

IAEA Ministerial Conference

Session 3: Global Nuclear Safety Framework

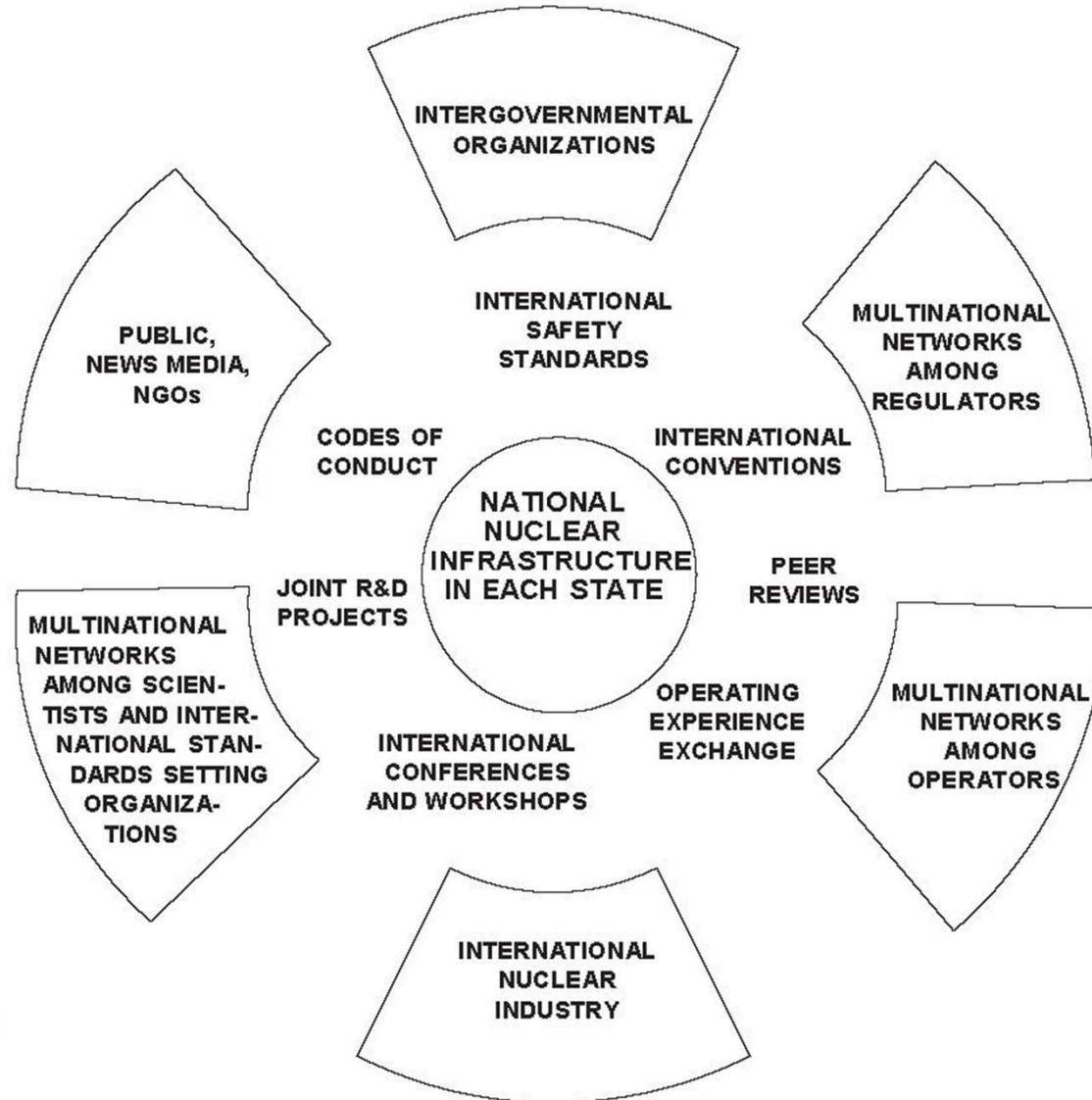
Strengthening the Global Nuclear Safety Framework

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Importance of Revitalization of the International Framework

- The Fukushima accident shows we need to enhance safety
- Mutual dependence on safe performance by all
- Increasing numbers of power plants and arrival of new entrants
- Aging plants
- International nature of the nuclear business
- Reality that we have much to learn from each other

Global Nuclear Safety Framework



Source: INSAG-21

Reasons to Maintain National Authority

- Local population will likely need assurance that safety is secured by a politically responsive body
- Strategic importance of energy makes it unlikely that a surrender of sovereignty would be widely accepted.
- Need to regulate in a way that is responsive to local legal, economic, and social culture

Augmentation of the IAEA's Legal Authority

- Build on responsibility of national regulators
- Provide IAEA with authority to review safety at a time of its choosing in a public process.
- Seek to monitor and assess the national regulator's efforts
- Accomplish change through amendment of the Convention on Nuclear Safety

Near-term activities to strengthen safety

- Expand IAEA safety services
- Strengthen and enhance IAEA safety standards
- Assess and enhance accident response capability
- Establish clearinghouse for accident information
- Strengthen sharing of operating experience

Near Term Activities (cont)

- Strengthen safety culture
- Focus review meetings of the CNS
- Coordinate new reactor design safety assessments
- Enhance international safety-related research

Conclusions

- Fulfillment of safety obligations requires enhancement of IAEA programs
- Strengthening the global safety framework is essential to ensure that nuclear technology is harnessed for the benefit of humankind