


EVENT ANALYSIS REPORT				
UNIT NO : 01	TPS : Khaperkheda TPS		Unit Capacity : 210 MW	
1. *HO Code :	Station Code : T003	Time - 19:45 Hrs	Date - 26/08/2016	No. of days from last sync. : 03 days
2. Operating conditions at the time of Event :-				
Load		Coal Cycles in service		Oil Support
160 MW		A, C, D, E & F		Nil
3. Nature of Event: T.A. Set tripped due to "stator water flow very low".				
4. Name of First Up , Main Protections & Protection on which GCB tripped : Generator Trip (First Up), Generator-Turbine-Boiler Trip, Turbine Trip Gear Operated, Generator Protection Operated, Generator Reverse Power Protection.				
5A) Observations : On dt. 26/08/2016 at 19:43 Hrs," Stator Water Flow Low" signal appeared at PCR. At 19:45 hrs Class-B LOCK OUT RELAY operated by protection initiated on "Stator Water Flow Very Low". Finally, Set tripped at 19:45 Hrs when the load was 160 MW with five coal cycle (B-standby) in Service.				
5 B) Remedial Action/work done : Stator water pump-B coupling bushes replaced with new ones.				
6. Root Cause Analysis: Stator water pump -B which was running, found decoupled. But the standby pump-A did not pick up due to its pressure switch (Stator Water Header Pressure) stuck-up. This was led to stator water flow very low, which resulted in tripping of set.				
6. Preventive action suggested (Short Term): Pressure switch (Stator Water Header Pressure) attended and auto pick up trial on low header pressure taken, found ok.				
8. Preventive action suggested (Long Term) :				
9. Similar event occurred last time:-	Unit No # 1, 210 MW	Time :	Date :	
Event: - No similar event found.				
9A. Implementation Status of Long Term/Short Term measures stated at Sr No 7 & 8 :-				
10. Boiler lighted up	Time - 20:07 Hrs	Date- 26/08/2016		
11. T-A Set Synchronized	Time - 22:56 Hrs	Date- 26/08/2016		
12. Remark:				
 Chief Engineer				
13. Recommendations of Works Section:				
1. Procurement/Replacement Plan:				
2. Operational Error:				
3. Delay in Maintenance:				
4. Delay in bringing back the Unit:				
5. Training of Staff:				
6. Whether remedial action is completed satisfactory & point is closed:				
C E/Dy C E (Works)				