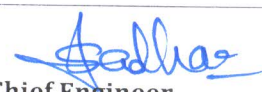


EVENT ANALYSIS REPORT				
UNIT NO : 01	TPS : Khaperkheda TPS		Unit Capacity : 210 MW	
1. *HO Code :	Station Code : T003	Time - 01:13 Hrs	Date - 23/06/2015	No. of days from last sync. : 15 days
2. Operating conditions at the time of Event :-				
Load 50 MW		Coal Cycles in service A	Oil Support Nil	
3. Nature of Event: T.A. Set withdrawn to avoid Heavy Fuel Oil Cons. as C/m-B,C,D N/A due to PA Fan Problems & Boiler Steaming Validity expired on 01-07-15.				
4. Name of First Up , Main Protections & Protection on which GCB tripped : Flame Failure (First Up), Turbine Trip, Turbine trip gear operated, Gen. Prot. Operated, GCB opened on RPP				
5A) Observations :- T.A. Set withdrawn at 01:13 Hrs on 23-06-15 to avoid Heavy Fuel Oil Cons. as C/m-B,C,D N/A due to PA Fan Problems & Boiler Steaming Validity was expired on 01-07-15.				
5 B) Remedial Action/work done :- BM:1> Set was withdrawn on 23-06-15 to carry out Preparatory work for Statutory Hydraulic Test carried out on 26-06-15 2> PA fan 1C Impeller refitting & 1D Impeller replaced. DE & NDE bearing replaced for both Fan. 3> PA Fan 1A, 1B, 1E & 1F bearing inspection / replacement carried out. 4> Installation & commissioning of Lub Oil System for PA Fan 1B & 1D carried out. EM: PA Fan 1F Motor DE / NDE Bearing / Housing replaced. PA Fan 1C motor decoupled & trial taken TM: Governing characteristics taken & LP Bypass opening trial taken. TIC: Routine maintenance work carried out.				
6. Root Cause Analysis: - Boiler Steaming Validity Extension as steaming validity was expired on 01-07-15.				
7. Preventive action suggested (Short Term):-				
8. Preventive action suggested (Long Term) :-				
9. Similar event occurred last time:-		Unit No # 1, 210MW	Time : 03:26 Hrs	Date: 11/05/12
Event: - : T.A. Set tripped on "Flame Failure" & shutdown extended due to "Coal Shortage ,Coal Mill Maint. Works & Saving of Oil". Remedial Actions : TM: Work related to Short Shutdown was carried out. Separate Sheet is attached. BM: 1> C/m-1A -> Preventive Maint., Mechanical face Seal servicing & Gear Box oil filtration. 2> C/m-1D -> Preventive Maint. & Gear Box oil filtration. 3> C/m-1E -> Preventive Maint., Mechanical face Seal servicing & Gear Box oil filtration. 4> C/m-1F -> Preventive Maint. & Gear Box oil replacement. EM: C/c-1F, AC Scanner, Motor, AVR Filter cleaning, Seal Air Fan Motor (A,B,C) Preventive Maint. were carried out.				
9A. Implementation Status of Long Term/Short Term measures stated at Sr No 7 & 8 :-				
10. Boiler lighted up		Time - 04:15 Hrs	Date- 27/06/2015	
11. T-A Set Synchronised		Time - 10:19 Hrs	Date- 27/06/2015	
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)				