FILE NAME: Westinghouse (WH)

DATE: 1958 Feb 21

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DOCUMENT DESCRIPTION: Memo RE Field Application of Turbine Insulation for South Phila Plant

Conc

From: South Philadelphia Works

Date: 2/21/58

Steam Supervisors' Letter #58-10 Subject: FIELD APPLICATION OF TURBINE INSULATION
Mailing List 6-A

South Philadelphia standard Large Turbine insulation specification 600729, specifies that the inner layer of insulation, next to the metal surface to be insulated, must be a heat insulating block of bonded mineral wool resistant to water absorption, our material specification 7309-2.

Apparently, in some instances, substitutions have been made in the field such that a calcium silicate block, sold under the trade name of "Kaylo", has been substituted for the mineral wool block. This substitution cannot be tolerated, as calcium silicate blocks are greatly moisture absorbent and defeat the purpose of the insulation method prescribed by process specification 600729. In addition, no substitution can be made for blocks ordered to material 7309-1, which is a block made of diatomaceous earth, asbestos and other compounds.

On deliver and erect jobs the District should not permit the insulation contractor to make any substitutions in material specifications.

Service Department - T. B. Gettys, Asst. to Mgr.
pd

PLAINTIFF'S EXHIBIT WH-728

Inner layer insulation Mineral wool prof. over Kaylo

1958