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Organizational Learning, Building and Sustaining Core Competencies: Knowledge Management Initiatives on Inspection and Regulatory Enforcement in BAPETEN Indonesia

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Regulatory inspection and law enforcement are among the core competencies of the Indonesia Nuclear Energy Regulatory Agency (BAPETEN). Knowledge Management (KM) initiatives are based on strategic planning of BAPETEN. KM in BAPETEN is in its early stage, it is realized since 2015-2016, although its elements have stayed in service for 18 years. Its architecture and performance-information are: to conduct risk based inspection for medical, industrial and research facilities; to plan, monitor and evaluate of effective inspection, including Standard Operating Procedures (SOPs); to utilize inspectors for safety-security of radiation sources along with coordination with related stakeholders; to enforce the safety and security facilities report to users; to optimise reliable data communication, processing and information technology (B@LIS); to perform regulatory enforcement along with other related stakeholders. KM processes are performed through the 'Socialization, Externalization, Combination, Internalization' (SECI) model. Technical knowledge for inspectors are based on the IAEA-TECDOC-1526 plus supporting knowledge. With KM, innovation products can easily be used, because they are documented, distributed in a KM portal, knowledge is shared through the BAPETEN website, B@LIS database and others. Our challenge is that KM initiatives still need a tremendous effort, not only internally, but also externally, especially in coordination and collaboration. Information access brings about not only positive but also negative impacts. Innovations in regulatory inspection and law enforcement in BAPETEN are planned innovations, sustained, and systematically performed.

Country or International Organization

Indonesia

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