

responsible for observing the remote water level indicator and making sure that the correct water level is maintained in the boiler. When automatic feed water regulators of this type are installed, they must be kept in use at all times; it is not necessary, therefore, to have a checkman stationed at the feed check valve.

~~When the engineering officer of the watch has obtained permission from the officer of the deck, the fireroom will be instructed to blow tubes. The man in charge of the watch may operate the soot blowers himself, or he may supervise the messenger or the auxiliary man in this work. The checkman must NEVER be given this or any other duty to distract him from his job.~~

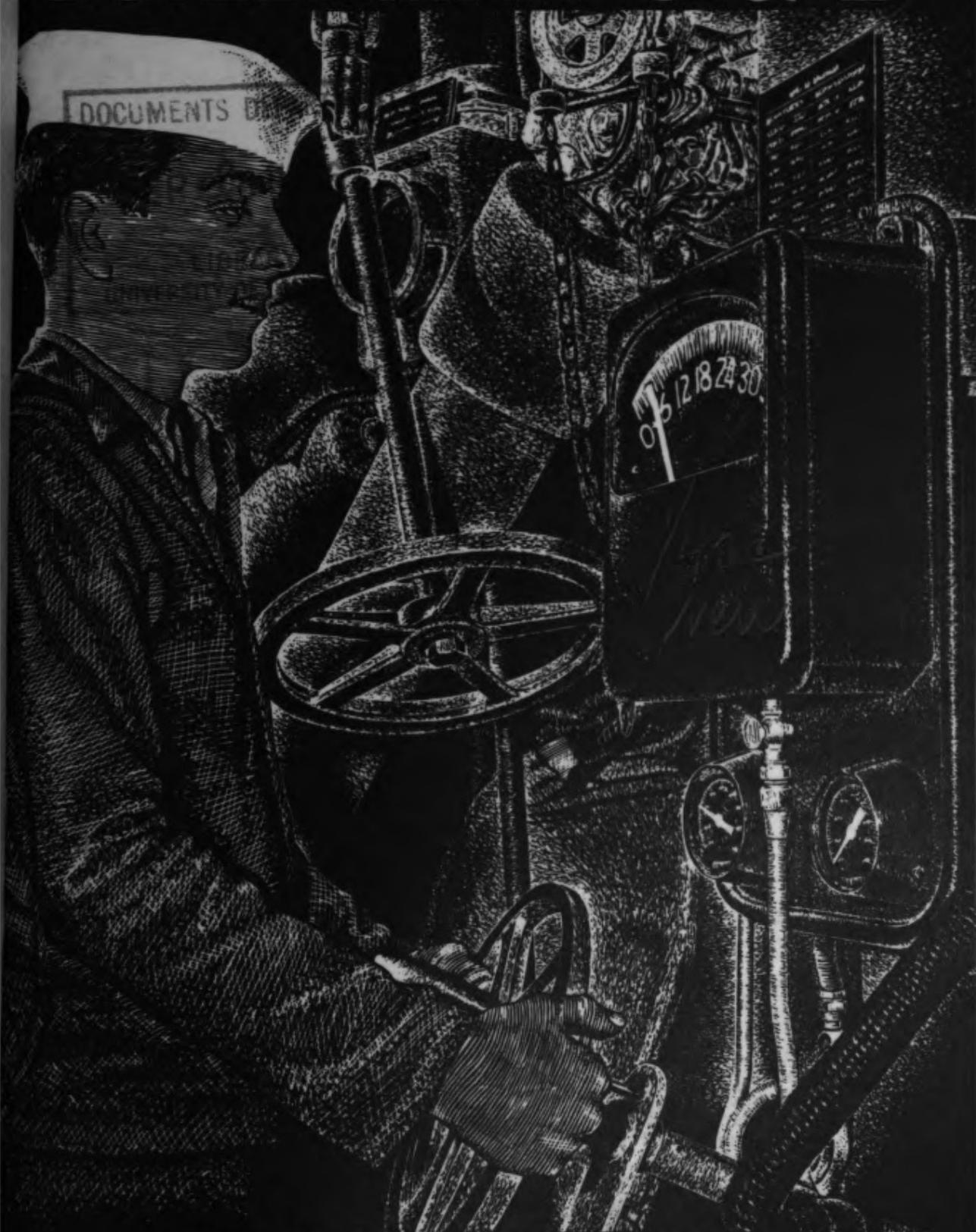
In blowing tubes, the steam lines to the soot blowers must first be warmed and drained. A drain hole in the soot blower valve allows constant drainage to the bilges while the soot blowers are in operation. Tubes must be blown in the proper sequence. Soot blowers should be used at least once a watch while under way, twice a day during in-port steaming, and just prior to securing a boiler. On controlled superheat boilers, tubes must NEVER be blown on the superheater side unless the superheater side is lighted off. When blowing tubes, the forced draft blower speed must be increased sufficiently so that all soot will be blown from the furnace and out the stack.

In order to perform his duties, the man in charge of the watch must know the correct procedures to be followed in lighting off, operating, and securing boilers; the methods of lining up, starting, operating, and securing all fireroom machinery; the correct procedure for keeping fireroom logs and records; the location of all machinery, lines, manifolds, valves, and other parts of the installation; the use of all fire-fighting equipment; and all fireroom safety precautions and casualty procedures.

Checkman

As checkman, you are responsible for operating the feed stop valve and the feed check valve. The stop valve is kept fully opened at all times while the boiler is steaming, and

BOILERMAN 3 & 2



NAVY TRAINING COURSES

NAVPERs 10535-C Original from
Digitized by Google UNIVERSITY OF CALIFORNIA