



EDF various nuclear power plants

EDF is partnering with KAEFER France to ensure reliable scaffolding and insulation services across four major nuclear power plants: Chooz, Flamanville, Flamanville EPR, and Cruas.

The project encompasses both production and maintenance phases, with KAEFER acting as a permanent subcontractor. Our experienced team ensures all activities are performed with the highest standards of safety, quality, and schedule management. During each maintenance period, KAEFER coordinates complex operations, adapts to evolving requirements, and maintains a strong, long-term partnership with the client.

Our approach focuses on continuous improvement and operational excellence, supporting EDF's goals and contributing to the safe, efficient operation of critical infrastructure.

4,000 scaffolds erected

280,000 planned man-hours in 2025

Owner/Operator:

EDF

Client:

EDF

Location:

France

Project period:

2024-2031

Services:



Insulation



Scaffolding



Surface Protection



Passive Fire Protection



Rope Access



Project information

KAEFER France delivers just-in-time scaffolding and insulation services for both production and maintenance phases, supported by a dedicated team of permanent technicians and site management staff. In addition to insulation and scaffolding, KAEFER provides brushing operations, painting, passive fire protection, asbestos removal when required, and rope access work for specific tasks. This comprehensive approach, combined with a strong focus on safety, quality, and schedule management, has established KAEFER as a reliable partner. The project is built on a foundation of long-term partnership, continuous improvement, and operational excellence.

Challenges

The main challenge was to coordinate maintenance activities during power plant shutdowns, including scaffolding installation and insulation removal, while ensuring full compliance before restart. Flexibility in scheduling, team availability, and overall planning was essential. Technical shutdowns required the erection of thousands of scaffolds, demanding constant organisational adjustment and effective communication across all teams.

Key stats

The four major nuclear power plants involve:

- 130 permanent technicians
- 30 site management staff
- Up to 120 additional personnel during peak maintenance periods
- 280,000 planned man-hours in 2025
- Up to 4,000 scaffolds erected during technical shutdowns