

PROJECT

Fire Mains, Cooling Water



LOCATION

Poitiers, France

END USER

Electricité de France

CONTRACTOR

Entrepose / Boccard Joint venture

COMPLETION DATE

1993-1997

DESCRIPTION

For the largest nuclear power plant in France (EDF Civaux), the critical firemains and the cooling water system have been supplied in glassfiber reinforced epoxy. The highly critical conditions in this plant prompted for high safety factors on the pressure and minimising seismic disturbances. A special product line has been developed in close co-operation with EDF and qualified to meet these high safety factors.

PIPE SYSTEM

For the firemains, 25mm up to 300mm lines have been supplied for operating pressures of 16 bars with a 6 times safety factor. For the cooling water lines, 600mm diameter has been supplied. Total project value was approximately USD 5,500,000.

SCOPE

- Engineering
- Fabrication

THE FPI ADVANTAGE

Corrosion resistance has been the main reason for choosing GRE in this project. The customer formerly used stainless steel pipes and had problems with corrosion especially at the welded joints. For this newly built plant GRE was the first choice.