

THE BABCOCK & WILCOX COMPANY
POWER GENERATION GROUP

Reference 3

PRELIMINARY

10

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From

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BOILING CONDITIONS IN CORE

Date

APRIL 1, 1979

This letter to cover one customer and one subject only.

The following curve (and attached calculations) shows estimated time required to bring the water in the core to saturation temperature at 300, 600 and 1000 psia from its present 280°F energy level. This calculation assumes a no-flow condition with 161" of stagnant coolant available for heat transfer. A second calculation was made to determine additional time required to vaporize the coolant such that active fuel will be exposed to steam.

JAW/RLH:cmw
Attachment

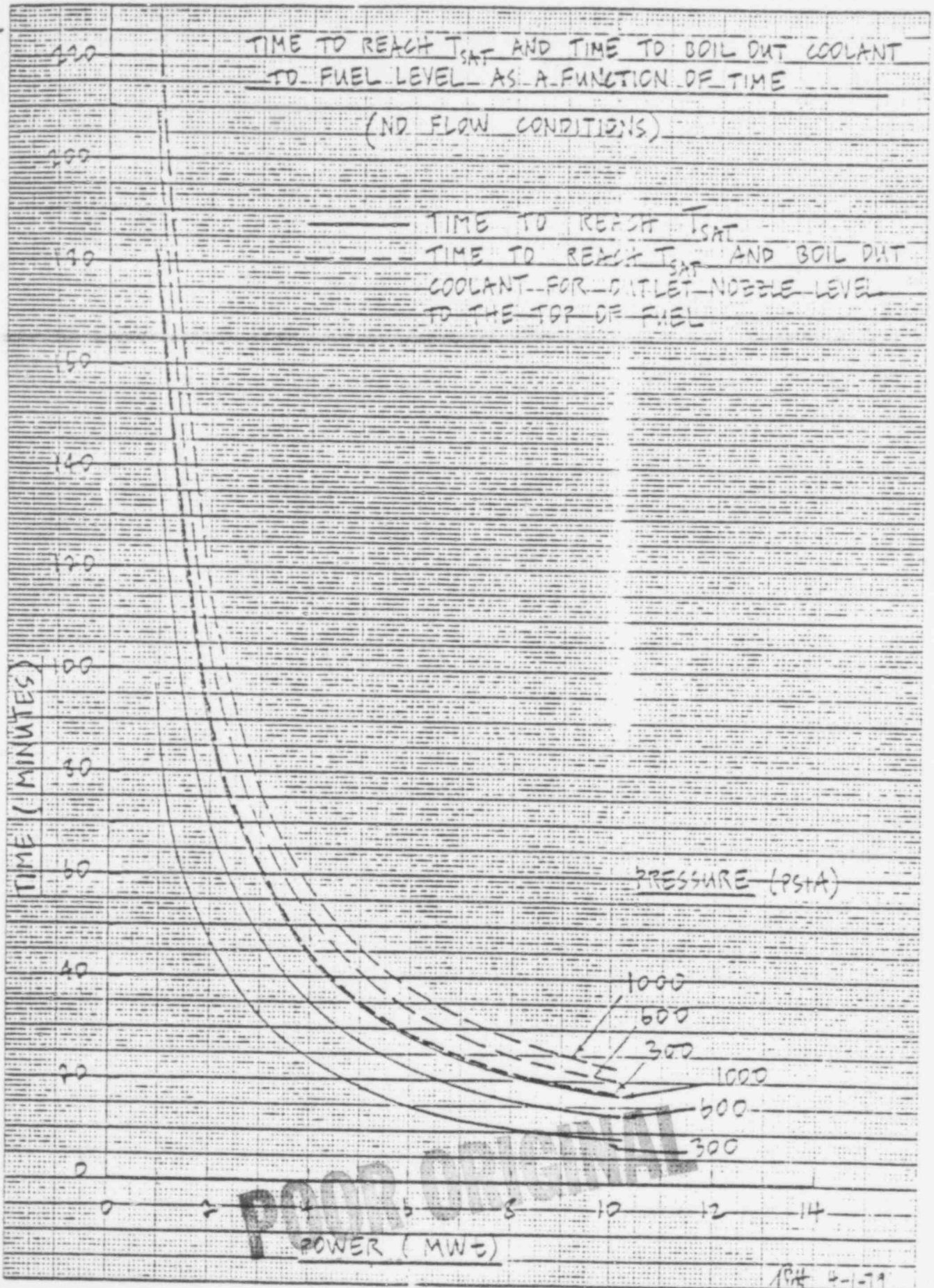
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