1990 NOVA AWARD WINNER

Mount Macdonald Tunnel Ventilation System

The Mount Macdonald Tunnel Ventilation System allowed a major increase in the volume of traffic over Canada's transcontinental rail line. The system is characterized by the partitioning of the tunnel with a system of multiple gates and variable pitch fans and dampers. These are interlocked in a pattern that automatically adjusts to train position and environmental conditions. The system is unmanned and operated under computer control.

Contact: Sam Levy
Organization: Parsons Brinkerhoff Quade & Douglas, Inc.
Address: 1 Penn Plaza
City: New York
State/Province: NY
Postal Code: 10119
Country: USA
Phone No: 212-465-5000
FAX: 212-465-5593
URL: http://www.pbworld.com
Email: