

Milestones in Development of a National Infrastructure for Nuclear Power

Infrastructure Issue: Management

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IAEA

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Management Commitment

- Strong Leadership to establish a national commitment
- Management from the start
- Highly competent management and leadership are vital to the success of a nuclear power programme through all Milestones
- A well developed management system is essential
- Roles and responsibilities of management will change over time in different phases

Expectations

- Decision to proceed from the government
- Establishment of
 - The Nuclear Energy Programme Implementing Organization (NEPIO)
 - The owner/operating organization
 - The independent Regulatory Body

Integrated Management System

- A **single coherent** management system for each organization in which all the components, parts of an **organization** are **integrated** to enable the organization's objectives to be achieved
 - All management areas: safety, quality, environment, health, security, economical
 - Objectives, goals, strategies
 - Personnel, resources e.g. equipment, culture, policies, processes
 - One set of organizational processes (and their description) that address the totality of the objectives/requirements of the organization

Integrated Management System

Consideration of requirements separately may introduce a potential negative impact on safety



Therefore it is necessary to integrate all elements of managing nuclear facilities and activities to ensure that inter-related economic, health, security, quality and environmental, economical matters are not considered separately to safety matters.

In Conclusion

- Commitment at all levels and the creation of an integrated management system in all phases will result in:
 - Proper focus on safety and economics
 - Alignment of strategies and policies for the organization and for public acceptance
 - Continual improvement culture
 - Faster reaction to change and challenges