



Condenser & Heat Exchanger Restoration

CASE HISTORY
NO. R1534 / R1617
APRIL / NOVEMBER 2007

CLIENT: BP – West Coast Products LLC
Cherry Point Refinery
Blaine, WA

UNITS:

- A) Fin-Fan Coolers (4)
118 tubes each, Carbon Steel
1" O.D. x 12 BWG x 32' long
- B) Effluent Exchanger
1281 tubes, Carbon Steel
3/4" O.D. x 13 BWG x 20' long

PROBLEM: Unknown condition of existing tubes.

SOLUTION: In total, BP ordered over 1600 CTI Full Length Tube Liners™ (316SS) on an expedited, premium basis just to have on "Stand-by" for a scheduled shutdown.

In each case, once the units were opened and inspected, the existing tubes were found to be in good condition and the Liner installation postponed/cancelled.