

UNIT SHUTDOWN REPORT

UNIT No: 2

STATION: NTPL, TUTICORIN.

OUTAGE: NO. 68

REPORT NO: 68

- | | |
|---------------------------------|---------------|
| 1. Date of tripping | : 14-06-2022 |
| 2. Time of tripping | : 21:32:00Hrs |
| 3. Status before shutdown | |
| a) Unit load | : 500 MW |
| b) Mills in service | : 6 |
| c) Oil guns in service | : Nil |
| d) Boiler feed pumps in service | : TDBFP A&B |
| e) CEPs in service | : A,B |
| 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 | : 2A,2B |

4. Analysis of Shut down:

In Unit 2 MS line right side, leakage from spare thermo well region before strainer resulted in huge noise from the turbine hall, to attend the leak, unit was planned for shutdown and hand tripped after load reduction.

5. Root cause:

The spare thermowell provided in the MS line right side broken and resulted in leak from that region. During the shutdown, the thermo well was dummied the MS strainer was removed for inspection and the spare thermowell broken part found in the strainer.

6. Remedial measures taken/to be taken :

- a) All thermo well may be inspected for leakage during shutdown.

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

Light Up: 16:27 Hrs. on 21/06/2022.

Sync : 21:03 Hrs. on 21/06/2022.

8. Delay for light up/synchronising :

a) The IP stop valve test device block was changed, orifice placed in drain line removed (normalised), IP stop valves operation checked and found normal.

b) The thermo well leak was attended.

c) The plant shutdown was extended for one week to carry out boiler licence renewal activity.

9. Any specific learning / feedback : nil

10. Signatures / Date :

D. M. 28/6

EE / OS

K. Clouston 28/6

EE/ ELECT

OL

ACM/BOS

[Signature] 28/6/22

DGM / OS& SAFETY

[Signature] 28/6/22

DGM / C&I

[Signature]

DGM/EEMG

Copy submitted to CEO / NTPL

Copy submitted to GM/O&M