Unit 2 Alstom Turbine 2/22/02

T1+T2 T3+T4
T13 couple imbalance B coupling

History

B coupling - area
note - temp offset on bearings

coupling runout - TIR Alstom TIR 8/10
4/10 radial

IP turbine - mid span run out
low speed balance
→ check IP couplings / leave weights

Alignment

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A coupling - make up outside shells
linebore
hydraulic coupling bolts
Continental
— Orvakia / SKF

new manit match mark couplings
→ weigh them

need B coupling - runout reads (need rotors continuously turned)
no heat (no bowing or hogging)
Keep rotors hand turned / or early ASAP

GE 27 mils T4 pull up T3 to get - fair alignment
then pull 27 mil shim out

Rule of Thumb Stole mils per 1 face open to bearing offset
-30' face open Stole mill

Alstom / T2 elevation than T3
normally not tilting pad bearing

incident Miller Station 4th board banding (subsynchronous) found 15/1000 bearing - oversized

Need rolldown info HP turbine
Criticals HP - 1900 coupled (3 mils) HP uncoupled - 2600-2800 rpm

1750 Alstom uncoupled
jacking - lifting oil also provides wedge press info

need Bearing temp

IP7011412