PROBLEM SOLVED™ PAPER

SOLUTION: Martin® Support Cradle, Martin® Impact Cradle, Martin® Wear Liner, Martin® ApronSeal™ Single Skirting, Martin® Tail Sealing Box, Martin® Tracker™ and MartinPLUS® Installation

INDUSTRY: Coal-Fired Power

LOCATION: Alliant Energy, Lansing, Iowa
(338.5 MW coal-fired power plant on the Mississippi River)

Alliant Energy power-generation facility, Lansing, Iowa

PROBLEM

Severe Spillage Problems In Underground Loading Points.

"The steel structure on part of conveyor feeding system was shot. It was old and really just worn out. There were bows and dips in the skirtboard; we couldn't keep it sealed. So we had too much dust and spillage in the tunnel."

–Ken Schaller, Coal Handling Supervisor

SOLUTION

Martin Engineering representative, Phil Wates, developed a proposal for the reconstruction of the Loading Zones on Belt #5. The proposal included the installation of two Martin® Impact Cradles, two Martin® Support Cradles, Martin® Wear Liner, Martin® ApronSeal™ Skirting, a Martin® Tail Sealing Box and a Martin® Tracker™.

The proposal also included guaranteed installation by MartinPLUS® Installation Services. Over a three-day outage, the installation crew from MartinPLUS® Installation Services tore out the existing transfer point and installed the new components.

RESULTS

"Greatly Reduced Spillage"

"The results are great. I didn't see any spillage last time I was down there. And we are very happy with the work of the MartinPLUS® Installation Services crew. We need some more work done on our conveyors and we're having Martin Engineering quote on all of it."

–Ken Schaller, Coal Handling Supervisor

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