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Leadership as a necessary part of Nuclear Quality Programs within NPPs

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Leadership in terms of ISO 19443

„Top management shall ensure that nuclear safety is taken into account in decision making and is not compromised by any decisions taken“

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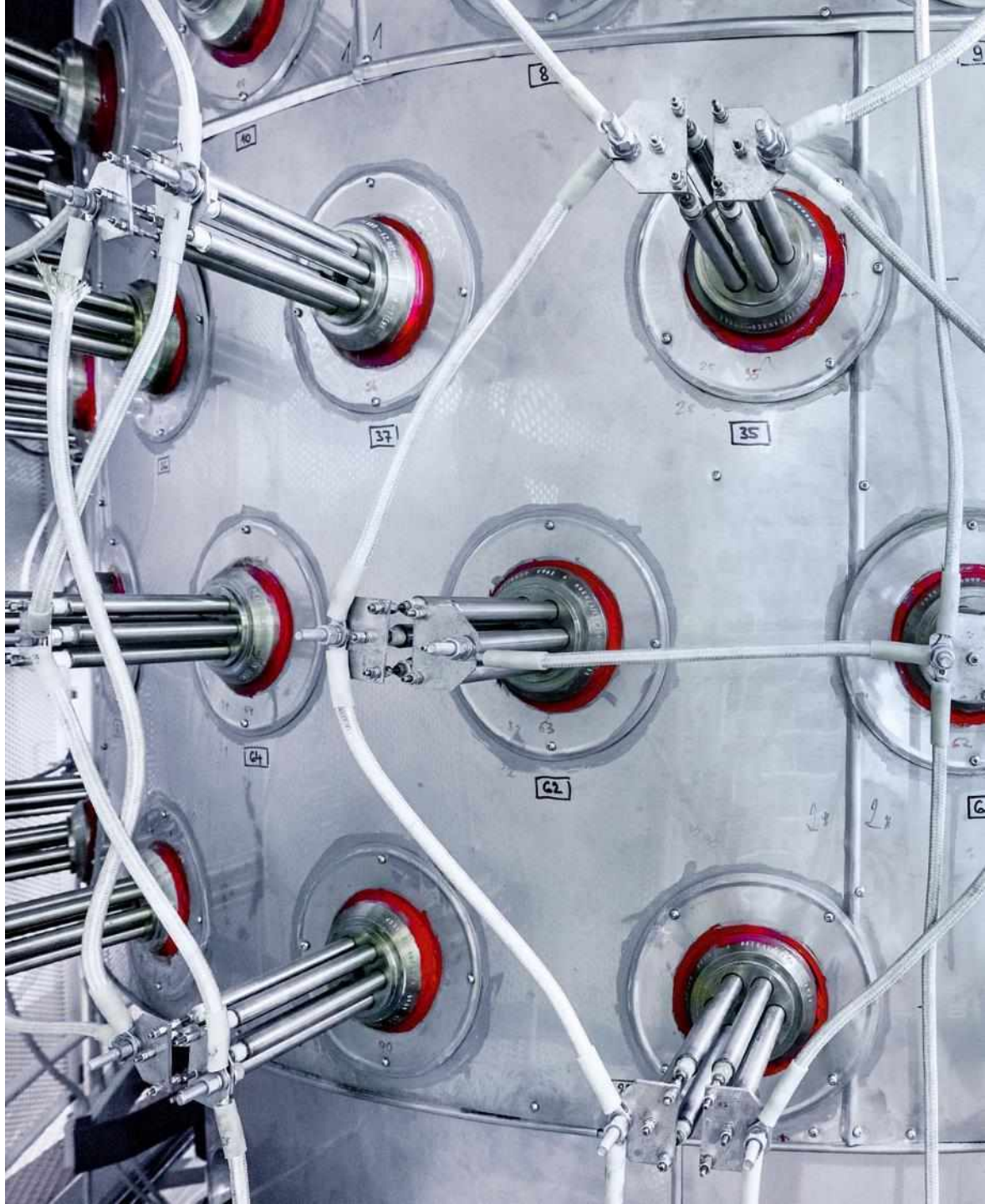
- Communication
- Example
- I mean what I say



„Communication“

01

Misinformation

Maintaining integrity, safety, and trust within the nuclear industry

02

Transparent communication

Providing clear, accurate, and straightforward information without omitting critical details.

03

3-way communication

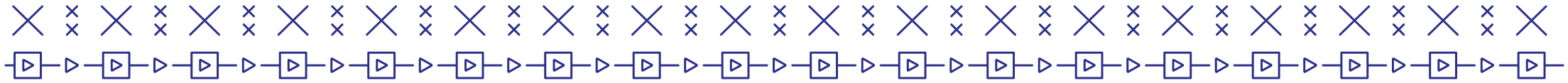
Ensuring that messages are clearly sent, received, and confirmed

04

Informing stakeholders

Ensuring transparency and honesty.

Keep stakeholders informed.



„Example“

01

Leader sets the standard

Serving as exemplary role models for their subordinates.

Their behavior sets the tone for the entire organization and influences the actions and attitudes of their team

02

Avoid negligence

Avoiding negligence in the nuclear industry is absolutely critical due to the high stakes involved in terms of safety, environmental impact, and public trust

„I mean what I say“

01

Keep your word

Keeping the word, it boosts team morale and fosters a positive working environment

02

Consistent word and action

Following always through on your commitments. If you promise something, ensure it gets done.

Key takeaways

Leadership as a necessary part of Nuclear Quality Programs within NPPs

Understanding the Critical Role of Leadership

Leadership is essential for the success of nuclear quality programs

Essential Leadership Qualities and Behaviors

The specific qualities and behaviors that make an effective leader in the nuclear industry

The Impact of Leadership on Quality and Safety

Real-world examples and case studies demonstrating the impact of leadership on quality and safety outcomes

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