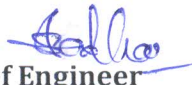


EVENT ANALYSIS REPORT				
UNIT NO : 04	TPS : Khaperkheda TPS		Unit Capacity : 210 MW	
1. *HO Code :	Station Code : T003	Time - 03:45 Hrs	Date - 21/03/2016	No. of days from last sync. : 0 days
2. Operating conditions at the time of Event :-				
Load 60 MW		Coal Cycles in service A, C & D		Oil Support AB & CD elevation
3. Nature of Event: TA set emergency tripped due to HPCV-2 problem.				
4. Name of First Up , Main Protections & Protection on which GCB tripped : Hand Tripped. (First Up) Turbine Tripped, Gen-Protection Operated, MFT Operated.				
5 A) Observations: - At 03:08 Hrs on Dt 21/03/2016 set was synchronized. At 03:30 Hrs set was on load at 60 MW with coal cycles A, C & D in service with oil support at AB & CD elevations. While increasing the load it was not possible to further increase the load due to hunting in HPCV-2. Hence set was hand tripped at 03:45 Hrs on date 21/03/2016 in order to identify and attend the related problem.				
5 B) Remedial Action/work done: - (1) Both HP stop valves checked and correction made in coupling in hydraulic motor & valves. (2) Cam holding bolt of HPCV-2 found loose due to displacement of its locking nut. The locking nut found fell down due to very high vibrations. A fresh locking nut provided to cam holding bolt. Also, turbine governing characteristics taken in EHC mode and found ok.				
6. Root Cause Analysis: - HPCV-2 found having erratic behavior due to loosening of its cam holding bolt. This led to hunting in HPCV-2 due to which it was not possible to increase steam flow for increasing the load.				
7. Preventive action suggested (Short Term) :-				
8. Preventive action suggested (Long Term) :-				
9. Similar event occurred last time:-	Unit No # 4 , 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 - 22:50 Hrs	Date- 21/03/2016		
11. T-A Set Synchronized	Time - 02:46 Hrs	Date- 21/03/2016		
12. Remark: - Bottom ash seal trough leakages attended.				
 <b>Chief Engineer</b>				
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)				