



Eastern North Carolina Section

http://www.ncneighbors.com/main.wsi?group_id=1279

Seminar Announcement

Compliance with North Carolina's Clean Smokestacks Act by *Ronnie M. Coats, PE*

Where: EBI Main Conference Room (2-018) at NC State
When: Wednesday, November 7th, 2007
Time: 5:30 to 8:30 pm
Social/Networking: 5:30 pm
Supper: 6:30 pm
Speaker: 7:00 pm
Fee: \$10.00 (members), \$5.00 (students)

The North Carolina Clean Smokestacks Act (CSA), enacted in 2002, set aggressive SO₂ and NO_x emissions reduction requirements for Progress Energy's coal fired electric generating plants. While plant modifications necessary to comply with the CSA limits have presented Progress Energy with technical, scheduling, and operational challenges, the compliance plan is proceeding on schedule. At the conclusion of the planned modifications in 2012, Progress Energy's SO₂ and NO_x emissions will have been reduced by approximately 75% from year 2000 emission levels. Ron Coats will talk about the installation of pollution abatement control technologies for acid rain and ozone. He will describe equipment installations and theory of operation including calcium carbonate wet scrubbers for SO₂ removal and selective catalytic reduction units for NO_x removal.

Ron retired from Progress Energy in 2004 after a long career in which he held various positions involved with the engineering, construction, and operation of electric generating plants. He served as Project Manager for Clean Air Projects during the 1990's, responsible for Project Energy's plans to comply with the 1990 Clean Air Act Amendments. After enactment of the CSA, Ron established system emissions modeling protocols to help evaluate compliance options and to define Progress Energy's compliance strategy. Since retiring from full time employment, he has continued to provide consulting services related to the CSA strategy and compliance.

Please RSVP by November 2nd so that arrangements for the meeting can be made for everyone!

RSVP to: Ajit Ghorpade (Ajit.Ghorpade@ARCADIS-us.com) or call 919-854-1282 X 131

Name: _____

Member _____ Prospective Member or Guest _____ Student _____

I will _____ will not _____ be attending.

Directions to Engineering Building I at NC State

A map to Engineering Building I is attached to this email.

Parking is free after 5:00 pm.

From I-40 West or East

From I-40, take the Gorman Street exit, # 295, and head north towards Raleigh. (If coming from Cary or points west, turn left at the bottom of the ramp onto Gorman; if coming from Garner or points east, turn right.)

Go about 1¾ miles on Gorman Street to the light at Avent Ferry Road and turn right.

Go about 1½ miles on Avent Ferry Road to the light at Varsity Drive and turn right into Centennial Campus.

***Continue** on Varsity Drive past the Red Hat building to its dead end at Partners Way.

You will see Engineering Building I to your right, at 911 Partners Way.

You can either turn right and drop off passengers at the building or turn left on Partners Way to park. Go to the second parking deck; the first one, on the corner, is private parking for Red Hat.

When you enter the building from Partners Way, you are on the basement level.

Go up two levels to the main office (on the opposite side of the building from where you entered) – stairs are to your left, and an elevator is to your right.

From I-440 Beltline

From I-440, take the Western Boulevard exit, #2, and head east towards Raleigh.

Go about 1½ miles on Western Boulevard to Varsity Drive and turn right. (Varsity Drive is just past Gorman Street and the McKimmon Center.)

Take Varsity Drive across Avent Ferry Road into Centennial Campus.

See ***Continue** Above

From the NC State Bell Tower at the corner of Hillsborough St. and Pullen Rd.

Take Pullen Road to Western Boulevard and turn right.

Go about 1/3 mile on Western Blvd to the light at Avent Ferry Road and turn left.

Go to the second traffic light and turn left onto Varsity Drive.

See ***Continue** Above