



SSG-25(Guidance on PSR)

Ageing

Physical ageing

**SSG-48
(Guidance on
AM and LTO)**

Obsolescence of
technology

- Lack of spare
parts and
technical
support

Non-physical ageing
(obsolescence)

Compliance with current
codes, standards and
regulations

Obsolescence of
knowledge

- Plant design
- Actual condition of structures, systems and components(SSCs) important to safety
- Equipment qualification
- Deterministic safety analysis
- Probabilistic safety assessment
- Hazard analysis
- Safety performance
- Use of experience from other plants and research findings
- Organization, the management system and safety culture
- Procedures
- Human factors
- Emergency planning
- Radiological impact on the environment

 Scope of Ageing Management Plan

 Scope of Periodic Safety Assessment of Continuous Improvement