



ATRIUM™ 11

Reducing
Fuel Cycle Costs

A
AREVA
forward-looking energy

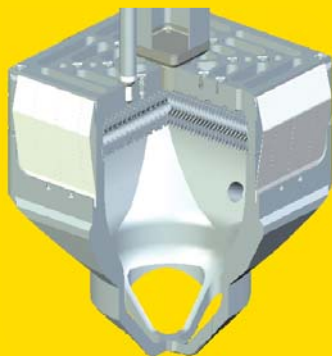


Reduces Generating **Costs**

The ATRIUM™ 11 geometry provides an unprecedented level of uranium utilization efficiency.

Solves Debris **Fretting**

Features at the inlet, spacer grids and bundle exit provide the industry's best top-to-bottom fuel rod protection.



Maximizes **Generation**

The innovative 11 x 11 rod array design increases tolerance for pellet-clad interaction. That means you can maneuver assemblies faster, and your plant can operate at a higher capacity factor.

Tomorrow's BWR Fuel Design — **Here Today**

The ATRIUM™ 11 design is complete. It has been in operation since 2012, and reload supply readiness is on track.

The ATRIUM™ 11 provides significantly lower fuel rod power levels for:

- » Power uprate margins
- » Operational flexibility
- » Improved PCI management
- » Enhanced crud tolerance

Less fuel cycle cost,
more efficient fuel cycles.
ATRIUM™ 11 is the future now.

Peak performance for demanding operations

ATFURN™



Reducing Fuel Cycle Costs

AREVA provides its customers with solutions for low-carbon power generation in North America and all over the world.

As the leader in nuclear energy and a significant, growing player in the renewable energies sector, AREVA combines U.S. and Canadian leadership, access to worldwide expertise and a proven track record of performance. Sustainable development is a core component of AREVA's strategy.

Its nearly 5,000 U.S. and Canadian employees work every day to make AREVA a responsible industrial player helping to supply ever cleaner, safer and more economical energy to the greatest number of people.

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