

Messrs. Bethlehem S.B. Co's Yard No.4327.

Electric Light Installation.

The Westinghouse Electric and Manufacturing Co.
request permission to omit trip switches on the emergency
governor of turbo generators.

It is considered this should not be allowed.

IT IS SUBMITTED the New York Surveyors be informed
the fitting of reverse current trips is not sufficient
justification for the omission of trip switches on the
emergency governors.

The conditions when the emergency governor acts
are that the turbine is running in a vacuum and is being
motored by the reverse current taken by the dynamo. The
effect of the compound (series) winding is to speed up
the set and owing to the low friction loss in the turbine
the reverse current trip will not operate but the set will go
on speeding up. Instances have occurred where sets have
run away under these conditions.

In these circumstances the application to
waive the rule cannot be conceded.

A cable should be sent accordingly.

Cable

[Signature]

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[Signature]
29th March, 1938.

Lloyd's Register
Foundation

W160-0155