

### Addition of Automated Emergency Shut-Down (ESD) Valve at Power Fluid Outlet Nozzle:

The majority of the fuel that propelled the fire to its magnitude came from the Power Fluid vessel. The power fluid vessel feeds the Jet Pump through a braided steel hose. The fire caused the braided steel hose to break free from the Jet Pump suction piping. When this occurred the produced water, oil and gas inside the vessel discharged into the Jet Pump fire. This caused the fire to grow exponentially in magnitude. Going forward we will be implementing an Automated Emergency Shut-Down Valve on the Power Fluid outlet nozzle of the Power Fluid vessel. The actuation of this valve will be programmed into our Remote Operations Controller on the facility. Whenever a process upset occurs, it will trigger this valve to close, preventing the release of its contents. Please see the diagram below.

