

Saqqara Egypt - KBR

Power Plant Boiler Feed Water Make-up
and Potable Water Supply



Year: 2006

Start-Up Date: 2008

Client/Owner: British Petroleum/
GUPCO

Engineer: Kellogg, Brown & Root

Location: Saqqara, Egypt



Application: Oil Platform Water/Boiler Use

Scope of Work: Ultrapure water system consisting of media filters, two pass RO system, UV sterilizer, demineralizer, membrane, de-aerator, clean in place system.

Operation Data: Feed water TDS: 2,850 mg/l,
Permeate TDS: 0.5 mg/l,
Permeate flow: 50,000 GPD,
System Recovery: 63%

Capacity: 50,000 GPD

Project Summary: This water treatment system was supplied and installed onshore near the Red Sea. The water supplies process and potable water to an oil platform 10 KM offshore through an umbilical system which has power, communication and water supplies incorporated in it.