

WESTINGHOUSE ELECTRIC CORPORATION
ELECTRO-MECHANICAL DIVISION
CHESWICK, PENNSYLVANIA

MODEL 100 REACTOR COOLANT PUMP
PRESSURE BOUNDARY STRESS REPORT

S.O. E315

March 18, 1977

VOLUME I

ENGINEERING MEMORANDUM NO. 4932

by

S. A. Pantano

Revision 1 June 16, 1978

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REV. 1

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195 P

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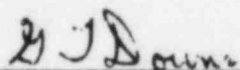
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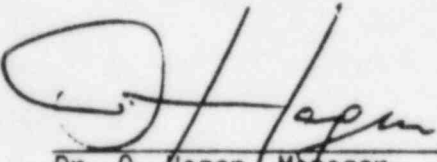
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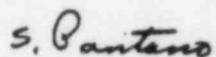


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ABSTRACT

This report evaluates the pressure boundary components of the Model 100 pump in respect to the ASME Code Section III criteria.

The conditions considered are:

1. Startup - Heatup
2. Steady State Operating
3. Shutdown - Cooldown

These, along with the specified design conditions and hydrostatic testing, are included in the evaluation.

This report will become part of a series of reports for the Model 100 pump. Forthcoming reports will pertain to the following: nozzles, support feet, heat exchangers, and auxiliary nozzles.

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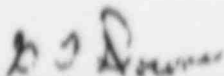
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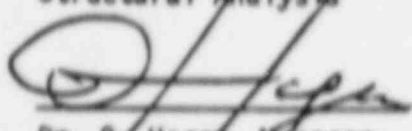

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