		EVENT	ANALYSIS R	EPOR'	Т			
UNIT NO: 01	TPS: Khaperkh			Unit Capacity: 210 MW				
1. *HO Code	Station Code : T003		Time – 03:23 Hrs		Date - 09/2016	No. of	days from last sync. : 9 days	
2. Operating cond	itions at the time							
Load		Coal Cycles in service		vice		Oil Support		
81 MW 3. Nature of Event: Set withdrawn du		A & B			Nil			
							7-Z elevation.	
Hand Tripped (F Turbine Trip Gea	p, Main Protection First Up), Generator I ar Operated, Generato	Protection or Rever	on Operated, se Power Rel	Manua ay.	ıl Turbine T	rip,		
transition panel service. Coal cyclifire. Coal pipes C taken in service. At 03:00 hrs or service. To without set hand tripped	le-1B was withdrawn 2 & B2, both were duat 2:28 hrs on dt.05/0 dt.05/09/2016 the draw the set, load wat 03:23 hrs. on dt.0	l at CD-2 n at 22:1! nmmied l 09.2016. set was s s reduce 5/09/20	corner. The some take but still the firm the fir	set was en bac re was AW loa y with d was	s on load with in service persisting. Ind with five drawing compared to the service of the serv	at 24:00 Subsequenced coal cycles a coal cycles	oal cycles (C – S/by) in hrs after checking for uently, coal cycle-1C les (C/M-1E –S/by) in sone by one. Finally, cle A & B in service.	
Total 25 Nos. co cables, igniter t CD-2 oil gun ass	sembly also replaced	carried o les repla with nev	ut. Also, burr ced with new w one.	t air re ones.	egulator, so C2 coal con	lenoid, l npartme	ort assembly replaced.	
6. Root Cause An compartment C	alysis : Clinker accur 2 assembly due to re	mulation eclaimed	at coal burn coal led to t	er tip a ne fire	ind coal noz incidence.	zle casti	ng of coal	
(1) Proper contro	on suggested (Short ol will be exercised o ping will be done mo	n coal ha	aving high sil	ca con	tent to avo	id slag d night.	eposition.	
8. Preventive acti	on suggested (Long	Term):	Eyelid open	ngs at	side panel	of coal n	ozzle compartment	
9A. Similar event occurred last time:7		Unit No # 1, 210 M		IW	W Time:		Date:	
Event: - No sim	ilar event found.							
9B. Implementati	on Status of Long T	erm/Sh	ort Term me	asure	s stated at	Sr No 7	&8:-	
10. Boiler lighted up		Time - 16:30					ce- 09/09/2016	
11. T-A Set Synchronized		Time - 20:5					ce- 09/09/2016	
12. Remark:	II OMAZOU		a.					
							Relio	
7	9					C	hief Engineer	
13. Recommendati	ons of Works Section	:	10.3	i.			V y	
1. Procurement/Re			6	8			**	
2. Operational Erro			1.					
3. Delay in Mainter 4. Delay in bringing								
5. Training of Staff							Ÿ	
	al action is complete	d satisfa	ctory & point	is clos	ed:		N.	
						C E/D	y C E (Works)	



MAHARASHTRA STATE POWER GENERATION CO. LTD. KHAPERKHEDA THERMAL POWER STATION

(ISO 9001:2008, ISO 14001:2004 & ISO 18001:2007)

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Reg. No. U-40100 MH 2005 PLC 153648

"Incidence Report of Unit-1 Outage" on dtd. 05.09.2016

210 MW Khaperkheda Unit-1 withdraw at 03.23 hrs. on dt. 05.09.16 as high intense flame was coming out from transition panel and water wall panel at CD-2 of corner no. 2 of boiler.

After detail inspection by BM-I is as below.

- 1) Erection sky climber for corner no. 2 burner inspection.
- 2) Replacement of C2 coal burner.
- 3) Checking of B2 & D2 coal burner assembly.
- 4) Replacement of side inner panels of BC2, C2 & CD2.
- 5) Replacement of CD2 oil gun and oil bucket.
- 6) Fabrication of compartment plates of C2, CD2 & BC2.
- 7) Alignment of burner tilt mechanism.
- 8) Hydraulic test taken at 150 Kg./cm².
- 9) Replacement of oil gun, scanner & igniter guide pipes.

Above work is completed at 16.00 hrs. on 09.09.16 and Unit-1 boiler lighted up process is in process.

-Sd-Chief Engineer MSPGCL, TPS Khaperkheda