Session 2.5
Capacity Building for Nuclear Power Life Extension: Case of the Argentine Republic

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The activities carried out within the framework of TC projects involved representatives from:

- National Atomic Energy Commission (CNEA);
- Nucleoeléctrica Argentina S.A. (NA-SA) -utility-;
- Nuclear Regulatory Authority (ARN).

Main results:
- Development of capabilities in ageing management and life management of NPPs.

These allowed to support:
- Commissioning and licensing of Atucha II NPP;
- Atucha I NPP life extension studies;
- Embalse NPP life extension program.
Achievements under IAEA TC Projects

Project ARG4093 – 2009/2011
Supporting Ageing Management for the Long-Term Operation of Atucha II NPP
• Development of a methodology for implementing the PLiM Programme, provision of base line information and knowledge to carry out an ageing management programme for LTO, among others.

Project ARG2013 – 2012/2014
Supporting a Plant Life Management Programme for Long Term Operation of Atucha-Type Nuclear Power Plants
• Creation of working groups on this issue and the acquisition of capabilities to extend the spent fuel storage and master techniques to evaluate degradation, among others.

Project RLA9080 – 2014/2017
Enhancing Nuclear Power Plant Life Management and Safety Culture Practices
• Ongoing project
• Meetings/Workshops: 16 (5 in Argentina)
• Scientific visits: 8 (4 national experts abroad)
Actions and plans to further consolidate the established capabilities

Future actions

- Continuous advisory support to enable the NPPs operators and R&D institutions to meet the requirements for an acceptable level of safety at every stage of the life cycle; including aging and long term operation management.

Contributions of projects based on SDGs

- Ensure access to affordable, reliable, sustainable and modern energy for all.
- Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all.
- Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation.
- Take urgent action to combat climate change and its impacts.
Thank you.

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