: Poster Session

**Track Classification:** Interface Issues