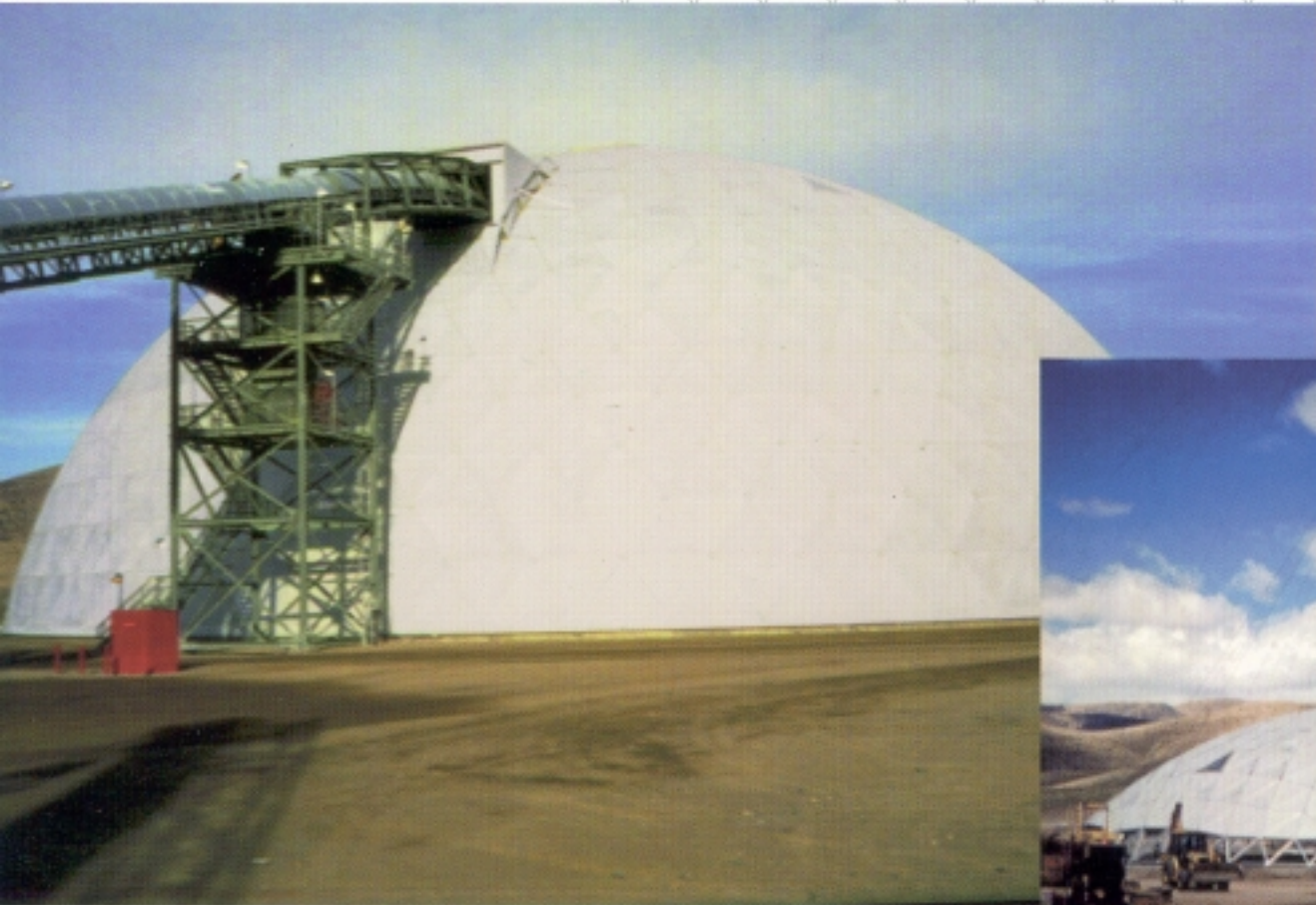


**COAL STORAGE DOME**  
**SIERRA PACIFIC POWER**

Reno, Nevada



250' diameter Temcor Aluminum Dome

**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 reclaimer 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<sup>®</sup>**

The clear-span  
construction advantage

P.O. Box 6256, Carson, CA 90749  
24724 S. Wilmington Avenue, Carson, CA 90745  
(310) 549-4311 • (800) 421-2263 • Fax (310) 549-4588  
website: [www.temcor.com](http://www.temcor.com) • e-mail: [temcor@compuserve.com](mailto:temcor@compuserve.com)