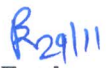


EVENT ANALYSIS REPORT

UNIT NO : 01		TPS : Khaperkheda TPS		Unit Capacity : 210 MW	
1. *HO Code :	Station Code : T003	Time - 20:58 Hrs	Date - 04/11/2016	No. of days from last sync. : 0 days	
2. Operating conditions at the time of Event :-					
Load		Coal Cycles in service		Oil Support	
53 MW		B, C & D		CD x 4	
3. Nature of Event : T.A. Set tripped on "Generator Stator Earth Fault (95%)" protection.					
4. Name of First Up , Main Protections & Protection on which GCB tripped : Generator Stator Earth Fault (95%) (First Up) , Generator Tripped, Generator to Turbine Trip.					
5A) Observations : T.A. set was on load at 53 MW with B, C & D coal cycles in service. Suddenly, Class-A lock out relay & Class-C lock out relay operated and generator tripped on "Generator Stator Earth Fault (95%)" Protection, which resulted in set tripping at 20.58 hrs on dt. 04.11.16.					
5B) Remedial Action/work done : 95% stator earth fault relay operation checked and found ok. Further 'B' phase condenser arrestor replaced with new one. Also, generator PT cubicle replaced.					
6. Root Cause Analysis : Bus PT cubicle surge arrestor (condenser) checked, 'B' phase leakage current was found on higher side as compared to R & Y phase capacitors.					
7. Preventive action suggested (Short Term)					
8. Preventive action suggested (Long Term) : Leakage current of Bus PT surge capacitors will be taken during AOH or the next available opportunity. The relevant data will be monitored.					
9. Similar event occurred last time:-		Unit No # 1, 210 MW	Time :	Date :	
Event:- No similar event found.					
9A. Implementation Status of Long Term/Short Term measures stated at Sr No 7 & 8 :-					
10. Boiler lighted up		Time - 05:25 Hrs		Date- 05/11/2016	
11. T-A Set Synchronized		Time - 07:53 Hrs		Date- 05/11/2016	
12. Remark :					
<p align="right">  Chief Engineer </p>					
13. Recommendations of Works Section:					
1. Procurment/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)					