

w.e.f. April-2007 to Dec-2007

BREAK DOWN DETAILS OF WHR BOILER # 1

S.NO.	DATE	FROM	TO	S/D HOURS	REASON	REMARKS
1	1-May-2007	12 night	8.45pm	470 ⁰ 45'	Convection Zone Tubes Replacement.	There is an increase in the flue gas velocity due to poor quality of Coal and High Ash Content in Coal. This increase in flue gas velocity and high particulate matter results in higher rate of erosion of Convection Zone Tubes. Hence Tubes need replacement after 5-6 years which is normally done after 7 - 8 years.
2	3-Sep-2007	7.35pm	7.35am	12 ⁰ 00'	Economiser Tube Leakage.	Due to poor quality of Coal and High Ash Content in Coal, the flue gas velocity increases. This increase in flue gas velocity and high particulate matter in flue gas results in higher rate of erosion of Economiser Tubes. Hence results in weakening of the Tubes and ultimately leakage of the tubes.

BREAK DOWN DETAILS OF WHR BOILER # 2

S.NO.	DATE	FROM	TO	S/D HOURS	REASON	REMARKS
1	7-Aug-2007	9.35pm		478 ⁰ 15'	Radiation Zone Panel replacement.	Poor quality of Coal, High Ash Content in Coal causes fouling on the Radiation Zone Panel Tubes. This results in low Heat Transfer, consequently deterioration of the Radiation Zone Panel Tubes which needs to be replaced after 5 - 6 years which is normally done after 10 years.
2	28-Nov-2007			11 ⁰ 00'	Economiser Tube Leakage.	Due to poor quality of Coal and High Ash Content in Coal, the flue gas velocity increases. This increase in flue gas velocity and high particulate matter in flue gas results in higher rate of erosion of Economiser Tubes. Hence results in weakening of the Tubes and ultimately leakage of the tubes.
3	13-Dec-2007			3 ⁰ 00'	Radiation header leakage	

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30/11/2008
(Rajesh Kumar)