



**DOWAKSA** CarbonWrap®

## CASE STUDY

SAN JUAN GENERATING STATION  
FARMINGTON, NEW MEXICO

### RETROFIT A QUICKER OPTION THAN REPLACEMENT

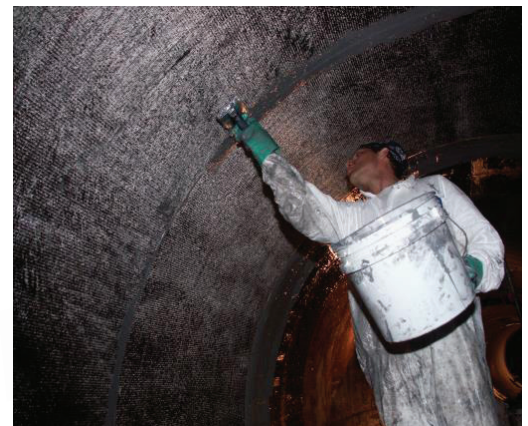
#### Problem

Several prestressed concrete cylinder pipes (PCCP) at the power plant had failed due to the corrosion of prestressing wires and the high pressure in the pipes. Due to the long downtime required for replacement, and the high replacement cost, this option was not acceptable to the management at the power plant. A cost-effective repair option that could be implemented during the short outage time was required.

#### Solution

Pipe retrofit technology using DowAksa CarbonWrap® was presented to the client. This option was gladly accepted by the management as the best solution and it was implemented on the job.

Eight hundred linear feet of the ten-foot diameter recirculation pipes at two different locations (hot line and cold line) were retrofitted by wrapping them with two layers of DowAksa CarbonWrap®. The entire project, including mobilization, took only 11 days to complete.



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