

**ASHRAE PUERTO RICO CHAPTER
REFRIGERATION REPORT
Region XII 2005-2006**

DATE: June 26, 2005

TO: Ted S. Hansen, Sr.

RE: ASHRAE PUERTO RICO CHAPTER REFRIGERATION REPORT

1.0 **CHAPTER ACTIVITY:**

- The Puerto Rico Chapter hosted the following technical programs related to refrigeration
 1. November 10, 2005: Technical Session (1 hour) in monthly meeting title “Part Load Control & Dehumidification with DX AC Systems” presented by Richard M. Rawal from Rawal Devices Inc.
 2. May 04, 2006: Technical Seminar (4 hour) title “Variable Speed Application in Chillers, Air Handling Units and Pumps” presented by Gustavo Gutiérrez with a donation by York Puerto Rico. This was a joint meeting with the Instituto de Ingenieros Mecanicos and Asociacion de Ingenieros Mecanicos.
 3. June 07, 2006: Technical Seminar (2hr of a 6 hr seminar) title “Theory, Applications and Design of Condenser and Chilled Water Primary, Secondary, and Tertiary Pumping Systems” by Evans Lizardos (ASHRAE Distinguished Lecturer). This was a joint meeting with the Instituto de Ingenieros Mecanicos and Asociacion de Ingenieros Mecanicos.
- Find additional information of these programs in attached supporting documentation.

2.0 **CHAPTER PUBLICATIONS**

- Articles that include information about refrigeration were published in our Newsletter
 1. October 2005: Promotion of the “Milton Garland Commemorative Refrigeration Award for Project Excellence” and the “Comfort Cooling Award for Project Excellence” (Section 9, Society Technology).
 2. November 2005: Provided ASHRAE Research RFP list which included two (2) refrigeration research projects (Section 4, Research Activities). Provided a list of ASHRAE Standards, two (2) of them related to refrigeration (15 and 34), adopted by the International Mechanical Code which is part of the Puerto Rico Building Code (Section 10 Standards).
 3. January 2006: Provided ASHRAE Research list of projects Society was evaluating for possible RFP, two (2) were refrigeration research projects (Section 4, Research Activities). Included a historical fact that the first ASHRAE standard was a refrigeration safety standard (Section 10 Standards).
 4. March 2006: Provided ASHRAE Research RFP list which included two (2) refrigeration research projects (Section 4, Research Activities).
 5. June 2006: Provided ASHRAE Research Report list available for purchase in ASHRAE Bookstore one (1) refrigeration research projects (Section 4, Research Activities).
- Articles that include information about refrigeration were published in local newspaper
 1. El Nuevo Día, November 26, 2005: “ASHRAE Handbooks, el mayor tesoro de los Ingenieros de Aire Acondicionado y Refrigeración.”. This is an article promoting the ASHRAE Handbooks to the general public, including the Refrigeration Volume.
 2. El Nuevo Día, December 31, 2005: “Competencias técnicas en sistemas de Aire Acondicionado y Refrigeración”. This is an article promoting technology awards and the refrigeration awards.

3.0 **CONCLUSION AND RECOMMENDATIONS**

- This year concluded with 3 programs, 5 newsletter publications and 2 newspaper publications. I will recommend for next year to include site visits to ice plants, ice skating rings and/or food storage facilities and at least 3 programs on refrigeration.

Submitted By: Ricardo Esbri