

Case Study

Combustion Liners Developing Cracks

AUDITING YOUR FULL FLEET TO PINPOINT PARTS
THAT REQUIRE INSPECTION

Background

A large power plant owner/operator shares parts within the fleet of turbines they operate. They manage their parts information from a central location, however, the individual sites are responsible for maintenance and parts inventory.

It has just been discovered that combustion liners previously installed on a unit prone to acoustic events have developed severe cracks and must be modified, per an existing inspection and repair procedure, as soon as possible. All combustion liners that have operated in this unit must be inspected and repaired as needed.



The Solution

SPS' ORAP Parts-Trac® system was implemented by this company. By using the provided reports in the system, all combustion liners that have been installed in this unit over its lifetime are identified by serial number in less than a minute, including their current location. This enabled the owner/operator to specifically contact each site with an affected combustion liner and inform them of the need to have an inspection and repair plan.

**QUICKLY IDENTIFYING
AND REPAIRING
DAMAGED PARTS**