**Protocol for charging of Boiler feed pump lines and its flushing**

**Agreed by- Approved by**

**DGM I/c, PBS(1&2) GM Project (PBS-II)**

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| **Activity** | **Responsibility** | **Remarks** |
| 1) Deaerator level is to be maintained as before starting BFP#1 | M/s FLCL, M/s AESPL,  Project (P-Pz) | Use of PPEs shall be ensured. |
| 2) Recirculation and balancing line of BFP to be kept open at Deaerator level. | -----do---- | Working plateform shall be ensured at Feed pump discharge and Suction valve area. |
| 3) Cooling water flow to BFP bearing and glands to be ensured by charging of cooling water line. | -----do---- | Bearing oil of pump shall be ensured before BFP#1 |
| 4) Suction valve of BFP#1 to be kept open (100%) | -----do---- | All local pressure gauge and temperature gauge shall be ensured in working condition. |
| 5) All discharge valve (motorised and manual) to be kept in closed condition. | -----do---- | Vibration reading and bearing temperature through RTD shall be ensured in DCS HMI for monitoring. |
| 6) All drain valves and air vent valves to be in crack open condition to avoid hammering of pipeline. | -----do---- | Deaerator level in DCS HMI is must before starting BFP#1. |
| 7) Starting of BFP#1 for trial and monitoring of all parameters OEM KSB. | M/s FLCL, M/s AESPL,  Project (P-Pz) & PBS-II |  |
| 8) BFP#1 will remain inoperative under recirculation | -----do---- |  |

**DSO (P-Pz) DGM (P-Pz)**

**AGM (PBS-II, Key driver) DGM (Instt.) DGM (PBS-E)**

**DGM I/c (PBS-II) M/s AESPL M/s FLCL**

**M/s KSB**