

LEADER IN NUCLEAR SAFETY FOR 45 YEARS



**CENTRIFUGAL PUMPS FOR
NUCLEAR APPLICATIONS**

Rütschi leader of nuclear pumps

Rütschi Nuclear global player :

- 5000 pumps in operation
- Present over 100 reactors, pressurized water (PWR), boiling water (BWR) and heavy water

Rütschi has set up a quality system that meets the quality assurance requirements of the following nuclear standards: AIEA GS-R-3, SGAQ, QN100, 10CFR50 annex B, ASME NQA-1, ASME NCA-4000, KTA 1401, HAF604 et ISO 9001.

Rütschi designs and manufactures according to RCCM, ASME Section III and EN codes .

Rütschi offers the largest centrifugal pumps portfolio for nuclear applications, thanks to 70 years experience.

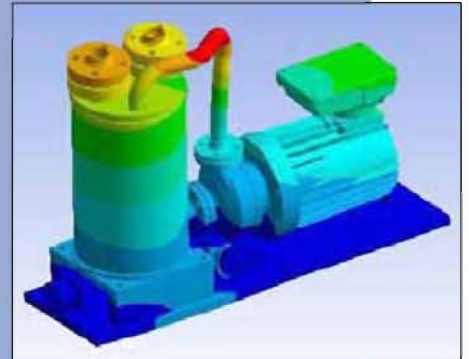
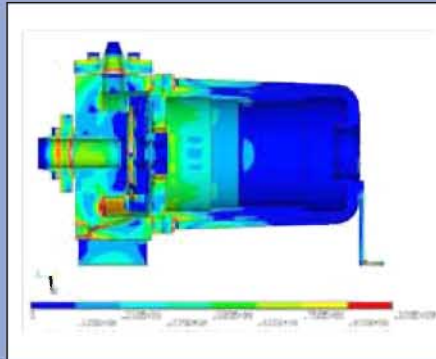


Customized solution

Adjusted design and quality system determined by your nuclear safety level

Flexibility of the Rüttschi solution :

- Technical know-how (CFD/FEA/ design)
- Qualification (seismic, radiation, high temperature, thermal shock, liquid with particles, accident conditions)
- FMEA
- Quality Requirements
- Internal and external surveillance
- Project management
- Documentation follow up



Rüttschi, your partner for pumps after-sales service :

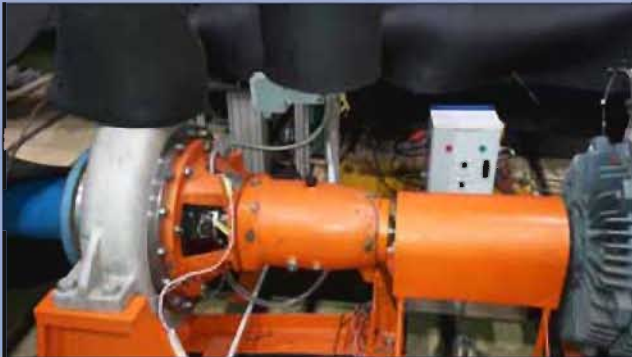
- A qualified staff under ionizing radiations (CEFRI – E certification)
- Commissioning
- Reliability and optimization studies
- Modernization of the existing park
- Reduction of the life cycle costs



LEADER IN NUCLEAR PUMPS

RÜTSCHI PARTNER OF YOUR NPP'S LIFE CYCLE MANAGEMENT

New build – Maintenance – Revampings – Life extension – Post Fukushima – Dismantling



CENTRIFUGAL PUMPS FOR NUCLEAR APPLICATIONS

THE FUTUR : we will write the future with your new projects.