



**DOWAKSA** CarbonWrap®

## CASE STUDY

ELECTRIC GENERATING STATION  
PHOENIX, ARIZONA

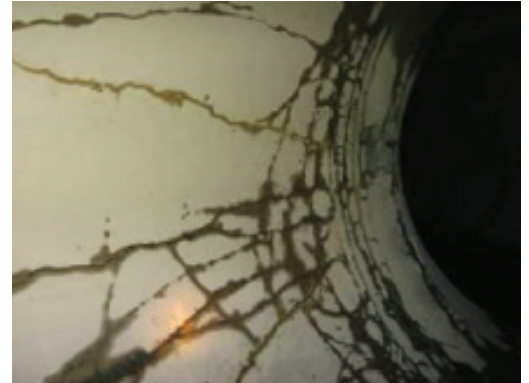
### INTERIOR PIPE WRAPPING KEEPS POWER PLANT IN OPERATION

#### Problem

Testing of an 8-foot diameter, prestressed concrete cylinder pipe (PCCP), which was part of the cooling water lines of the Phoenix Electric Generating Station, indicated severe damage due to the rupture of many prestressing wires. Taking the pipeline out of operation for excavation and replacement was not an option for the plant as the plant generates more than \$5 million worth of electricity every day.

#### Solution

DowAksa CarbonWrap® technology was selected as an ideal alternative, as it could be wrapped on the interior of the pipe, requiring no excavation. All materials and equipment entered the pipe through an existing 24-inch diameter manhole. The project was completed successfully and on time during the plant's short annual maintenance outage period.



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