


EVENT ANALYSIS REPORT				
UNIT NO : 02	TPS : Khaperkheda TPS		Unit Capacity : 210 MW	
1. *HO Code :	Station Code : T003	Time - 17:20 Hrs	Date - 21/10/2016	No. of days from last sync. : 5 days
2. Operating conditions at the time of Event :-				
Load		Coal Cycles in service		Oil Support
145 MW		A, C, D & F		AB x 2
3. Nature of Event : Set tripped due to F.D fan problem.				
4. Name of First Up , Main Protections & Protection on which GCB tripped : Both FD fans off [First Up], Turbine Tripped, Generator Reverse Power Relay Operated,				
5A) Observations : Set was sharing 145 MW load with four coal cycles (B and E standby) in service. "FD Fan A Off", "FD Fan B Off" indications appeared and both the fans were found tripped. Boiler tripped on "Both FD Fans Off" protection and GCB opened on reverse power protection.				
5B) Remedial Action/Work done: No work carried out.				
6. Root Cause Analysis : At 17:20 hrs. both FD Fans got off and ID Fan-B got off on interlock. No cause of FD Fans getting off could be traced out. All interlock circuits & breakers checked. No abnormalities observed. As such the tripping of unit appears to be spurious one.				
7. Preventive action suggested (Short Term) : As per the event log generated, both FD fans off found as normal off command. Hence, no corrective action could be suggested.				
8. Preventive action suggested (Long Term) :-				
9. Similar event occurred last time:-		Unit No # 2 , 210 MW	Time : Hrs	Date:
Event: No similar event found. Remedial Actions :-				
9A. Implementation Status of Long Term/Short Term measures stated at Sr. No 7 & 8 :-				
10. Boiler lighted up		Time - 18:55 Hrs	Date - 21/10/2016	
11. T-A Set Synchronized		Time - 21:20 Hrs	Date - 21/10/2016	
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)				