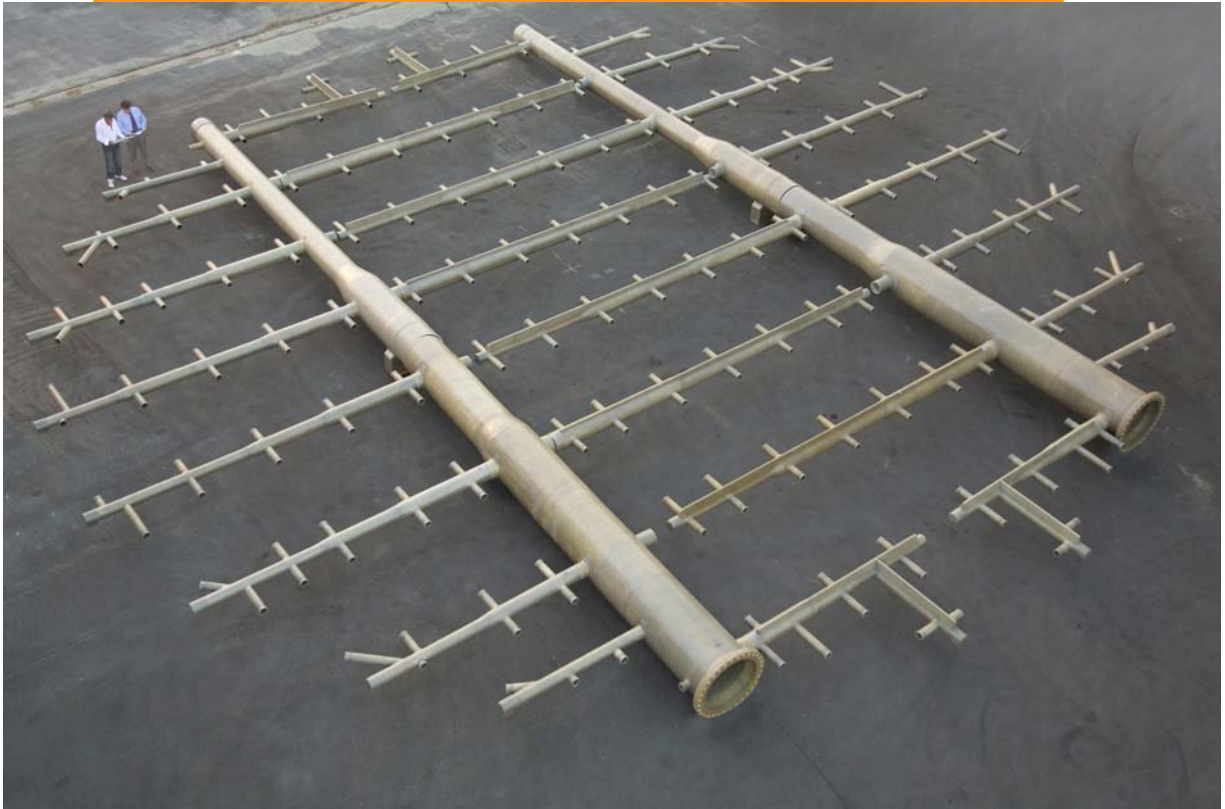


CASE HISTORY



FRP SPRAY BANKS

CASE HISTORY

EQUIPMENT:

FRP spray banks

PLANT:

Oak Grove

ENGINEERING / CUSTOMER:

Electric power station

LOCATION:

Franklin County, Texas, USA

TECHNICAL DATA:

Power: 2 x 860 MW

Absorber Nr.: 2

Diameter of the Absorber: 21.500 mm

Nr. of levels: 10

Nr. of main pipe per level: 2

Nr. of branches per level: 24

Nr. of Spray Nozzles per level: 250

Type of Spray Nozzles: Hollow cone

Type of connection: Victaulic Couplings

WEIGHT:

65000 kg

SELIP DRAWINGS:

Nr. 06BA03270101B

ENVIRONMENT:

Slurry

PRESSURE:

Design pressure: 40 psig (2.75 bar)

Working pressure: 10 psig (0.69 bar)

TEMPERATURE:

Design temperature: 180°F (82°C)

Working temperature: 138°F (59°C)

RESIN:

FRP Vinyl Ester Resin – Derakane D-411

TYPE OF LAMINATE:

- Inside Liner: Hand-Lay-UP – “C” glass +
“ADVANTEK” glass + anti abrasion filler

- Mechanical structure:

Hand-Lay-UP – woven roving + MAT + antimony
trioxide filler

- Outside Liner: Hand-Lay-UP – “C” glass +
“ADVANTEK” glass + anti abrasion filler

YEAR:

Installed in 2008

FABRICATOR:

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