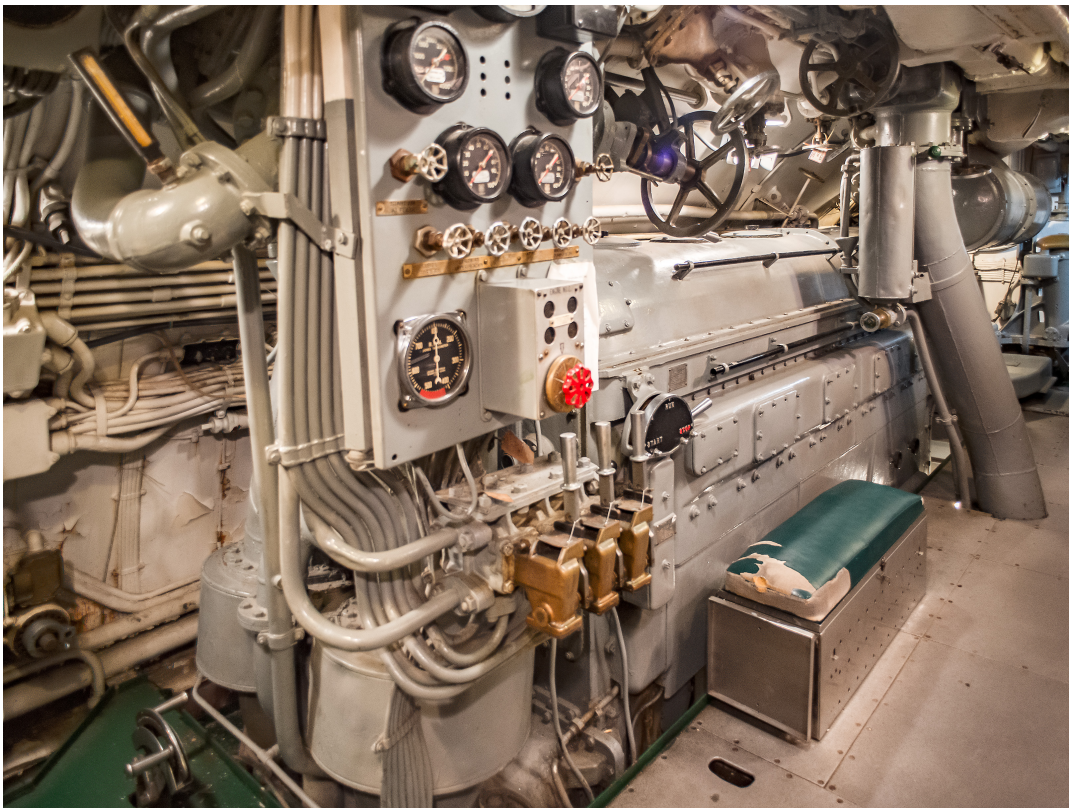


Rapid Catalyst Restoration for Municipal Power Plant



Client Overview

A municipal power generation facility in Southeastern Pennsylvania operates multiple Fairbanks Morse engines that rely on catalyst elements to maintain emissions compliance and performance.

The Challenge

Catalyst fouling reduced effectiveness and created risk of downtime and regulatory exposure. Fourteen catalyst elements across three engines required fast restoration within a narrow maintenance window.

Our Rapid Response

Our team personally picked up all contaminated catalyst elements on-site on a Friday. Each element underwent precision cleaning, controlled drying, and inspection before being returned within one week.

The Results

All 14 catalyst elements were fully restored and reinstalled within seven days, minimizing downtime and maintaining operational reliability across all three engines.

ROI & Cost Savings

The one-week turnaround reduced typical downtime by up to 75 percent. Capital replacement costs for catalyst elements were avoided, preserving maintenance budgets. Freight and logistics costs were eliminated through direct handling.

Why It Matters

Fast-response maintenance protects power reliability, regulatory compliance, and municipal budgets. This project demonstrates how rapid logistics combined with technical expertise deliver measurable financial impact.

“Before and after images highlighting the dramatic restoration of catalyst elements through precision cleaning.”



Impact Area		Outcome
Catalyst Elements Restored	14	
Engines Supported	3	
Turnaround Time	1 Week	
Downtime Avoided	Up to 75%	
Replacement Costs Avoided	Significant Capital Savings	

