

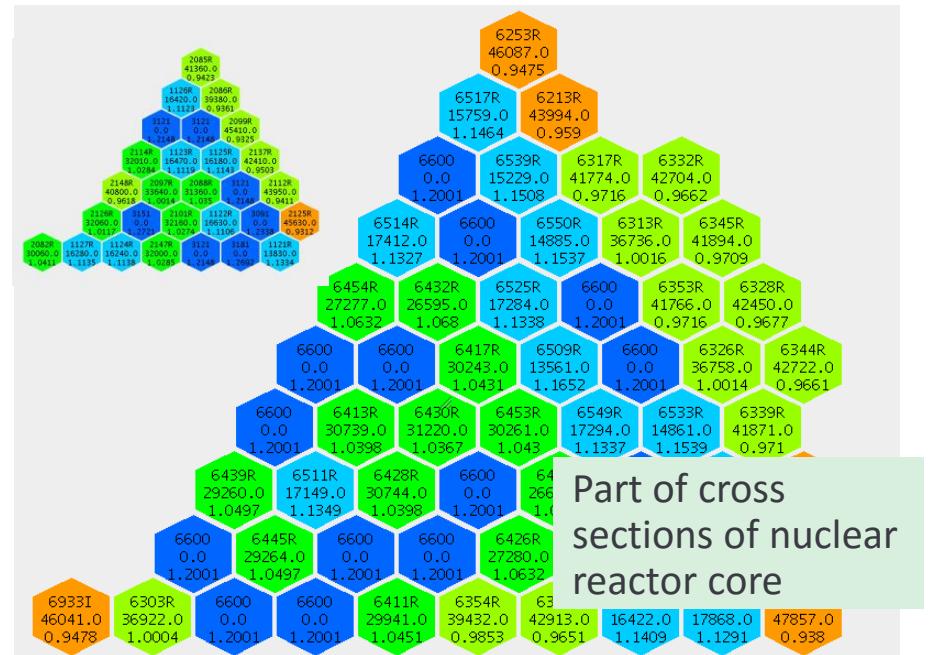
## Challenge

To guarantee a highly economical use of nuclear fuel and minimize nuclear power plant operational costs.

## COMBINATORIAL AND CONTINUOUS OPTIMIZATION IN NUCLEAR ENERGY

## Goals

- To reduce nuclear fuel cost
- To increase economics of a nuclear fuel cycle
- To fulfill all safety and operational requirements



## Benefits

[ The company has a computational tool for designing and optimization of nuclear reactor reloading patterns ]

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TA01020352 Zvýšení využití jaderného paliva pomocí optimalizace vnitřního palivového cyklu a výpočtu neutronově-fyzikálních charakteristik aktivních zón jaderných reaktorů