

Project Profile

HOPPER CAR RESTORATION

INDUSTRY	: Power Generation
CLIENT	: Salt River Project
DISTRIBUTOR	: Nukote Coating Systems
CONTRACTOR	: Nukote Coating Systems Affiliate
APPLICATOR	: Nukote Coating Systems Affiliate
PROJECT	: Hopper Car Restoration
LOCATION	: Arizona, United States
SYSTEM	: Nukote Metalprime II / Nukote ST
APPLICATION TYPE	: Carry Back Reduction Coating
COATED AREA	: 40 Hopper Cars 9,600m ²
COMPLETION	: April 2005



DESCRIPTION

Salt River Project's Navajo Generating Station transports coal by rail using a dedicated train which round-trips continuously as an integral part of the power plants operation. Historically these cars have had problems with carry back for a number of reasons adding costs and lowering productivity. The purpose of the application was to reduce carry back percentage and provide additional abrasion resistance extending the life of the cars. The application scope included steel substrate preparation by abrasive blast cleaning to an SA 2.5 anchor profile, followed by application of Nukote Metalprime II primer at 40 microns dft and Nukote ST Pure Polyurea at 2,000 microns dft with a non-broadcast surface texture. The project application was performed flawlessly with a completion rate of 1-car every two-days and resulted in excellent appearance and abrasion properties. This application method is common to rail cars transporting a variety of bulk products and is also common in heavy equipment used in mining and construction.

PDS

ISSUE DATE
15/11/2009

NUKOTE COATING SYSTEMS INTERNATIONAL LLC
2250 E TROPICANA AVENUE 19-621
LAS VEGAS, NEVADA 89119
USA

WWW.MCS-INTL.NET