



The AAACEI Delaware Valley Section/
And New Jersey Section
Presents:

“New Jersey Transit and the Agence Métropolitaine de Transport (AMT) of Montréal, Canada have embarked on a program to procure 46 dual power locomotives”

Mark your calendars now for May 11, 2011

Jim Martin will explain how the program is unique in that it is a collaboration of two rail authorities who are trying to realize the economies of scale by procuring a common locomotive. The new locomotives are unusual in that they operate in outlying non-electrified territory under diesel power, and are then capable of converting to electric mode via overhead catenary to complete the trip and thus providing a one seat ride. With a maximum weight of 72,000lbs per axle and a height no greater than 14’6”, the packaging of a locomotive that utilizes two diesel engines and is capable of 4200hp in diesel mode and 5360hp in electric mode has been a challenge to say the least. Designated the ALP-45, three pilot locomotives have been recently completed and are about to begin testing at the Transportation Technology Center located in Pueblo, Colorado as well as on-site testing at the authorities respective properties.

Mr. James Martin is a senior associate with STV, Incorporated. Mr. Martin has 20 years of experience in railcar procurement and overhaul programs, from concept to final closeout. His expertise includes program management , vehicular structure and interior engineering and design, system integration, and warranty and reliability administration. He has led the development of transit vehicle rehabilitation specifications and has led engineering teams for a major electric multi-unit (EMU) rehabilitation project. Mr. Martin has worked on many vehicle assessment, overhaul, and procurement programs across the country. He has an in-depth knowledge of a variety of passenger coach and locomotive types, giving him the versatility required to address vehicle-specific issues as they relate to component replacement and overhaul.

Presenter: **James A. Martin P.E. P.M.P.**

Date: Wednesday, May 11, 2011; Time: 6:00 Social half hour, 6:30 Dinner, 7:00 Meeting will be called to order.

Location: HILTON at the Philadelphia Airport (Across Rt. 291 from the Sheraton) 4509 Island Ave Philadelphia, PA (Island Ave and Route 291), Call 215-365-4150 for directions.

Menu: Stuffed Chicken with Apple, Walnut, Golden Raisin and Roasted Pinenut Bread Stuffing in a Calvados Sauce, New York Strip Steak in a Peppercorn Brandy Sauce or Pesto Roasted Salmon with an Herbed Tomato Compote served with salad, baked potato, vegetables, fresh baked apple pie, coffee, specialty teas and/or iced tea.

Cost: \$32.00 for members and guests, \$29.00 for retirees or emeritus members.

IMPORTANT NOTICE FOR CANCELLATIONS: If you decide to cancel after 5/9/11, you will be responsible to cover the cost the dinner. If a replacement can be found then you will not have to pay, and you will be notified.

RSVP: Please call Warren Tasca at 215-832-3528 or email at warren.tasca@stvinc.com or Ricardo Aviles E-mail aaceiidvs@yahoo.com by noon Wednesday May 4, 2011 for reservations and menu selection. Please visit our website: <http://www.aacei-dv.org/>