

Framatome Experience and Expectations with the IAEA Information and Knowledge Management

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Framatome Anp is using several databases and knowledge management services provided by IAEA :

Safety related IAEA publications like fundamentals, requirements, safety standards and guidelines are used in many Framatome activities. Such publications available on IAEA website are often consulted or downloaded by engineers.

IAEA **expertise in nuclear technologies** capitalized through technical documents, reports : the famous TECDOCs is also used on a regular basis by nuclear engineering teams at Framatome. Current fields of interest are for example nuclear plant ageing, waste management, accident analysis reports. Other fields of interest are also experimental data from research reactors, operational data from industrial plants, operating standards and methods. Generic and non-commercial nuclear knowledge should be shared. IAEA knowledge management systems play a key role to meet those needs.

Industrial know how preservation actions like HTGR knowledge, nuclear graphite plants knowledge capitalization actions are very useful. In the two cases cited, preserved knowledge is actually re used in new projects.

Sharing **operating experience from world plants** is crucial among actors of the nuclear industry. An important mission of IAEA is to facilitate it. Business activities need up to date information about worldwide nuclear plants. We commonly use **PRIS**: the IAEA database of nuclear power facilities in the world, world nuclear plants incidents reporting system.

Business activities are also based on world energy data provided by **ETDE** database.

Framatome **R&D** activities need bibliographic information about nuclear research results. The **INIS** database, with more than 2 millions bibliographic items is an important source for bibliographic studies prior to R&D activities at FRAMATOME. Nuclear experts management system might also be used to facilitate communication between professionals.

The **country nuclear power profiles** database provides up to date information about nuclear and non nuclear energy features for each member country of the IAEA organization. This information is particularly appreciated in marketing activities.

Other databases are also consulted in miscellaneous activities. Let us cite Extra budgetary programs database as an example.

Conclusion

We support IAEA efforts to integrate existing knowledge bases in the form of a “nuclear knowledge portal” and appreciate the high quality level of knowledge management systems provided by IAEA organization.