



DOWAKSA CarbonWrap®

CASE STUDY

NUCLEAR POWER PLANT
LASALLE, ILLINOIS

PIPE REPAIR MEETS TOUGH NUCLEAR POWER INDUSTRY STANDARDS

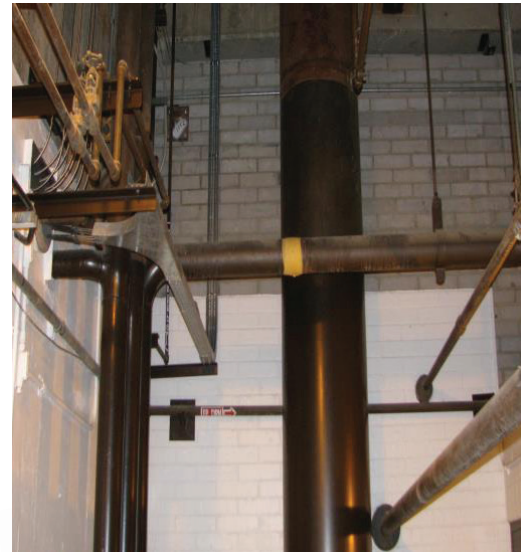
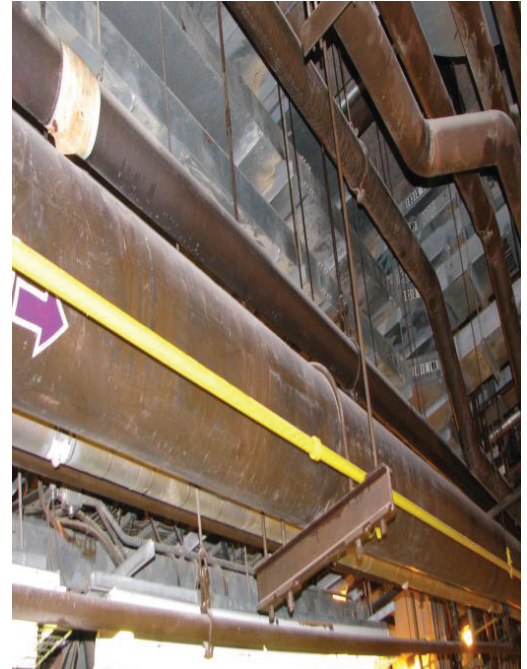
Problem

Many of the steel drain lines in various segments of the power plant exhibited wall thinning in many locations. Various attempts had been made to repair these pipes by wrapping with several commercially available systems. None of those systems proved to be working, since leakage continued. The plant authority contacted DowAksa CarbonWrap® for evaluation and recommendation of a system to mitigate the problem.

Solution

DowAksa CarbonWrap® used its pipe-wrapping technology and tested it according to the requirements of the American Society of Mechanical Engineers, ASME PCC-2006, to qualify its system for application to the nuclear power industry's standards.

Testing proved successful to stop leakage in pipes subjected to the required 500 psi pressure and an existing one-inch diameter hole. Following the successful qualification testing, many of the pipes at the nuclear power plant were wrapped effectively and economically using DowAksa CarbonWrap®.



Phone: 520.292.3109

Toll Free: 866.380.1269

www.DowAksaUSA.com