

Session 2.6

Promoting Nuclear and Radiation Safety : Case of Indonesia

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Problem and Scope of IAEA Support

- BAPETEN, established on 8 May 1998, as the regulatory body to carry out government obligations in overseeing the uses of nuclear energy.
- As stipulated in Act Nr. 10 Year 1997 on Nuclear Energy, BAPETEN is mandated to: develop regulations, issue licenses, conduct inspections and take enforcement measures to ensure compliance of safety and regulations.

At Early Stage:

BAPETEN does not possess comprehensive and effective regulatory control framework

Problems:

Poor oversight;
Lack of competent HR;
Poor national infrastructure for radiation safety;
Safety culture is not strongly held yet;
Insufficient public participation in regulatory process; etc



Fellowship and Scientific Visit



Training Course/Workshop/OJT



Expert Mission



Conference, Seminars

Achievements

- 7 GRs*, 70 BCRs* on the safety uses of nuclear and ionizing radiation are currently applied;
- BALIS Online: BAPETEN's Licensing System Online;
- Conduct inspections to 500 institutions each year with graded approach
- Refreshment training for RPOs;
- Training for RB's staffs and radiation users;
- Dissemination for public: new safety regulation, raising awareness, etc;
- National Dose Register: workers, patient's DRL (on-going process);
- Hosting Fellowship and High Level SV for MSs in the region;
- PUI contribution for RAS0073/20-01: Approach Expert Mission Assist Papua New Guinea in the Establishment of the New Regulatory Body;
- Self-funded expert visit and scientific visit;
- BAPETEN has issued site license for the establishment of Nuclear Power Experimental Reactor;
- BAPETEN is in the process of evaluating Construction License Docs. App. for new Cat. IV Irradiator Facility;

*GR = Government Regulations
*BCR = BAPETEN
Chairman Regulation



Future Action Plan

- Improve the development of regulations;
- Increase number of institutions to be inspected each year;
- Enhance online licensing process;
- Nuclear Power Programme implementation is in line with GR Nr. 79 Year 2014 on National Energy Policies;
- Optimize Regional Capacity Building Initiative (RCBI), Indonesia as the initiator eager to support the development of nuclear science and technology in the region;
- Contribute to Peaceful Uses Initiative (PUI);
- Continue supporting regional efforts through expert missions and hosting of fellowships or scientific visits.





THANK YOU

