



# IAEA

International Atomic Energy Agency

*Atoms for Peace*

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## ***Completing the Atucha II nuclear power plant in Argentina***

### ***The challenge...***

Latin America's first nuclear power plant, Atucha I, in Argentina, was commissioned in 1974. Atucha II, the third in Argentina, was initiated in 1981 with a scheduled operational date of July 1987. However, owing to financial problems, the project was delayed when only 81% complete. In 2005, the Government of Argentina decided to resume activities to complete it.

Atucha II will produce some 5% of the total electricity generated in Argentina. This is the equivalent of more than 3 million cubic metres of natural gas per day, hence addressing problems related to the cost of fossil fuels, carbon dioxide emissions and the balance of Argentina's energy sources. This process is the responsibility of the utility Nucleoelectrica Argentina Sociedad Anonima with the collaboration of the National Atomic Energy Commission.

### ***The project...***

The project's main aim was to provide advice and expertise in subjects relevant to the finalization of construction and preparation for commissioning, startup and the safe and reliable operation of Atucha II. This was accomplished through over 25 expert missions, including project management and document reviews and workshops on specific technologies.



### ***The impact...***

- Expertise has been provided to support the construction and commissioning of Atucha II. This has covered all the main areas, including engineering, licensing and compliance, commissioning and, in particular, the management and performance of these activities, evaluation of the existing conditions and plans for finalization of the activities in accordance with project control and a coordinated schedule.
- The project has successfully strengthened capabilities and improved expertise in accordance with international standards and guides.

