



**OCTOBER MEETING OF THE ASME UPPER VALLEY SUBSECTION
TOUR OF THE CONNECTICUT RIVER CONTROL SYSTEM AND THE WILDER DAM**

Tuesday, October 9, 2007

**Learn about the power generation and water control projects at TransCanada's Upper Valley Control Center, followed by a tour of the Wilder Dam; starting at 5:00 pm
Dinner at Lui Lui's Restaurant (W. Lebanon, NH); starting at 7:00 pm**

TransCanada's hydroelectric facilities on the Connecticut and Deerfield Rivers consist of hydroelectric stations and associated storage reservoirs and dams located in New Hampshire, Vermont and Massachusetts. The 13 hydroelectric stations house 39 generating units that are capable of producing 567 megawatts of clean, competitively priced electricity for the region. The stations with large storage reservoirs operate mainly during peak periods of electric demand, while other stations operate subject to river conditions. The Wilder Dam, in service since 1950, has three generating units and 42 megawatts of capacity. The Wilder Site is particularly important because it is the control center for TransCanada's entire Connecticut River system, and is home to the northernmost fish ladder on the Connecticut River.

Kenneth Alton of TransCanada will give a brief presentation describing the Connecticut River project before giving a tour of the control center for the six dams on the Connecticut River. We will then tour the Wilder Dam and Station with several TransCanada Engineers to learn about the technology currently used in the dam, as well as some of the technology originally used in the Wilder Site.

Directions to The Wilder Dam: Take exit 12 off of Interstate 91 in Vermont (US-5, Wilder). Turn on Bugbee St. toward Wilder and Route 5. Turn Left on Route 5 toward the Cumberland Farms gas station. Follow Route 5 for 0.7 Miles and turn right onto Depot St. At the Post Office, the road turns to the left. Take the first right over the train tracks. After crossing the tracks, turn right onto Passumpsic Ave. Follow this road to the brick building on the right at the bottom of the hill. We will meet in this building, the control center.

Dinner to follow tour at Lui Lui's Restaurant, Powerhouse Plaza, route 12A, West Lebanon

Dinner Menu: Unlimited homemade baked rolls and Lui's famous dippin' oil
Soft Drinks and iced tea
Homemade Caesar and House Salads
Assorted brick oven baked pizzas, Two choices of pasta
Dessert

Cost of Dinner: \$20.00 per person (\$10.00 for students) Includes gratuity and tax.

Reservations (required for tour and/or dinner):

Call Douglas Van Citters at 603-646-6406, or e-mail dvc1@dartmouth.edu

(Deadline is 4:00pm on October 4, 2007)

PLEASE COME AND BRING A GUEST