



Federal Environmental, Industrial and Nuclear
Supervision Service
(Russian Federation)



Lessons Learnt after Fukushima Accident and Safety Actions Undertaken in Russia

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Lessons Learnt: continuous improvement of the NPP safety level:

- Large-scale upgrading of the power units in the Russian Federation implemented as part of the lifetime extension programme
- Impossibility of the NPP life time extension without demonstration of its safety
- Key role of safety reviews in regulatory decision-making
- Creation of innovative NPPs and regulatory requirements for such NPPs



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Lessons Learnt : Effective emergency response in case of an accident:

- The role of the state as a coordinator – a Unified state system for prevention and elimination of emergencies in the Russian Federation
- Regular drills with participation of an operator and all competent state structures - up to 6 drills annually in the Russian Federation
- Emergency drills that include measures with evacuation of residents - 2 drills performed for 2 NPPs in 2010
- Human factor



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Actions undertaken in the Russian Federation after Fukushima accident :

- Targeted checks as regards protection of Russian NPPs at the level of :
 - nuclear power plants
 - Rostekhnadzor
 - NPP operator
- Preliminary safety assessments of the Russian NPPs under extreme external impacts, including possible acts of terrorism and development of the immediate action plan
- Review of safety analysis and the immediate action plan by the regulator



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Thank you for your attention!