


EVENT ANALYSIS REPORT				
UNIT NO : 04	TPS : Khaperkheda TPS		Unit Capacity : 210 MW	
1. *HO Code :	Station Code : T003	Time - 17:26 Hrs	Date - 15/10/2015	No. of days from last sync. : 09 days
2. Operating conditions at the time of Event :-				
Load 150 MW		Coal Cycles in service A,B,C,D&F		Oil Support NIL
3. Nature of Event : Unit withdrawn to replace gland box sheared-off bolt at LPT.				
4. Name of First Up , Main Protections & Protection on which GCB tripped : Generator Protection Operated, Turbine Tripped, Generator Class A Trip.				
5 A) Observations:- (1) LPT rear gland box, one bolt found sheared off partially at 14:18 hrs on dt.15/10/2015 (2) Abnormal sound observed at bearing No. 6. To avoid any further damage unit withdrawn at 17:26 hrs. (3) Oil seepage observed and pedestal concrete structure found damaged.				
5 B) Remedial Action/work done: - One gland box bolt replaced on date 16/10/2015.				
6. Root Cause Analysis :- LPT rear gland box bolts damaged due to high vibrations.				
7. Preventive action suggested (Short Term) :-				
8. Preventive action suggested (Long Term) :- BHEL has recommended Long Term Action Plan.				
9. Similar event occurred last time:-		Unit No # 4 , 210MW	Time : 13:10 Hrs	Date: 16/08/2015
Event :Unit withdrawn to replace gland box sheared-off bolts at LPT.				
Remedial Actions : - 1) LPT gland box bolts replacement & centering carried out. (2) Brg. No 2 & 4 inspection carried out. (3) Barring gear motor both bearings replaced with new ones. (4) JOP hose replaced at Brg. No.2.				
9A. Implementation Status of Long Term/Short Term measures stated at Sr No 7 & 8 :-				
10. Boiler lighted up		Time - 19:14 Hrs	Date- 17/10/2015	
11. T-A Set Synchronized		Time - 00:26 Hrs	Date- 18/10/2015	
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)				