

CE 326 Principles of Environmental Engineering Field Trip(s) – ISU Power Plant - Air Pollution Control

Meet in the Conference Room of the plant (located on the East side of campus near the Lied Rec Center – see map below) at the scheduled lab time.

Based on your visit to the plant, write a report (about 1 page) on the operation of the facility. Briefly discuss the air pollution control equipment and processes used to control emissions of each of the various pollutants to the atmosphere. What air pollution control devices are used on which boilers? What are the air pollution permit requirements? Include in your discussion how cogeneration improves the efficiency of fuel utilization at the plant. How much water is used at the plant? Where does it come from and where does it go? The report will be due the following lab period.

