




CASE HISTORY SPOTLIGHT

Case History #438: Power Plant Boiler Layup



VpCI® SOLUTIONS FOR LONG-TERM PRESERVATION, LAYUP, & MOTHBALLING



Photo taken in June 2011 by power station staff. As can be seen, disc shows no corrosion after being in storage for two years.

CASE HISTORY

HRSG & Package Boiler Preservation

PROBLEM
A power station on the east coast of England was to be mothballed. The decision was made to preserve the Heat Recovery Steam Generator (HRSG) and two of the three package boilers, it was felt the third package boiler would never be brought back into service and therefore no point in preserving it.

APPLICATION
The two boilers that required preservation were treated with VpCI®-337. A low grade steel disc (provided by the power station) was hung in each boiler to be checked by the power station staff at the 12 month point for any signs of corrosion.

28 months later, in June 2011, it was decided that the third package boiler was to be treated. At the same time one of the previously treated package boilers was to be opened and its disc checked. As can be seen in the photo, the disc was still in the same condition as when it was fitted.

CONCLUSION
This Cortec® solution has resulted in the low cost preservation of these extremely high valued assets for the required two year period.

DATE
December 2009 and June 2011

DISTRIBUTOR
Lake Chemicals

CONTRACTOR
Hitel-nology Solutions

CUSTOMER
Anon

LOCATION
East Coast of England, United Kingdom

PRODUCTS
VpCI®-337

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Two package boilers were preserved using VpCI®-337 during the mothballing of a power plant in England. The power station provided a low-grade steel disc to hang in each boiler so the staff could check it for any signs of corrosion after one year. Eighteen months later, the power station decided to preserve a third package boiler that they had initially thought would never be brought back online again. They decided to check the corrosion coupon in one of the other two boilers at the same time and found it to still be in good condition. As a result, the power station was able to make use of a low-cost preservation method for protecting high value assets during two-year layup.

Read the full case history here: https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch438.pdf

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