

DUQUESNE LIGHT COMPANY

PITTSBURGH, PA

SlipNOT® Steel Plates Installed as a Safety Retrofit for High Traffic Loading Ramps



THE SITUATION

In early January 2009 Duquesne Light, energy provider of nearly a half million customers in Southwestern Pennsylvania, contacted SlipNOT® Metal Safety Flooring because of an extremely slippery loading ramp at their facility. The existing ramp consisting of slick tread plate caused several "close calls." Duquesne Light wanted to prevent any close calls from becoming a dangerous reality. The four pieces of diamond plate were installed at the bottom of a high traffic pitched loading ramp where water gathered causing a slick walking surface.

THE SOLUTION

Duquesne Light, the leader in the Transmission and Distribution of Electric Energy in Pennsylvania and a Sales Associate of SlipNOT® Metal Safety Flooring worked together to find an effective safety solution for their loading ramp. The preliminary option was to send the four pieces of bare tread plate to SlipNOT® Metal Safety Flooring to apply their molten metal steel slip resistant surface. This would eliminate down time and guarantee uninterrupted access to the loading ramp. Upon further evaluation Duquesne Light and SlipNOT® Metal Safety Flooring determined that the best solution for their application would be to cut four custom pieces of A-36 Carbon Steel Plates to act as cover plates for their current tread plates. The cover plates were provided with 3/8" plug weld hole for easy installation on site.

THE IMPACT

Not only did the non slip steel plates retrofit snugly to their existing loading ramp made up of diamond plate, they also are providing extreme workplace safety and durability. The custom cover plates were easily installed and are eliminating the close calls occurring where the water gathered at the bottom of the loading ramp.