WATERLOO TECHNICAL SOCIETY

12 APRIL 2000 MEETING MINUTES

The 12 April 2000 meeting of the Waterloo Technical Society was held at Greenstreets Restaurant in Cedar Falls, IA with 33 members and 3 guests present. The meeting was called to order by President Chuck Angel at 7:30 PM. Following introductions of guests, the past Presidents were recognized. Minutes of the 8 March 2000 meeting were read and approved.

Donna Casey gave the Treasurer's report, indicating a share draft account of $697.18 and a savings account of $7.92, for a total of $705.10. March income was $20.00 from membership renewal and expenses were $138.27 for printing and postage. This included the annual $100.00 bulk mailing fee.

Nico De Jong gave a membership report, indicating there were now 85 paid members. He suggested that letters be sent to all previous members reminding them that their dues should be paid.

Tim Schoenfelder, Program Chairman for April, introduced the speaker, Dr. Karl A. Gschneider. Dr. Gschneider is a Professor in the Department of Materials Science and Engineering at Iowa State University. His presentation of Magnetic Refrigeration is from a project at the Ames Laboratory at Iowa State University in cooperation with the Astromatic Corp. of Madison Wisconsin. The project was started in 1994 and has demonstrated that Magnetic Refrigeration is a viable technology. The next phase is to design and build a rotary style unit rather than reciprocating motion as used in the initial prototype. Also materials will be refined to achieve greater efficiencies. Present plans would be to use this concept on large industrial application first. Then as experience, materials and smaller component s are achieved to utilize the technology for automotive applications as well.

The meeting was adjourned at 8:40 PM.

Respectfully Submitted,

Gene Hunck, Co-Secretary