

#### IV - MAINTENANCE AND REPAIRS

##### WASHING OF THE BOILER ELEMENTS

###### a) General points

Combustion of fuel oil n° 2 causes the formation of deposits on the tubes exposed to the hot gases :

- cinders on the generator tubes, particularly in the combustion chamber,
- sulphate and vanadium derivative deposits on the superheater tubes,
- sulphate and soot deposits in the economizers, particularly in the low-temperature Green economizer.

The deposits on the superheater tubes can be removed by washing with hot water. The soot in the economizers can be recovered in part by vacuum cleaning or removed by washing.

###### b) Frequency of cleaning

The frequency of cleaning to be recommended cannot be laid down in any precise manner ; it depends on the percentage of impurities in the fuel, on the quality of combustion, on the effectiveness of fuel additives, etc...

It is recommended that washes be spaced out as much as possible, being carried out at the earliest after 3 000 hours of operation, but perhaps occurring only every 6 000 hours, provided that intermediate inspections of the elements prove satisfactory.