

XCEL NUCLEAR ENERGY

SCOPE

TritoFlex 2K, an industrial-grade rubber membrane, has been applied to over 250,000 sf of roofs at Xcel's Prairie Island Nuclear Station in Minnesota.

The TritoFlex roof recover and repair system was used on multiple roof types, including Gravel BUR and EPDM.

CLIENT BENEFITS

- ▶ Non-toxic and sustainable
- ▶ Highly flexible and hail-resistant
- ▶ Withstands ponding indefinitely
- ▶ Resistant to harsh chemicals
- ▶ Non-disruptive and odor-free
- ▶ Seamless and self-terminating
- ▶ Reduces capital and maintenance costs
- ▶ Withstands sub-zero temperatures

PROTECTING YOUR POWER

Xcel Energy supplies electricity and natural gas to millions of customers across 8 states. Their Prairie Island nuclear plant is the largest carbon-free energy producer in Minnesota. Built in the early 1970's, roofs throughout the plant were heavily aged and causing disruptive leaks in many sensitive facilities. After receiving bids to re-roof, Xcel found Triton's alternative liquid-applied systems that would avoid disruption and high costs.

TritoFlex 2K is an industrial-grade, non-toxic rubber that is spray-applied to form a seamless, impermeable membrane with high elongation, tensile strength, and resistance to any climate's harshest elements and chemicals. It became the go-to solution for Xcel's roof replacement and repair needs. Triton products were specially engineered to last in these environments.

Roofs protecting the nuclear turbine facility, offices, warehouses, and the critical training center were recovered with TritoFlex 2K and finished with the renewable, reflective TritoCryl 2K white topcoat. Plant operators had been frustrated with costly, disruptive leaks for years. For the first time, they are happily leak-free after investing in protection with Triton's industrial roofing products.

