

## project brief

**TYPE OF FACILITY:**  
Power Generation Facility



## Springfield Power Plant

■ Springfield, Illinois, United States

In early 2009, construction will be completed on the City of Springfield, Illinois 250 megawatt (MW) pulverized coal-feed power generation station. This is one of many projects on which Foster Wheeler has installed the Victaulic Style 152A expansion joint coupling on pulverized coal feed lines due to the outstanding performance and reliability of the product.

The Victaulic Style 152A expansion joint couplings were installed in conjunction with Style 77 flexible couplings on the pulverized coal feed piping, accommodating for up to four degrees of deflection, as well as expansion, contraction and rotation. The Style 152A provides an easily maintainable system that requires no pipe windows and protects the integrity of the system.

In addition, galvanized Victaulic Style 07 rigid couplings and fittings, as well as Series 705 butterfly valves were installed on the fire water lines.

### SPECIFICATIONS:

SERVICES:	PIPE MATERIALS:	PIPE SIZE RANGE:
Pulverized Coal Feed Lines	Cut Grooved Carbon Steel	18"/450 mm
Fire Water	Galvanized Carbon Steel	10"/250 mm

[www.victaulic.com](http://www.victaulic.com)

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### MARKET:

Power  
Industrial  
Fire Protection

### VICTAULIC SOLUTIONS:

Deflection  
Expansion and Contraction  
Ease and speed of installation  
Reliability

### OWNER:

City Utilities of Springfield, Illinois

### ENGINEER:

Foster Wheeler

### CONTRACTOR:

Foster Wheeler

### COMPLETED DATE:

February 2009



WCAS-7LPMPC

