

# **THE METHODIST HOSPITAL** **CENTRAL PLANT UPGRADE-PHASE I**



<b>OWNER:</b>	The Methodist Hospital
<b>GENERAL CONTRACTOR:</b>	Boyer, Inc.
<b>ARCHITECT/ENGINEER:</b>	Shah Smith & Associates
<b>BOYER CONTRACT:</b>	\$4,800,000
<b>TYPE OF CONTRACT:</b>	Prime Contractor
<b>MECHANICAL SUBCONTRACTOR:</b>	Way Engineering
<b>PROJECT TYPE:</b>	Central Plant Renovation
<b>COMPLETION DATE:</b>	March 2002

The renovation and upgrade added four (4) 2000-ton centrifugal chillers on a new structural concrete mezzanine built inside the existing Central Plant. Structural work includes new foundations excavated beneath the existing basement slab. Means and methods include the design and installation of a 70 foot steel bridge for crane access above the work area. Construction activities also required the installation of temporary structural shoring in the existing service tunnel. Mechanical scope included repiping chilled and condenser water systems and the installation of two (2) 30-inch valves in an operational chilled water line. A complete automation system was installed to monitor and control process operations throughout the entire central plant.

