



Dielectric Provides Turnkey System for 100,000 kW Houston FM Station

October 12, 2004



Constructing a 100,000-watt FM radio station isn't easy. When the construction involves building a 2,000-foot tower, it is probably a good idea to bring in outside help. Cumulus Media chose Dielectric to handle turnkey design and construction of its new 2000-foot tower and associated transmission facility serving the Houston, Texas market.

The facility has two sets of transmission equipment and main and auxiliary antennas, providing a fully redundant system. The RF system includes Dielectric motorized coax switches and two 4-1/16-inch transmission lines. Dielectric is also supplying the dehydrator system for the lines, Flash Technologies brand high-intensity strobe lighting, and a monitoring system. Dielectric's Alarm Response Center will provide 24-hour a day monitoring services to Cumulus Media.

John Capasso, president of Dielectric Communications, commented, "We are proud to have been chosen by Cumulus Media for this landmark project. This will serve as yet another demonstration of our ability to offer our customers complete engineered and project managed systems safely, cost-effectively, and efficiently. Houston is the fourth-largest city in the United States, and this 100-kW broadcast system will enable Cumulus



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to expand its market reach dramatically, provide uninterrupted broadcasting services for both listeners and advertisers, and build a firm foundation for future implementation of digital radio broadcasting."

Gary Kline, Cumulus Media's Director of Engineering, said, "We have a long relationship with Dielectric, we know all of the company's key people, and we have confidence in their ability to design and build our new tower. Because Dielectric provides a broad team including design specialists, structural engineers, and tower experts, we're able to go to just one source to get the entire project completed efficiently and cost-effectively."

For more information, visit the [Dielectric Broadcast web site](#).

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