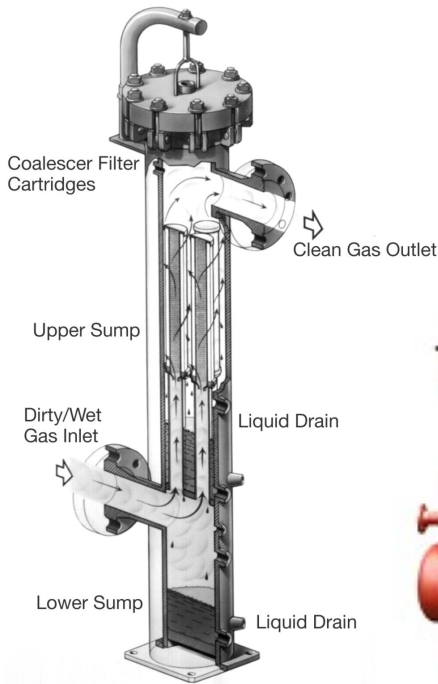




# Filtration Applications for the Power Generation Industry



# NATURAL GAS



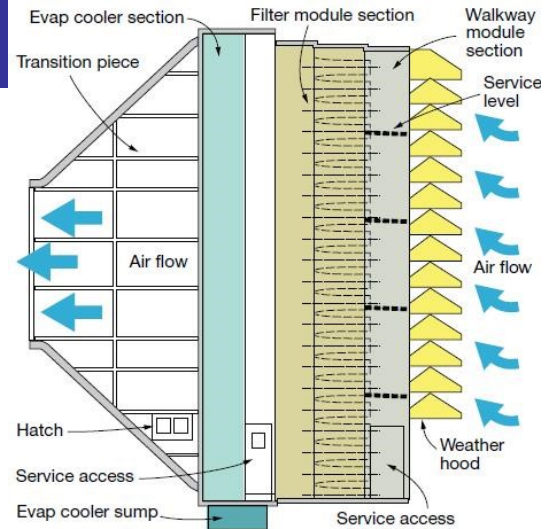
The performance and efficiency of a Natural Gas fired turbine is directly related to the quality and condition of the fuel gas. We design and specify **coalescing filtration systems** to ensure maximum removal of liquid and solids particulate from fuel gas streams.



We also offer **fuel gas conditioning skid packages** that incorporate filtration, heating, pressure control, and metering to meet the fuel gas criteria established by the turbine manufacturer.

# AIR INTAKE

Combustion is the basic chemical process of releasing energy from a fuel and air mixture. While it is key to have clean, contaminant-free fuel, it is equally as important to provide combustion turbines with clean air.



AIR INLET HOUSE

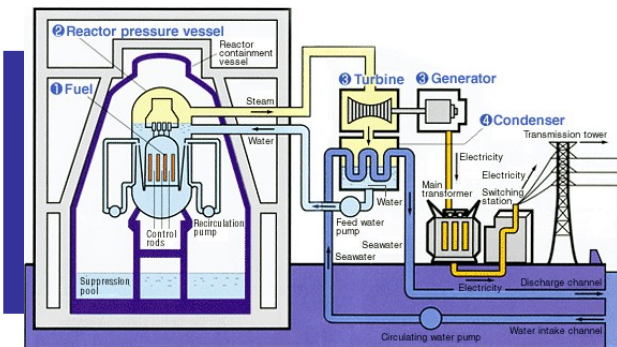


Intake Air is often filtered in multiple stages, with each filtration stage optimized for maximum air delivery and particulate removal. Our knowledge of filtration has helped many power generators reduce costly maintenance and improve generation efficiency.

# WATER

Water filtration is key in various types of power generation systems.

- intake water
- protection of cooling towers & condensers
- gland seal water
- boiler make up water



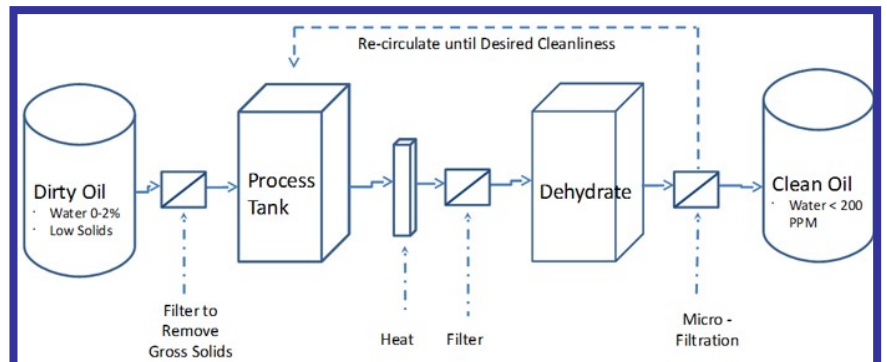
In Nuclear Power Generation water is used for temperature control within the reactor, spent fuel pools, and other process controls.

# HYDRAULIC & LUBE OIL

The Hydraulic and Lubrication Oil circuit systems are vulnerable to a variety of contaminants that result in inefficiency, downtime, and excessive repair costs.



Filtration plays a key role in protecting and maintaining these sensitive components.



Proper filtration is pivotal for employee safety, environmental safety, and overall plant efficiency.

C.C. Day Company, with over 60 years of experience, has developed extensive knowledge of filtration applications in a wide range of industries.

Food & Beverage  
Water  
Inks & Paints  
Chemical  
Life Science

Fuels & Refining  
Electronics  
Power Generation  
Oil & Gas  
Coatings & Adhesives



*To answer more questions regarding your filtration applications please give us a call at 763-541-9711.*



3240 Winnetka Avenue North Minneapolis MN 55427  
[www.ccdays.com](http://www.ccdays.com) | 763-541-9711