

GE Measurement & Control Solutions

Generic Application : Remote Visual Inspection

Specific Application : Fossil Power

Solution : Inspection Services

Remote Visual Inspection

On-site Inspection Services deploys trained technicians equipped with robotic crawlers, pan/tilt/zoom cameras, video borescopes and various other equipment to power plants all over the world to perform remote visual inspections and loose part retrieval services. We help to eliminate costly down time by utilizing remote visual inspection as a time saving, cost efficient tool.

Remote visual inspection can verify structural integrity, reveal loose parts, and identify potential problem areas. Used at the beginning of an outage, remote visual inspection can help prioritize outage tasks by verifying asset health. Prior to closing out systems and equipment at the end of an outage, remote visual inspection can verify system integrity, and the absence of loose parts and/or dropped items.

1. Stack, chimney/flue and electrostatic precipitator
2. Fuel oil tank, storage and active vessels and coal line
3. Furnace fans and duct dampers during operation
4. Header/steam drums, mainstream, hot and cold reheat piping, valves, spray nozzles and liner
5. Mud drums, headers and large boze tee's
6. Attemperators
7. Boiler tubes, coal, gas and oil burners and related piping (feed piping), and feedwater heater
8. Underground piping and utilities
9. Boiler water piping, boiler water circulation pump, feed pump, flow accelerated corrosion and feedwater piping
10. Heat exchanger (condensers)
11. Turbines, nozzle blocks, blade, gearboxes, feedwater heaters and main steam piping
12. Extraction lines, valves, lube oil piping, generator internals and steam chests
13. Generators, windings and loose-parts retrieval
14. Cooling and service water piping and underground piping
15. Transformer and electrical duct



Rifled Tube



Feed Water Heater



Coal Nozzle



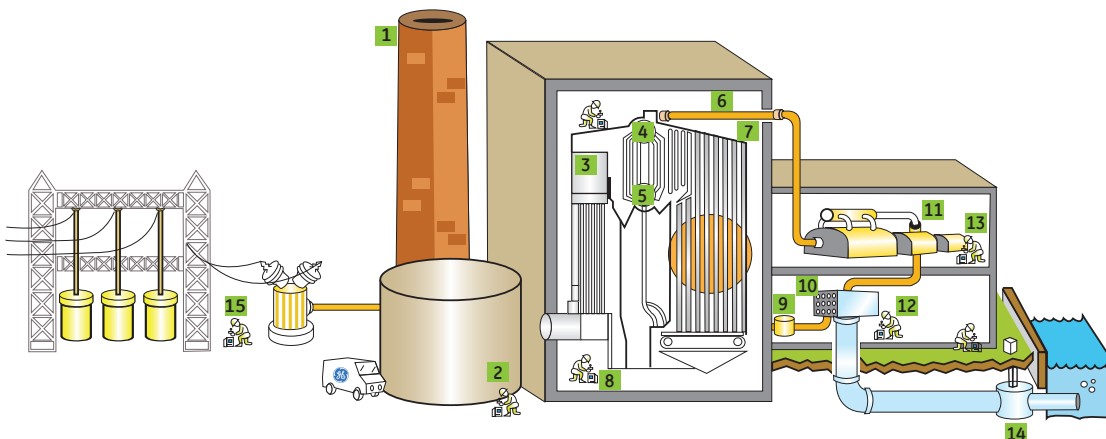
Desuperheater Liner



Reheat Inlet Header



Boiler Tube



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