USE: Coal pile protection and storage

DESCRIPTION: The Aluminum Dome rises to a height of 110' atop a concrete foundation. It covers a Krupp stacker reclaiming which has a storage capacity of 16,400 tons. Generous interior clearances permit truck traffic around a perimeter road circling the coal pile. The dome's custom features include: two 16' wide by 14' high truck doors; a 16' by 4' cupola for ventilation; and a conveyor opening near the top of the dome. Engineered to withstand a 40psf snow load, the dome was erected in approximately four months with an average crew of 10 men.

ENGINEER: Foster Wheeler, Clinton, NJ

DATE OF CONSTRUCTION: 1997

TEMCOR®

The clear-span construction advantage

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