BOILER TUBE FAILURE REPORT (C-2 FORM)

(C-2 FORM SHOULD BE SENT WITHIN 12 HOURS OF SYNCHRONISATION)

1) STATION:	NTPL	**2) UNIT No.**		II	**3) LAST UNIT OUTAGE**		Apr-21	**4) LAST UNIT O/H**	Nov-21
5) UNIT SHUTDOWN FROM	31	08	22	16	18	**9) OUTAGE HOURS**	36		18
6) WATER FILLING CLEARANCE	01	09	22	22	35	**(ONLY DUE TO BTF)**	**hh**		**mm**
7) CLEARANCE FOR LIGHTUP	02	09	22	00	15	**10) GENERATION LOSS**			
(AFTER REPAIR OF BTF)	**dd**	**mm**	**yy**	**hh**	**mm**	**(ONLY DUE TO BTF)**			**MUS**
8) UNIT SYNCHRONISED AT	02	09	22	04	36				
11) BTF INSPECTED BY	**dd**	**mm**	**yy**	**hh**	**mm**				
BTF COMMITTEE HEAD				**MTP**			**FQA**		
CHEMISTRY				**OPERATION**			**O&C**		

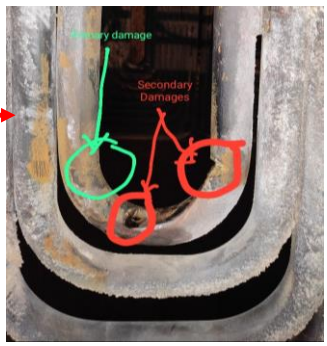
BOILER TUBE FAILURE LOCATION

12) FAILED TUBE LOCATION MARKED ON UNIT MATERIAL DIAGRAM AND BOILER GENERAL ARRANGEMENT DRAWING (CLEARLY IDENTIFYING TUBE NO., COIL NO., TUBE DIMENSION, TUBE MATERIAL AND X,Y,Z COORDINATES)

Tube Dimension D44.5x7.1mm; T22, Divisional Panellette Superheater Coil 3, Circuit 9, Elevation - 56 Mtr Level

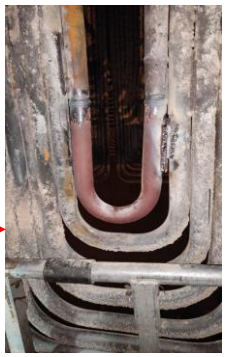
DESCRIPTION OF BOILER FAILED TUBES

13) PHOTOGRAPHS OF LOCATION OF FAILURE BEFORE START OF REPAIR WORK



14) PHOTOGRAPHS OF PRIMARY FAILED TUBE

15) PHOTOGRAPHS OF REPAIRED LOCATION AFTER RESTORATION WORK



16) DETAILS OF REPAIR WORK (SPECIFY JOINT DETAILS, COIL NO./ TUBE NO. & RESTORATION WORK)

Divisional Panellette Superheater

Replacement of Bend Piece in Divisional Panellette Supeheater Coil 3
No of Spools Replaced - 1; No. of Joints welded - 2

17) DETAILS OF INSPECTION OF ADJACENT AND IDENTICAL LOCATIONS

Physical inspection of adjacent coils for signs of erosion/steam impingement. No abnormalities observed.

18) HISTORY OF WORK IN FAILED TUBE/COIL/LOCATION IN PAST FIVE YEARS

	HISTORY OF WORK (DETAILS OF WORK DONE IN THE AREA/COIL			
YEAR	**LOCATION**	**Tube/Coil No.**	**No. OF TUBES REPLACED**	**NATURE OF FAILURE & WORK**
	NIL			

19) REMARKS

20) STATION OBSERVATION W.R.T. CAUSE OF TUBE FAILURE

Suspected Bend stress of Tube. Tube to be sent for metal analysis.

COPY TO:

1) DISPLAY IN UCB
2) GM/O&M
3) HOD (OS-BOILER)

(SIGNATURE OF BTF HEAD)

NAME:
DESIGNATION:
DATE: