**From:** Rajive Ganguli [mailto:rganguli@alaska.edu]
**Sent:** Friday, February 28, 2014 5:42 PM
**To:** Bruce Campbell
**Subject:** Re: Chemistry of Alaska Coal specifically Mercury

From what I have found in the past, UCM coal has a lower level of contaminants than coals from WV etc.

1) As to mercury, see Table 3.6 in my 2008 report to DOE (attached).  The Hg level in the stack emission (i.e. in the smoke that leaves the power plant) was very low - being close to detection limits.



2) As to feed coal, see my 2012 report to US Air Force (this was a chapter in a bigger UAF-wide report).  In Tables 2 and 3, see the values for sample C074 (raw coal).  Thus, the UCM coal showed up as having 0.067 mg of mercury (Hg) per kg.



