



PROBLEM SOLVED™ PAPER

SOLUTION: Martin® Impact Cradle, Martin® Support Cradle, Martin® ApronSeal Skirting, Martin® Tail Sealing Box, Martin® Inspection Door and Martin® Dust Curtains

INDUSTRY: Coal-Fired Power

LOCATION: Reid/Green/HMPL Station, Western Kentucky Energy (A Subsidiary of LG & E) Seebree, Kentucky



MartinPLUS® Installation Services has rebuilt the load zones on 15 conveyors in the WKE's Reid/Green/HMPL Plant in Seebree, Kentucky.



MartinPLUS® Installation Services completed a reworking of the conveyor load zones at the WKE plant, including new steel skirtboard walls, wear liner and Martin® ApronSeal™ Skirting.

PROBLEM

Conveyors 7A and 7B are side-by-side transfer belts carrying coal from the central reclaim tunnel to the HMPL Plant bunkers.

SOLUTION

MartinPLUS® Installation services installed a new transfer point system on the plant's Conveyors 7A and 7B. Included in this system were Martin® Impact Cradle, Martin® Support Cradle with center support rollers and Martin® ApronSeal™ Skirting.

The crew installed new 18-inch (457 mm) skirtboard walls with abrasion-resistant steel wear liners, Martin® Tail Sealing Box, Martin® Inspection Door and Martin® Dust Curtains. The entire addition was connected and sealed to the existing chute structure.

RESULTS

Following the installation work by MartinPLUS® Installation Services, the plant's material Handling Leader stated in a letter that "the new load zones are performing great and have eliminated the majority of the spillage and dust problems that previously existed."

Over a three-year period, Martin Engineering has redone the load zones on roughly 15 conveyors in the Reid/Green/HMPL plant.

*Martin® Support Cradle is protected by U.S. Patent No. 4,898,272.
Martin® ApronSeal™ Skirting is protected by U.S. Patent No. 5016747.*

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