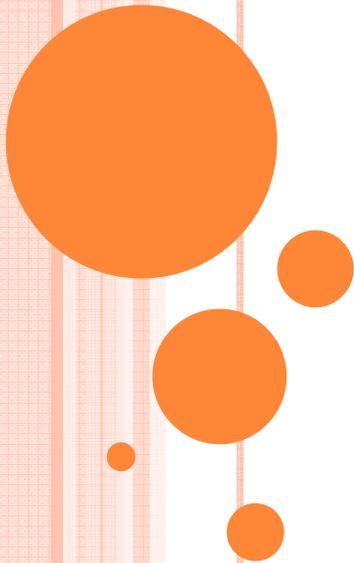


GLOBAL STANDARDIZAT

ION



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GLOBAL STANDARD(1)

- At first, in Europe where plural countries coexist, the unification of the standard around a field of infrastructure such as electricity, railway and communication started.



GLOBAL STANDARD(2)

- De Facto Standard (Standard achieved a dominant position by market competition)
e.g. VHS(Video-tape), Windows(OS)
- De Jure Standard (Standard enforced by public organization) e.g. ISO standard



PRESENT SITUATION (1)

- Nuclear Power is recognized as one of the most effective options to prevent a global warming.
- The fact that an accident in a country causes a harmful effect globally is known to the public.
- Globalization of Nuclear Plant Market and Global Affiliation of Atomic Industries



PRESENT SITUATION (2)

- The development of the Gen-IV system is considered to be done by means of international cooperation.

International frameworks, not only for R&D but also for supplying fuel and waste treatment & disposal, are necessary mainly from the viewpoint of PRPP.



PRESENT SITUATION (3)

- The standard of the energy supply facility in the next generation should be concluded through the free discussion with no national boundaries.



ISSUES (1)

- International Framework composed of the countries with their domestic R&D plans
- Arrangement / Selection of the ground for the discussion on the guideline, tech. standard and other items necessary for the global standardization (GIF ? MDEP ? IAEA/INPRO ?)



ISSUES (2)

- Consideration to the Intellectual Property of the technologies & software in the international cooperative development
- Maintenance System for the established standard



PROPOSAL (1)

- 1st Step: Common target on Design and Technology (e.g. GIF-Goal)
- 2nd Step: Common Philosophy on the target (Safety, PRPP, etc.)



PROPOSAL (2)

- 3rd Step: Consensus on the process
to make global standards
- 4th Step: Establishment of the committee
for the formation of the global
standards



For the global standardization,

Discussion of this session

FR09 Panel 2

is the important starting point.