APSN Surveys for the Coordination of Training Efforts in Asia: Results and Challenges

Symposium on International Safeguards:

Building Future Safeguards Capabilities

5 – 8 November 2018, Vienna, Austria

Categories and Topic Areas
--- Training Needs and Providers Surveys ---

Capacity Building for SRAs	Capacity Building for Facility Operators/Officers	Additional Protocol Implementation by SRAs
-NPT/SG system -National nuclear law/regulations -International reporting requirements -Development of procedures -NMAC -Quality Management System (QMS) -Information Management System -Licensing (export/import) -Domestic inspections regulatory framework -Enforcement -Negotiation with IAEA -Information Management -NDA -Containment/Surveillance -Safeguards by Design (SBD) -Domestic SG inspections	-NPT/SG system -NMAC : records -Design information -PIT and PIV -Domestic reporting requirements -Preparing for and supporting IAEA -Nuclear security and PP : DBT -Radiation protection and health physics -QMS	-Reporting/updating requirements -Declaration (and updates) preparation and submission -Outreach to AP-affected entities -Complementary Access -AP Annex II identification training -Other

Survey Result : Needs survey with priority

☐ **Common topic from top five priority training needs**

- AP Annex II identification training
- AP declaration preparation
- Design Information (for Operator)
- Safeguards by Design
- National Nuclear law/regulations
- NMAC (for Operator and SRAs)

Needs from countries with prospective ratifications of the AP

Needs from countries in constructing new nuclear facility

Topics of high priority training needs to operator are : "NMAC" and "Design Information"

Survey Result : Needs Survey without priority

❑ **Common interest topics without priority**

		Capacity Building for SRAs (include AP implementation)	Capacity Building for Facility Operators/Officers
1	9 states	- NDA	
2	7 states	- International reporting requirements - QMS - Information Management - Safeguards by Design - AP Declaration preparation and submission - AP Annex II identification training	- Design Information (High priority)
3	6 states	- Development of procedures - Domestic Safeguards inspections - AP Reporting/updating requirements	- NMAC : record (High priority) - PIT and PIV - Domestic reporting requirement

● Without priority, 9 out of 10 surveyed states want to have NDA training
● Without priority, 7 out of 10 surveyed states want to have DI training and 6 states want to have NMAC, PIT/PIV, Domestic reporting requirement for operator

Gap Analysis of Receiving/Providing Training
Preferred Methods of Receiving and Providing Training

- ❑ Preferred method of receiving training were; Regional workshop, Hands-on training, Short-term technical visits, E-learning

- ❑ Most widely used resources and methods for providing training were; Bilateral consultation, Regional workshop, Hands-on training, Course curricula or existing training materials

- ● All preferred method of receiving training are covered by providers.

- ● However, Fellowship provider needs to increase and E-learning provider should be considered

Ideas for developing the role of the APSN in SG training

☐ Potential training recipients expressed slightly more interest in receiving training for SRAs than for operators

☐ However majority of potential recipients expressed an interest in receiving training in some of the essential SG activities for operators, including NMAC, domestic reporting requirements, and PIT/PIV

☐ APSN could act as a central repository for information on all SG training activities and resources in the Asia-Pacific region

☐ APSN could act as a resource pool including information on lecturers with different expertise

☐ APSN to harmonize and coordinate training events to avoid scheduling date clashes and ensure that advanced or follow-on courses are scheduled consecutively with beginner-level courses

Thank you for your attention.

Please visit our website! http://www.jaea.go.jp/04/iscn/index_en.html

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