



## PROJECT

**First use of Fiberdur GRP pipes «Flexidur»  
in the Nuclear Powerstation Novovoronezh II**

## LOCATION

**Novovoronezh, Russia**

## CUSTOMER

**SPX**

## CONSTRUCTION DATE

**2011/2012**

## END USER

**JSC Energoatom**

## DESIGN PRESSURE

**PN 6**

## DIAMETER RANGE [mm]

**DN 300 – DN 1000**

## PRODUCT

**Fiberdur Flexidur**

## APPLICATION

**Water distribution system in  
2 cooling towers**

## DESCRIPTION

In Central Russia JSC Energoatom is constructing 2 new nuclear powerplants with a total capacity of 1200 MW/each, both close to the town Novovoronezh. The cooling towers will be equipped with Fiberdur pipes. For the first time the new piping system "Flexidur" is being used allowing a pressure resistant and angle-flexible connection. Apart from this new, innovative connection Fiberdur has got a long-term experience concerning the application of GRP pipes in nuclear power stations. Furthermore the company holds a certificated of the Russian Nuclear Regulatory Commission encouraging the use of Fiberdur GRP pipes in Russian nuclear power stations.

## SCOPE OF SUPPLY

- Flexidur-Plug in System for approx. 9.000 m of pipe and connection pieces

## ADVANTAGE

- Easy installation
- Corrosion Resistance
- Long service lifetime
- Light weight