



Iatan Station Project Summary

Kansas City Power & Light Iatan – Unit 1 Conveyor Installation

Contract Value: \$7.5 Million

Duration: March, 2008 – December, 2008

Location: Weston, MO



OWNER:

Kansas City Power & Light
PO Box 418679
Kansas City, MO 64141

ENGINEER:

Burns & McDonnell
9400 Ward Parkway
Kansas City, MO 64114

GENERAL CONTRACTOR:

Foley Company
7501 E Front Street
Kansas City, MO 64120

PROJECT SUMMARY:

Foley installed owner provided United Conveyor Corporation equipment which included one submersible flight conveyor and two dry flight conveyors at an existing coal burning generating station. Work was performed during a 40 day outage which required two shifts, 7 day/week schedule. Project included extensive demolition to allow for the new equipment and supports. Demolition included removal of the existing ash hopper bottoms lined with refractory, two interior 10' diameter x 20' tall tanks, cooling water pumps, extensive piping and associated supports and foundations.

Exterior structural steel was modified and strengthened to support the additional weight of the new dry flight conveyors. Piping modifications included new water lines, boiler blow down drain reroutes (ASME Welds) and additional pumping systems.

The boiler skirt was removed and a new stainless steel skirt was installed.