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**	Aug-22	**4) LAST UNIT O/H**	Nov-21
5) UNIT SHUTDOWN FROM	13	12	22	15	28	**9) OUTAGE HOURS**	63	00
6) WATER FILLING CLEARANCE	16	12	22	04	00	**(ONLY DUE TO BTF)**	hh	mm
7) CLEARANCE FOR LIGHTUP	16	12	22	06	30	**10) GENERATION LOSS**	
(AFTER REPAIR OF BTF)	dd	mm	yy	hh	mm	**(ONLY DUE TO BTF)**	MUS
8) UNIT SYNCHRONISED AT	16	12	22	14	55		
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 D51x6mm; SA210 Gr.C, RHS Waterwall (52 ML), S-Panel (10 ML), Corner 4 Transition tubes (52 ML)

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)
Waterwall Tubes

Replacement of Spool Pieces
No of Spools Replaced - 11; No. of pinholes attended - 1

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

Attachment weld failure in 10 ML of Tube 3 (From RHS WW) in Front WW resulting in Fish mouth opening at 52 ML of Corner 4 Transition tubes.

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

(SIGNATURE OF BTF HEAD)
NAME:
DESIGNATION:
DATE: