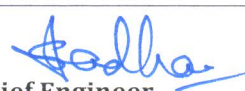


EVENT ANALYSIS REPORT				
UNIT NO : 01	TPS : Khaperkheda TPS		Unit Capacity : 210 MW	
1. *HO Code :	Station Code : T003	Time - 00:55 Hrs	Date - 06/06/2015	No. of days from last sync. : 39 days
2. Operating conditions at the time of Event :-				
Load		Coal Cycles in service		Oil Support
40 MW		B		AB-2
3. Nature of Event: T.A. Set withdrawn due to hunting in A/H-1B motor current & vibration in A/H-1B gear box.				
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5A) Observations :- TA set withdrawn at 00:55 hours on 6/6/15 for A/H-1B work (hunting in motor current from 9 to 14 Amp)				
Delay :- LP Bypass control valves not open, hence delayed for synchronization (Delay from 2:30 to 6:40 Hrs)				
5 B) Remedial Action/work done :-				
BM: By pass seal (2 Nos.) found its edge twisted and rubbing with cold end T bar. Both seal removed and replaced by new seal. Other allied checking done and found normal. A/H-1B trial taken and found normal. Detailed work report of A/H-1B is attached in separate sheet.				
TM: All oil lines of LP Bypass station checked, system found air locked so flanges of filter line, valves removed and air removed. Oil flow establish and taken into operation. After tripping, LP Bypass system checking and trial taken for operation of LP Bypass Valve.				
TIC: Routine maintenance work carried out.				
6. Root Cause Analysis: - Twisted Bypass seal rubbing with cold end T bar might be the root cause of vibration and hunting in motor current.				
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 Hand tripped due to Air heater B stopping.				
7. Remedial Actions :				
B.M :- The channel Box size 100 mm provided as bracing at Flue gas Inlet above GD-1B is removed manually from Manhole doors. All other sectors also checked .Fluid Coupling replaced by new as old were found jammed and leakage at seal end.				
EM :- No work has been done regarding Auxiliary Failure. However, Air Heater A.C motor greasing done. D.C. Motor Fuse Blown Off and it is replaced. Other Preventive Maintenance carried out of BFP-1A,1C Stator Water 1A/1B Seal air Fan A,B,C done.				
T.M:- LPBP Governing system pressure switch replaced with spare.				
TIC:- No specific work carried out.				
9A. Implementation Status of Long Term/Short Term measures stated at Sr No 7 & 8 :-				
10. Boiler lighted up		Time - 22:25 Hrs	Date- 06/06/2015	
11. T-A Set Synchronised		Time - 08:18 Hrs	Date- 07/06/2015	
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)				