Medical Radiation Machines: Safety Considerations For Workers, Patients, and the Public
Guest Speaker: Ruth E. McBurney, President Elect, HPS

Ruth E. McBurney is the Manager of the Radiation Safety Licensing Branch at the Texas Department of State Health Services. She has worked in the field of radiation protection for over 25 years, serving in the Arkansas and Texas state radiation control programs. Ms. McBurney received a B.S. in biology from Henderson State University in Arkansas and a M.S. in Radiation Sciences from the University of Arkansas for Medical Sciences. She has served on the U.S. Nuclear Regulatory Commission’s Advisory Committee on the Medical Use of Isotopes and the FDA’s National Mammography Quality Assurance Advisory Committee. Ruth is a Certified Health Physicist and is a former Chair of the American Board of Health Physics and the Conference of Radiation Control Program Directors. She is the current President-Elect of the Health Physics Society.

Radiation machines have been used as powerful diagnostic and therapeutic medical devices for over a century. Along with the numerous advancements in technical accuracy and precision for diagnostic and therapeutic capabilities, safety standards and regulations were needed to assure that radiation workers, patients, and members of the public were protected from unnecessary radiation. Innovations and emerging technologies in the medical use of x-ray machines and accelerators, including fusion imaging, whole-body CT, cyberknife, IMRT and proton accelerators, will be discussed. In addition, the presentation will include a discussion of the radiation safety aspects of machine-source radiation for human use from both a historical perspective to current efforts by standard-setting groups focusing on patient dose constraints for diagnostic imaging.

ANNUAL CHAPTER ELECTIONS

It’s that time of year again for our Chapter election. We have a great slate of candidates as you will see from the enclosed biographical sketches. Please mark your ballot and seal it in the ballot envelope. Return the ballot envelope in the enclosed self-addressed envelope so that we get it by May 20, 2005. Remember, only members who have paid their dues through 2005 may vote. Your “Paid Thru” date is on your mailing label. You may enclose dues checks payable to Midwest Chapter HPS in the self-addressed envelope with your ballot envelope.
Annual Meeting
Featured Speaker: Ruth E. McBurney, President Elect, HPS
Meeting Sponsor: Image Technology, Inc.

DATE:       Wednesday, May 25, 2005
TIME:       6:00 PM Social Hour
            7:00 PM Dinner
            8:00 PM Featured Speaker
LOCATION:   Greek Islands Restaurant
            300 East 22nd Street
            Lombard, IL 60148
            630-932-4545
COST:       $26.00 per person, guests are welcome.

Menu
Family Style
Starters:   Saganaki & Taramosalata
Salad:      Greek Salad
Appetizer:  Gyros (Flavorful beef and lamb slices)
Entrees:    Chicken Riganati, Pastichio Dolmades,
            Meatballs
Side Dish:  Rice pilaf & potato
Dessert:    Baklava, galaktoburiko & karidopita
Beverages:  Coffee/Soft Drinks

RESERVATIONS: Please join us for the Annual Meeting featuring a presentation by Ms. Ruth McBurney,
President-Elect of the Health Physics Society. Phone or e-mail your reservations to Eli Port, our Program Chairman. Eli’s e-mail address is eport@rssinc.org and his phone number is 847-965-1999. Please contact Mr. Port with your reservations by Friday, May 20.