UNIT NO: 04		EVENT ANA	LYSIS REPORT			
The second secon	TPS: Khaperkheda	da TPS Unit Capacity : 210 MW				
1. *HO Code :	Station Code: T003	Time -15:38 Hrs	Date - 19/11/201	6 No. of days from	last sync. : 14 days	
2. Operating con	nditions at the time of					
Load		Coal Cycles in service		Oi	Oil Support	
80 MW		C & D			NIL	
	nt: T. A. set forced withd			IS extended steam co	ooled walls.	
	Up , Main Protections & (First Up), MFT Operate			ar Operated.		
& no oil sup 42.8 mtr le reducing lo	ns: On dt. 19/11/16 at 1 oport. DM make up foun vel. After confirmation of ad in order to withdraw cle – C & D in service. GO	d increased to 81 To of boiler tube leaka of the set. Finally, se	ΓPH and also abnor ge, coal mills-A, Ε & t was withdrawn a	mal sound was notic & B were withdrawn t 15:38 Hrs. when th	ed near LRSB -75 at one by one for	
Secondary 1) RHS Ext 2) RHS stea 3) SH. Scre Work Carri 1) Replace 2) Replace 3) Replace	ended Steam cooled wal am cooled wall tube no. 1 en tube no. 98 found put ed Out – ment of SH screen tube 1 ment of RHS Extended S ment of RHS SCW tube n	Il tube no.2 found p I found punctured nctured and tube n No.97 & 98. CW tube No. 1, 2, 3 no.1&2.	ounctured and tube tube no. 2 found er no.97 found eroded	no.3, 4 & 5 are foun		
Total No.	of HP weld joints = 20	NOS.				
6. Root Cause Ar	nalysis: Thermal vibration cooled wall is the roo	ion fatigue resulted	d into cracks develo	oped near fin of tube	no. 1 of RHS	
6. Root Cause An extended stea	nalysis: Thermal vibrat	ion fatigue resulted t cause of failure.	d into cracks develo	pped near fin of tube	no. 1 of RHS	
6. Root Cause An extended stea 7. Preventive ac 8. Preventive ac (1) Erosion pr	nalysis: Thermal vibration cooled wall is the roo	ion fatigue resulted t cause of failure. rm): rm):	rea will be carried	out during forthcom	ing AOH of Unit No. 4	
6. Root Cause An extended stea 7. Preventive ac 8. Preventive ac (1) Erosion pr (2) D.P test of	nalysis: Thermal vibration cooled wall is the rootion suggested (Short Testion suggested (Long Testrofile mapping & CAVT a	ion fatigue resulted t cause of failure. rm): rm): t SH screen tube a nts attachment we	rea will be carried	out during forthcom	ing AOH of Unit No. 4	
6. Root Cause An extended stea 7. Preventive ac 8. Preventive ac (1) Erosion pr (2) D.P test of 9. Similar event Event: T.A. Se Remedial Acti & intermediat	nalysis: Thermal vibration cooled wall is the rootion suggested (Short Testion suggested (Long Terrofile mapping & CAVT at pressure part compone occurred last time: et forced withdrawn due ons: Economiser upper te header.	ion fatigue resulted t cause of failure. rm): tt SH screen tube a nts attachment we Unit Note to Boiler tube leal bank coil no. 123 p	rea will be carried elds will be carried o # 4 , 210 MW kage. blugged by welding	out during forthcomout during forthcom Time: 17:40 hrs. hemispherical spool	ing AOH of Unit No. 4 ing AOH of Unit No.4 Date: 08/12/2015	
6. Root Cause An extended stea 7. Preventive ac 8. Preventive ac (1) Erosion pr (2) D.P test of 9. Similar event Event: T.A. Se Remedial Acti & intermediat 9A. Implementa	nalysis: Thermal vibration cooled wall is the rootion suggested (Short Testion suggested (Long Testion Status of Long Testion suggested (Long Testion	ion fatigue resulted t cause of failure. rm): tt SH screen tube a nts attachment we Unit Note to Boiler tube leal bank coil no. 123 p	rea will be carried elds will be carried o # 4 , 210 MW kage. blugged by welding	out during forthcomout during forthcom Time: 17:40 hrs. hemispherical spool	ing AOH of Unit No. 4 ing AOH of Unit No.4 Date: 08/12/2015 at Economiser inlet	
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