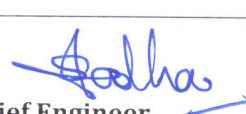


EVENT ANALYSIS REPORT

UNIT NO : 03	TPS : Khaperkheda TPS		Unit Capacity : 210 MW	
1. *HO Code :	Station Code : T003	Time - 14:15 Hrs	Date - 03/04/2015	No. of Days from last sync. : 13 days
2. Operating conditions at the time of Event :-				
Load	Coal Cycles in service		Oil Support	
60 MW	B		AB & CD	
3. Nature of Event: T.G. Set hand tripped on Loss of all fuel as sudden jerk occurred in Electrical system from GCR				
4. Name of First Up , Main Protections & Protection on which GCB tripped : Loss of all fuel (First Up) , MFT Operated , Trip gear operated, GCB opened on RPP.				
5A) Observations: Grid disturbance on 220 KV line at 13:58 Hrs resulting in tripping of C, E & F coal cycle & only coal cycle B was in service. But with coal c/c B steam parameters were not getting maintained to normal level & steam temp. dropped to 470 ^o c, so unit hand tripped.				
5B) Remedial Action/work done :- EM: Electrical supply Board normalized from our end.				
6. Root Cause Analysis: TIC: 1. At 13:58 hrs on electrical fault , a new khaparkheda 220 KV ckt-II breaker was autoreclosed, at that time a voltage dip observed on plant electrical system. 2. During voltage dip, 6.6 KV voltage of 3CA Unit Board and Station Board dropped below 80 % for 2 seconds .Due to this CM C, E, F along with other motor feeder tripped on U/V protection and Unit was hand tripped.				
7. Preventive action suggested (Short Term):-				
8. Preventive action suggested (Long Term) :-				
9. Similar event occurred last time:-	U - 3, 210 MW	Time- 18:18 Hrs	Date: 24-03-14	
Event: TA Set Tripped on "Heavy Jerk on Bus-I causing both ID Fan OFF Protection". Remedial Actions: :- TIC: UPS Problem was attended and both were taken into service.				
9A. Implementation Status of Long Term/Short Term measures stated at Sr. No 7 & 8 :-				
10. Boiler lighted up	Time - 14:47 Hrs	Date- 03/04/2015		
11. T-A Set Synchronized	Time - 17:40 Hrs	Date- 03/04/2015		
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)				