

UNIT TRIPPING/SHUTDOWN REPORT

UNIT No: 1

STATION: NTPL, TUTICORIN.

OUTAGE: NO: 78

REPORT NO: 78

1. Date of tripping : 10/06/2023
2. Time of tripping : 22:00HRS
3. Status before tripping
 - a) Unit load : 320 MW
 - b) Mills in service : C, D,E ,F, G
 - c) Oil guns in service : NIL
 - d) Boiler feed pumps in service : A & B
 - e) CEPs in service : A & C
 - f) ID fans in service : A & B
 - g) FD fans in service : A & B
 - h) PA fans in service : A & B
 - i) CWP in service : A & B

4. Analysis of Shut down:

In Unit 1, water wall tube leak near door resulted noise from local. To avoid secondary damage unit load was reduced below 200 mw and hand tripped the unit at 22:00hrs.

5. Root cause:

The reason for failure will conclude after detailed analysis of the specimen.

6. Remedial measures taken/to be taken:

- a) Thickness survey to be done during major overhaul to avoid such instance in future.

7. Time / Date of boiler light up and synchronization:

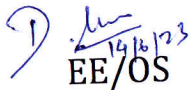
Light Up: 08:15Hrs. on 12/06/2023

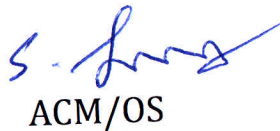
Sync : 14:14 Hrs. on 12/06/2023.

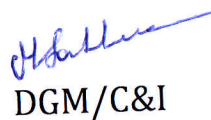
8. Delay for light up/synchronising :

1. Delay in synchronising due to EHTC problem (EHC converter stuck at 100% and not responding to EHC demand). The EHC converter cable fault identified and rectified by C&I and taken back the unit into service.

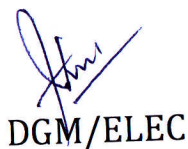
9. Any specific learning / feedback : nil

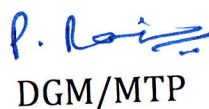

EE/OS

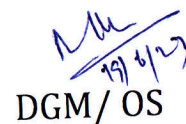

ACM/OS


DGM/C&I


DGM/BM


DGM/ELEC


DGM/MTP


DGM/ OS

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