

Rural Alaskans Conserve Energy

(RACE) recently facilitated a lighting retrofit of the school in Tanana, a village 100 miles south of the Arctic Circle [Summer 1997 *Partner Update*]. Retrofits included replacing outdated lighting systems with high-efficiency units, installing motion sensors in bathrooms and replacing the gym's 400-watt mercury vapor lamps with 250-watt super metal halide lights. "We're seeing 60 percent more light with less energy use," said RACE Coordinator Bruce Tiedeman. "The superintendent said the lighting is so much better now people are asking if the school was repainted." The payback on the \$22,000 project is estimated at just one year thanks to the expected 30 percent savings.