

APPENDIX 5 ST SCOPE OF WORK

Medium inspection

HP turbine

Visual (insulation, outer casing guides & support, bolts)

Check of alignment and casing clearances

IP\LP turbine

Visual (insulation, outer casing guides & support, bolts, boroscope, rupture disk, last stage blade row)

Check of alignment and casing clearances

Ultrasonic inspection of cracks in last stage fir tree root

Bearings

Disassembly of bearings

Inspection (babbit, seal rings, fixation, oil supply, casing etc.)

Replacement of high pressure hoses

Replacement of sliding pads if required

SSS Clutch

Visual inspection of all components

Alignment check

Turning gear

Visual inspection of all components

Gearbox oil exchange

Hydraulic motor exchange

Bearing replacement if required

Anchor bolts

Visual inspection

Steam valves (including by pass)

Disassembly

Inspection (insulation, filter, valve seat, stem, bolts, casing, sealing etc.)

Repair of findings (on site machine if required)

Replacement of bolts if required

Repair of filter if required

Actuators

Visual inspection

Filter replacement

Condenser

Visual inspection (casing, hotwell, compensators, piping etc.)

MAL

Disassembly of valve (stem replacement were needed)

Inspection (valve seat, orifice, piping etc.)

Control fluid

Replacement of purifying unit substances)

Visual inspection of unit

Lube oil

Visual inspection (tank, cooler etc.)

Pump overhaul

Replacement of lift oil pumps and gear damper

CR

Disassembly of check valve

Inspection of valve

Visual inspection (insulation, piping, etc.)

Seal steam

Valves overhaul

Visual inspection (piping, insulation , etc.)

Major inspection

Will include all of the medium inspection

Turbine disassembly

shafts alignment

inspection (blades, vanes, rotor, seals, casings, bolts etc.)

SSS clutch overhaul