

# "Experience of Foreign Suppliers Participation in International Projects of Rosatom - case Hanhikivi/Finland"



#### Fennovoima – Hanhikivi 1



- Founded in 2007 to build a nuclear power plant (NPP) at a greenfield site in Pyhäjoki
- Turnkey delivery of Rosatom's AES-2006 PWR
- Fuel supply contract with TVEL for first 10 years of operation
- Plant supplier is RAOS Project Oy, which is the subsidiary of Rusatom Energy International
- Electric power of the plant is approx 1200 MW and thermal power approx 3200 MW
- Commercial operation for 60 years
- Construction of the power plant starts in 2018
- Electricity production to begin in 2024



## **Project Participants**





# Approved supplier – process

(based on Finnish requirements)





#### **Regulatory Guides on nuclear safety (YVL)**

Under Section 7 r (3) of the Nuclear Energy Act, the safety requirements of the Radiation and Nuclear Safety Authority (STUK) are binding on the licensee, while preserving the licensee's right to propose an alternative procedure or solution to that provided for in the regulations. If the licensee can convincingly demonstrate that the proposed procedure or solution will implement safety standards in accordance with this Act, the Radiation and Nuclear Safety Authority (STUK) may approve a procedure or solution by which the safety level set forth is achieved.



#### спасибо



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