Operational Readiness of SMRs
NPES Activities

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Background

- NPES
  - Engineering & Ops support
    - Operating Plants
    - New projects in operating countries
- Management & HR Development
  - Management systems, leadership & stakeholder involvement
  - HRD

• Establishes general requirements for the development plan, content and implementation conditions for comprehensive measures for ensuring the operational readiness of new NPPs
Organizational Models, O&M Plans...

Recent, relevant NPES support

- “Autonomous, remote operation”
- “…skeleton maintenance staff.”
- “…absence of personnel reduces hazards from a fitness for duty perspective…”

...and Operational Readiness for SMRs?

- Operations Plan
  - Organizational model / staffing
  - Surveillance & testing
  - Switching & tagging
  - Training

- Maintenance Plan
  - Organizational model / staffing
  - Maintenance process / workflow
  - Turnover from / to Operations
  - Training

- Engineering Plan
  - Organizational model / staffing
  - Engineering processes (modification, technical assessment)
  - Training

- Licensing Plan
  - Organizational model / staffing
  - Regulatory interface

- Outage Management Plan
  - Organizational model / staffing
  - Outage management process
Thank you!