

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]
Lr 3/3



[Signature]
29th March, 1938.

Lloyd's Register
Foundation

W160-0155