SASKATOON ASHRAE CHAPTER
HISTORY UPDATE
September 1987 to June 1992

Compiled by Darrell S. Solie
February, 1993
The chapter membership dues are $100.00 including meals, or $40.00 plus $10.00 per meal. The number of chapter meetings were reduced from 9 meetings to 8, with the May meeting being eliminated. The regular meetings are held at the Saskatoon Construction Association. The chapter has 91 area assigned members and 54 local chapter members.

September 1987. Mike Marsh extended congratulations to Dave Fisher for winning the chapter's second PAOE award in a row for the 1986-87 chapter year. Paul Fung was also congratulated for his second place showing in membership points. Bill Dean issued the honor roll certificates for research promotion contributions for the past year. The technical session for this month was Paul Wright of Relicon speaking on adjustable frequency motor drives. The dinner speaker was Dennis Wieler, general manager of the Buy Saskatchewan Agency. He spoke on the progress of the agency over the last two years.

October 1987. Lev Seagraves, the Regional Membership Chairman attended this month's chapter meeting. He extended congratulations to Dave Fisher, and Paul Fung for their efforts last year. A filing cabinet was purchased for the chapter archives. There was no technical session at this month's meeting. Barry Hertz, a Professor of Mechanical Engineering at the University of Saskatchewan spoke on the development of the super mileage vehicle.

November 1987. The chapter roster was completed and distributed to the chapter members. Research Promotion Chairman Dave Fisher attended a workshop in Vancouver. The chapter research goal was set at $4500.00. 56 ASHRAE Fundamentals Handbooks were delivered to the Mechanical Engineering Students at the U of S. Wendell Dent completed the rough draft of the chapter history, and asked the Past Presidents to review it and add any anecdotes which may help spice it up. The technical session was a slide presentation on compressor failure given by Roger Borycki. The dinner speaker was Dale Childs of the U of S Physical Plant who spoke on the Marquis Hall submittal for
the Energy Award.

December 1987. The technical session for this meeting was set aside for Christmas cheer. Stan Nakrayko inquired if any chapter members would be able to help as guest speakers for a seminar on boiler systems to be presented in March or April. Dinner speakers at this meeting were Bill Popiel and Maurice Klein of the Potash Corporation of Saskatchewan who spoke on Energy Conservation by Mechanical Vapor Recompression.

January 1988. Wendell Dent presented the finished Chapter History to the chapter. He expressed his thanks to Jack Scott and others who helped complete the project. A motion was passed to submit a copy to the Western Development Museum. Bob Blackwell of Scepter Manufacturing gave the technical session on residential fire sprinklers. Brian Eger, Vice-President of Facilities, Planning and Management of the Saskatchewan Property Management Corporation was the dinner speaker. He spoke to the group about this newly formed organization.

February 1988. A technical tour of the newly opened Sask Place was a big attraction for this month's meeting. The Regional Historian, Earl Constant sent a letter of congratulations to the chapter for the completion of the chapter history. The Dan Creighton local curling playdown trophy was updated. Dennis Storrer of PCS gave a presentation on Potassium Sulfate - the Cory Process.

March 1988. Regional Chairman Det Goepfert attended this month's chapter meeting. Det passed along congratulations to the chapter for past achievements, and encouragement to keep up the good work. He also expressed his enjoyment of the bratwurst and sauerkraut that was served for supper. Dave Fisher presented a research promotion slide show and informed all that individual letters would be out in the mail shortly. The technical session was presented by Nick Weber of Woods fans who spoke on mixed flow fans. An ASHRAE slide presentation on indoor air quality, health and energy conservation was shown after supper.

The Dan Creighton Curling Trophy was won by Mike Finney, Les Larocque, Ron Lefebvre and Darren Wingerak on March 13, 1988 at the Sutherland Curling Rink. This team went to Calgary on April 09, 1988 to play for the John Ross Curling Trophy, winning two of three games, but failed to bring back the trophy.

April 1988. Bill Dean, Mike Marsh, Krishna Sareen, and Greg Schoenau spoke to the graduating Mechanical Engineering students about the hvac industry. The research promotion campaign was winding down. Total contributions collected were $5140.00, which exceeded our chapter goal.
May 1988. The C.R.C. was held in Calgary. Saskatoon was represented by Darrell Solie as delegate, and Dan Thompson as alternate. Highlights for the Saskatoon Chapter included the awarding of the Gold Ribbon for chapter history to Wendell Dent, and the election of Bill Dean as Research Promotion Vice-Chairman for Region Eleven. The chapter put forth a motion to include fax numbers with the committee chairman information. This motion was passed.

June 1988. The now traditional ball game and barbecue at the Forestry Farm concluded the 1987 - 1988 chapter year.
ASHRAE Saskatoon 1988 - 1989

Mike Marsh  President Sept. - Dec.
Ron Lefebvre  President Jan.- June
Dan Thompson  Vice President
Bill Popiel  Secretary
Merv Buhl  Treasurer
Dave Fisher  Past President
Perry Leuschen  Membership
Ken Ingalls  Eng.
Derek Plouffe  Education
Dave Fisher  Research

This year started on a bit of a negative note with job relocation causing the resignation of Darrell Solie as President, Paul Fung as Treasurer, and Roger Borycki as Membership Chairman. Mike Marsh and Ron Lefebvre agreed to each serve as President for half a year, and Dave Fisher agreed to remain as Research Promotion Chairman. The chapter membership dues remained at $100.00 for dues and meals, or $40.00 for dues plus $10.00 per meal. The chapter was credited with having 91 area assigned members, and the local membership for this year was 54 members.

September 1988. An invitation from the Regina Chapter was extended for the ASHRAE Professional Development Seminar on testing adjusting and balancing that was being hosted in Regina. The Gold Ribbon for chapter history was presented to Mike Marsh so it could be added to the awards banner. The dinner speaker was Ross McQuarry, General Manager of Northern Telecom who spoke to the group about fiber optics.

October 1988. The chapter roster revisions were made by Ken Ingalls, and the roster was distributed with this month's news letter. The chapter energy award submission was sent in for the regional energy awards competition. The technical session was a display by Dycor showing their thin film humidity measurement devices. The dinner speaker was Dave Farley of the City of Saskatoon's Economic Development Department.

November 1988. Don Holt, the Regional Chairman was present for our November meeting. He held a special meeting with the chapter board members prior to the regular chapter meeting to review chapter operations, and to see how preparations were going for the 1990 CRC. which will be hosted by the Saskatoon Chapter. During the general meeting, he presented Mike Marsh with the Presidential Award of Excellence for the 1987-88 chapter year. A promotional slide show on Seattle, the location of this year's CRC. was shown. The technical session was a table top display
by Crane, the dinner speaker was Michael Stoneham, who spoke on infrared thermograph.

December 1988. The energy award submission by the University of Saskatchewan won an Honorable Mention in its category at the regional energy award competition. Ron Lefebvre was named the chairman for the 1990 CRC in Saskatoon. Don Holte forwarded his thanks for the hospitality and the great meal he had during his chapter visit in November. He also informed the chapter that the 1990 CRC will be held on May 11 & 12. The technical session was a table top display presented by Gerry Piche of Vipond Sprinklers. The dinner speaker was Stanley Ade of Ade and Company who spoke on patents and copyrights.

January 1989. Ron Lefebvre took over as chapter President. The first chapter meeting of 1989 was a panel discussion on the various aspects and problems with interpreting plans and specifications. Members participating in this panel discussion were John Muirhead representing the specification writers, John Daniels representing the consultants, Les Larocque representing the contractors, and Gary Brose representing the suppliers. The technical session that evening was presented by Gary Crawford.

February 1989. In a break from tradition, and in order to accommodate the dinner speaker, the meeting this month was held on the first Tuesday of the month instead of the second. This meeting proved to be very interesting, as it was both an R in ASHRAE night, as well as a Hawaiian night. A letter sent from Don Holte informed the chapter that a motion will be put forward at the 1989 CRC to have a joint meeting between Region Ten and Region Eleven in Hawaii in 1990. If passed, this would result in the Saskatoon CRC being moved from 1990 to 1991. Bill Dean, the Regional Vice-Chairman for Research Promotion was in attendance at this meeting, and provided an update on what was happening with research promotion in region eleven. Perry Leuschen volunteered to represent the chapter as a participant involved with the Saskatchewan Department of Health upgrade of the Plumbing Code. The dinner speaker for this meeting was Bruce Walker from Dupont who spoke about CFC refrigerants and their replacements. The technical session was an ASHRAE slide presentation "Ozone Depletion - A Technological Challenge."

March 1989. This month, the meeting location was moved to William's Catering, and a joint meeting was held with MCA and RSES. Engineering students from Kelsey and the University of Saskatchewan were also invited. This meeting resulted in a great turnout of 41 members and 28 guests. Brian Webb, the Regional Vice-Chairman for Refrigeration was present for this meeting. He presented a technical session on air to air heat recovery using refrigeration
techniques, and also spoke to the group on the importance of refrigeration in today's society. The dinner speaker for this meeting was Don Sommers from Cameco. He spoke about Cameco and the uranium industry in Saskatchewan.

The Dan Creighton curling challenge was held on March 20 and the Sutherland Curling Club. Four teams battled for the honor of representing the Saskatoon chapter at the John Ross curling competition. The members on the winning rink were Blaine Tollefson, Don Zelizney, Wendell Dent and Gary Brose.

April 1989. The John Ross curling tournament was held in Regina on April 1. The Saskatoon chapter was not able to send a team to this event. The Regina chapter won the trophy again this year. The technical session for this month's meeting was a tour of the University of Saskatchewan's Physical Plant. The dinner speaker was John Gormley from the Department of Public Participation. He spoke to the group about public participation in government corporations.

May 1989. The 1989 CRC was held in Seattle on May 10, 11, and 12. Representing the Saskatoon chapter were Dan Thompson as delegate and Bill Popiel as alternate. At this meeting the motion to hold a joint CRC with region X was passed, resulting in Saskatoon holding it's CRC in 1991 not 1990. The research promotion campaign wrapped up with Dave Fisher reporting a total of $4005.00 collected.

June 1989. As in past years, the traditional ball game a barbecue at the Forestry Farm wrapped the 1988-89 chapter year.
This year started off with the realization that there would be a lot of work and organization required for the CRC in Saskatoon which was to take place in 1991. The chapter membership dues were set at $110.00 for dues and meals, or $40.00 for chapter dues and $11.00 per meal. The Saskatoon chapter was credited with 90 area assigned members, and 68 local chapter members. Several events of interest this year included a trade show, ladies night and the CRC held in Hawaii.

September 1989. The first meeting of the year was a membership promotion meeting. Ken Ingalls agreed to look after the roster revisions. The dinner speaker for this meeting were Jim Ulicki and Ron Newman who gave a presentation on sound measurement techniques. A special meeting was held on September 26 with George Seadon, Director of the Institute for Research in Construction. He invited all interested members to come out and discuss current research projects and concerns for the future of the building industry. Those who attended found the evening very interesting and enlightening.

October 1989. Mike Marsh attended the Research Promotion workshop in Vancouver. The chapter goal was set at $4800.00. It was decided that a mini trade show would be held later in the year to help raise funds for the 1991 CRC. It was also decided that the chapter would host a ladies night in February. The technical session for this month was a tour of the Hitachi manufacturing plant. The dinner speaker was Lyle Krahn, the provincial co-ordinator of WHIMIS. He spoke about the Workplace Hazardous Materials Information System.

November 1989. The date for the trade show was set for April 10. The location was to be at the Sands Hotel. An invitation was extended to the Regina Chapter for displays. The technical session for this month was "The design and application of fire dampers" by Julian Rochester of Nailor Hart. The dinner speaker was Len Gardner who spoke about cogeneration.
December 1989. A pen and business card holder was built and donated by Warren Jeschke for use as a raffle prize for the December meeting. This was won by Derek Plouffe. Both the technical sessions and dinner speakers this month were local chapter members. Bob Cowan gave a technical session on fundamentals of a maintenance management system. Rob Dumont was the dinner speaker, presenting a talk on energy performance and indoor air quality of R2000 homes. A video on research promotion was also shown by Mike Marsh.

January 1990. The Dan Creighton curling trophy no longer had any space for names, and required repairs. Ray Graves from Saskatoon Boiler offered to replace the trophy with a new one. The new trophy will be called the ASHRAE TROPHY. Dan Thompson presented the new trophy to the chapter. The date for ladies night was set for Feb. 23 at the Sands Hotel. The technical session for this month was a review of psychrometrics in hvac given by Paul Khana from Kelsey. Krishna Sareen spoke to the group on heat recovery for natural gas fired boilers.

February 1990. The technical session for this month was a tour of the new addition to St. Paul's Hospital. The dinner speaker was John Barclay from A.E.C.L. who talked about the proposed Slow Poke reactor for the University of Saskatchewan. The local chapter bylaws were reviewed and several amendments made. These were passed on to Atlanta for approval.

Feb. 18 to 24 was designated as National Engineer's Week in the States. Chapters were encouraged to participate in activities outlined to promote Engineering. As a chapter we agreed to promote Engineering through high school visits, contacts with Engineering students, and if possible, have interested students spend a day in an Engineering office.

Ladies night was cancelled due to lack of interest. It was decided not to try this again in the near future as it cost the chapter about $480.00.

March 1990. Regional Chairman Don Holte was able to join us for this month's meeting. He presented Ron Lefebvre and Mike Marsh with the PAOE Award for the 1988-89 chapter year. He spoke to the group about the winter meeting in Atlanta, and informed the members that there has been some discussion about developing a Regional Fund. The technical session was a video presentation on the operation of scroll compressors. The dinner speaker was Alph Guebert from the City of Saskatoon Traffic Division. He spoke on the city traffic lighting system.
The Ashrae Saskatoon Curling Challenge was held on March 20 at the Sutherland Curling Club. The winning rink was Mike Cook, Dave Fisher, Lloyd Labas and Gord Nagus. This group went on to compete in the John Ross Tournament in Regina on March 31. This awesome foursome finished first and reclaimed the trophy for the Saskatoon Chapter.

April 1990. This month was the trade show. A total of 37 members and 44 guests were in attendance for supper. Many more enjoyed the displays put on by 31 local participants. Three technical programs were held in conjunction with the show. The titles of these programs were as follows: Indoor Air Quality Health and Energy Conservation, Ozone Depletion and CFC's, a Technological Challenge, and Direct Digital Monitoring & Control Systems for Today's Buildings.

May 1990. A delegation of four Saskatoon chapter members were sent to Honolulu Hawaii for the joint regional CRC with Region X. Bill Popiel, delegate, Merv Buhl, alternate, Perry Leuschen, membership chairman and Ron Lefebvre as CRC committee chairman represented the Saskatoon chapter. The group was kept busy with meetings, as well as promoting interest for the 1991 CRC to be held in Saskatoon.

The research promotion campaign for this year was wrapped up. Mike Marsh was able to collect a total investment of $4126.00 for research promotion from chapter members and business.

June 1990. Our last meeting of the chapter year was the annual ball game and barbecue held at the Forestry Farm Park.
ASHRAE Saskatoon 1990 - 1991

Bill Popiel President
Merv Buhl Vice President
Darrell Solie Secretary
Ken Ingalls Treasurer
Dan Thompson Past President
Brian Dent Membership
Darren Wingerak Eng.\Govt. Affairs
Derek Plouffe Education
Dan Thompson Research
Ken Tremeer R-in-ASHRAE

This year marks the 25th anniversary of the Saskatoon Chapter. A special celebration is held in March to commemorate this. Saskatoon is also host to the CRC this year. This involves the cooperation and participation of most of the chapter members, and some of the spouses even get involved with a little persuasive volunteering. A summary history of the CRC will be included following the history for this year. A refrigeration chairman is also added to the chapter board of governors. The chapter has 88 area assigned members, and 53 local chapter members. Chapter dues are $112.00 for dues and meals, or $42.00 for dues, and $13.00 per meal. Regular monthly meetings are held on the second Tuesday of each month in the board room at the Saskatoon Construction Association.

September 1990. Bill Dean, Research Promotion Vice Chairman was present at this meeting. He presented a brief overview on the happenings in research promotion at the regional and society level. Ken Ingalls agreed to look after the roster revisions for this year. The technical session was a video presentation of ASHRAE Standard 62-1989: A Protocol for Indoor Air Quality. The dinner speaker was Krishna Sareen speaking on glass tube heat exchangers for dryers in the potash industry.

October 1990. This month's meeting was a membership promotion night. Two Regional Vice Chairmen were able to be with us for this meeting. Richard Armstrong, RVC Energy and Technical Affairs and Richard Casault, RVC Education spoke to the chapter about their respective positions. The technical session was a tour of the refrigeration systems used at Great Western Brewery and an opportunity to sample their product. The dinner speaker was Dean Wilyman from Revenue Canada. He spoke to the group about how the GST applies to the HVAC industry.

It was also at this meeting that chapter members in attendance were first introduced to the marble game.
Dan Thompson attended the research promotion workshop in Seattle. The chapter goal was set at $4900.00.

November 1990. The completed roster was distributed with the news letter. Don Holte, Regional Chairman attended our meeting. He presented Bill Popiel with an Honor Roll PAOE Award for 1989-90. Don also presented the technical session on high performance windows. The dinner speaker for this meeting was Sid Saxena, who spoke about the Husky bi-provincial oil upgrader.

December 1990. The technical session for this meeting was deleted to allow for the spreading of Christmas cheer. The dinner speaker for this meeting was Al Wilyman of PCS. He talked about mine ventilation at PCS Cory.

The list of volunteers and those responsible for certain aspects of the CRC was released. All chapter members were encouraged to help out in any way possible.

January 1991. 1991 marks the 25th anniversary of the Saskatoon Chapter. The technical session for this month was an ASHRAE video - Energy Standard 90.1. The Dinner speaker was Don Figley from the Saskatchewan Research Council. Don spoke about concepts, concerns and control of radon gas. A motion was passed at the meeting to purchase a projector screen. Tim Halstead was able to locate and purchase a good used screen.

February 1991. The technical session for this month was presented by Reg Hoffman. The topic of his presentation was The Fundamentals of Air Balancing. The dinner speaker was Mike Sulatsisky who spoke about ground source heat pump applications in homes in rural Saskatchewan.

March 1991. This month, our 25th Anniversary Celebration was held. The meeting location was moved to the Sheraton Cavalier. Darren Wingerak and Merv Buhl organized the event, in which members were encouraged to bring their spouses. 34 members and 24 guests attended. Past Presidents were also invited, and 17 out of 24 were able to make it. Pen and business card holders commemorating the 25th anniversary were bought and presented to the Past Presidents at the meeting. Wendell Dent, the chapter historian gave a presentation on some of the events over the last 25 years. Earl Ripley, from the University of Saskatchewan Crop Science Dept. gave a general interest after dinner presentation on climatic change and the role of the atmosphere.

The Saskatoon ASHRAE curling playoffs were held on March 5 at the Sutherland Curling Club. The winning team was Don Zelizney, Skip, Rick Savoie, Third, Don Plamondon, Second and Ken McCallen as lead. The John Ross curling
tournament was held on March 16 at the Granite Curling Club. Teams from Regina and Edmonton were able to make it for the competition. Saskatoon won the tournament, the winning team consisting of Don Zelizney - Skip, Rick Savoie - Third, Mike Cook - Second and Dave Fisher - Lead.

April 1991. The technical session for this month's meeting was a tour of the computer room air handling units and phone switching equipment in the Sask-Tel office in Saskatoon. To compliment the tour, the dinner speaker, Jack Lyons gave a talk on computer room air conditioning systems.

May 1991. The CRC was held from May 15 to 18. The Saskatoon chapter was represented by Merv Buhl as delegate and Darrell Solie as Alternate. Events held at the CRC included a golf tournament, cold climate design seminar, technical tour, as well as the meetings and awards banquet normally held at a CRC. A summary of these events can be found after the 1990-91 history.

The 1990-91 research promotion campaign came to an end. Dan Thompson was able to raise $4056.00 through chapter member and business contributions.

June 1991. For the final meeting this year, the dust was blown off the ball gloves, and annual ball game and barbecue was held at the Forestry Farm Park.
ASHRAE Saskatoon CRC May 15-18 1991

May 15, 1991 marked the beginning of the CRC in Saskatoon. This event had been in the planning for over two years, and could not have happened without the efforts of the many volunteers from the Saskatoon Chapter.

In order to handle all the details and event planning, a Saskatoon CRC Host Committee was set up. Members on this committee were as follows:

- Chairman: Ron Lefebvre
- Registration, Finance: Darren Wingerak, Ken Ingalls
- Golf Tournament: Jack Scott
- Cold Climate Design Seminar: Mike Marsh, Darrell Solie
- Facilities: Dave Fisher, Brian Dent
- Home Base: Dan Thompson, Ken Tremeer
- Popiel's Steak 'n Tunes: Bill Popiel, Merv Buhl
- Technical Tour: Jim McCartan, Howie Salisbury
- Spouse Program: Debra Dean, Ester Stenberg, Cheryl Thompson
- Publicity/Sponsors: Gord Nagus
- Home Town Visit: Bob Cowan, Bernie Kaminski
- Photographer: Norm Swinerton

The conference was held at the Sheraton Cavalier. Suite 800 was used as the "Home Base" suite for registrations, information, etc.

The CRC started on Wednesday May 15th with a golf tournament and barbecue held out at Moon Lake Golf and Country Club.

Thursday May 16 was the cold climate design seminar held in the Sheraton East meeting room. Sixty seven people attended this one day seminar, with six speakers giving presentations on various elements of cold climate design. The speakers and their topics were as follows:

- Professor Robert Besant, Head of Mechanical Engineering Dept., University of Saskatchewan. He presented a comparison of a computer model prediction to actual energy consumption of an R2000 building in a northern climate.

- Mr. James Keen, Former Chairman of Keen Engineering, Life
Member of ASHRAE from Vancouver B.C. He spoke about practical aspects of mechanical engineering design for the far north and Arctic environments.

Dr. Robert Dumont, Researcher, Saskatchewan Research Council Building Science Division. Dr. Dumont presented a history of low energy use houses, discussing items such as super insulated ceilings, walls, and floors, and high performance windows.

Mr. Marc Gaudet, Principal Partner, McCartan Gaudet & Associates Ltd. Marc presented a discussion on practical aspects of mechanical engineering design for Western Canadian climates.

Dr. Ernie Barber, Professor, Department of Agricultural Engineering, University of Saskatchewan. His topic was the indoor air quality, heat recovery techniques, humidification and other criteria necessary for enclosed animal facilities in cold climates.

Mr. Peter A.D. Mill, President, Center of Building Diagnostics Ltd. Ottawa, Ontario. Mr. Mill spoke about the design approaches of various building enclosures and windows with effective user controlled environments for cold climates.

Thursday evening, the CRC welcome was held at the Western Development Museum. The festivities started at 6:00 PM with refreshment specials like draft beer for a quarter per glass. A supper of barbecue beef and beans with corn on the cob followed at 7:00 PM. Following supper, President Bill Popiel welcomed all guest to the city and to the CRC, then Klondike Kate entertained the crowd with some singing and dancing. The museum was then opened up so that all who were interested could tour Boom Town, and view the displays. The evening ended with the busses returning to the hotels at about 10:30 PM.

Friday May 17 started bright and early with the 7:00 AM closed door breakfast caucus meeting for the chapter delegates and alternates. The open business session followed, starting at about 9:00 AM.

The ASHRAE Awards luncheon was held at noon at the Top Of The Inn. Honored guests in attendance were Society Vice President Bill Manning, Society Treasurer Dick Charles, Richard Wright from ASHRAE Society, Don Holte , Region XI Chairman, and Saskatoon Chapter President, Bill Popiel. A welcome was extended to the group by Ross Hukle of Sask Energy, the luncheon sponsor. Alderman Mark Thompson expressed his welcome on behalf of the City of Saskatoon to the guests and visitors in attendance.
Committee workshops were held in the afternoon from 1:30 to 3:00. Dale Carter presented the Membership workshop in the Canadian Room, and Brian Webb presented the Refrigeration workshop in the Cavalier Room.

The technical tour of the new College of Agriculture Building on the University of Saskatchewan campus followed the workshops held in the afternoon.

The evening began with the "Home Town Visit", a traditional activity that has been done at every CRC hosted by the Saskatoon Chapter. At about 7:00 PM, those visitors interested in participating in the home town visit were picked up at the hotel, and taken to the homes of local chapter members for a casual visit and hors'd'oeuvres. This gave those visiting a chance to get away from the hotel for a bit, see some of the city, and have a chance to mingle with some of the local chapter members. Visitors were returned to the hotel for supper at 8:30 PM. Many positive comments were received on the home town visits.

Honored guests in attendance for supper included Dick Charles, Society Treasurer, Vice President Bill Manning, Region XI Chairman Don Holte, and Saskatoon Chapter President Bill Popiel. Following supper, entertainment was provided by three one act plays performed by a local theatre group.

Saturday May 18 got off again with an early start with another 7:00 AM closed door caucus meeting for the delegates and alternates held in the Canadian Room. Two committee workshops were held at 8:15 AM. Richard Armstrong presented the Energy and Technical Affairs Workshop in the Maple Leaf Room, and the Chapter Operations Workshop was presented in the Starlight Room.

The two remaining workshops were held a 10:15 AM. Bill Dean presented the Research Promotion Workshop in the Maple Leaf Room, and Richard Casault gave the Education and Chapter Programs Workshop in the Starlight Room.

The President's Luncheon was held at noon at the Top Of The Inn. Head table guests for this event were Dick Charles, Bill Manning, Ron Lefebvre, Don Holte, and Bill Popiel.

The final business session of the CRC got under way at about 2:00 PM in the Starlight Room. This session lasted about two hours, and the meetings were adjourned at about 4:00 PM. This brought to an end a very exciting and successful CRC.

As an aside to the business events of the CRC, Society
Vice-President Billy Manning had issued a challenge to Regional Chairman Don Holte at the start of the CRC to ride the water slide at the hotel. It took some prodding and coaxing, but Don finally rode the slide on Sunday morning.
ASHRAE Saskatoon 1991 - 1992

Merv Buhl               President
Darrell Solie           Vice President
Ken Ingalls             Secretary
Darren Wingerak         Treasurer
Bill Popiel             Past President
Brian Dent              Membership
Krishna Sareen          Eng.\Govt. Affairs
Greg Schoenau           Education
Bill Popiel             Research
Ken Tremeer             R-in-ASHRAE
Ray McCubbing           News Letter Editor

The chapter dues for this year are $125.00 for dues and meals, or $50.00 for dues plus $15.00 per meal. The chapter has 54 local dues paying members, and 84 ASHRAE Society area assigned members. Regular monthly chapter meetings are held from September to June on the second Tuesday of the month at the Saskatoon Construction Association. This year saw the chapter honored by a visit from Mayor Henry Dayday in March, and the revival of the Saskatoon ASHRAE Golf Tournament which was held in May.

September 1991. The technical session for this month's meeting was a review of Chapter 53 of the ASHRAE Fundamentals Handbook - Water Treatment, given by Mel Krajewski. The dinner speaker was Allan Roles, the director of Engineering and Maintenance form the Royal University Hospital. He spoke to the group about the investigative work done to determine the cause of two fires in the Neonatal Intensive Care Unit. Peter Webinger and Brian Dent agreed to look after the revisions required for the roster.

October 1991. The meeting this month was designated as a membership promotion meeting. No technical session was held. The dinner speaker was George Spark from Atomic Energy of Canada. He spoke about the proposed Candu 3 reactor for Saskatchewan.

Bill Popiel attended the research promotion workshop in Seattle. At this meeting, the chapter goal for research contributions was set at $5200.00

November 1991. The month's meeting was a joint meeting with RSES. It was also an R in ASHRAE night. 27 members and 15 guests came out to the meeting to hear Tom Newmark from Copeland Compressors give a technical talk on new compressor technologies. Bruce Walker from Dupont was the dinner speaker. He talked about developments in alternate refrigerants. Ralph Robson, Regional Vice Chairman for Energy and Technical Affairs was also present for this
meeting.

December 1991. This month's meeting saw the departure from our normal buffet supper for a Chinese food feast. The technical session for this month was a tour of the Co-operative Dairy Producers building. The dinner speaker was Doug Norman from Sask Power. He spoke on the Sask. Power energy audit program. A video on ASHRAE Research was also shown to the group, as this month was the kick off to this year's research promotion campaign. Merv Buhl also presented Bill Popiel with the PAOE Award 1990-91.

January 1992. Due to lack of interest, and no volunteers to organize it, plans to hold a trade show later in the year were dropped. The technical session for this month was an ASHRAE video, The World of Energy and Alternate Fuels. The dinner speaker was Norm Lawrence from Sask. Energy, who spoke to the group about cogeneration.

February 1992. Greg Schoenau organized a students visit program to the local high schools. In order to promote Engineering, an Engineering Student and a Practising Engineer visited each school and gave a presentation on what Engineering is like both as a student and as someone working in the profession. The technical session this month was a presentation on plumbing cross connection awareness presented by Reg Hammer, a Plumbing Instructor from Kelsey. The dinner speaker was Bob McLeod from Saskatoon Chemicals. He gave an overview of the company operations and products they produce.

March 1992. The Saskatoon ASHRAE Curling Challenge was held on March 3rd at the Sutherland Curling Club. The winning team was Mike Cook, Dave Fisher, Gord Magus, and Lloyd Labas. The John Ross Curling Competition was to be held on March 28 at the Granite Curling Club, however, no other teams showed up, so Saskatoon won the event by default.

This month's meeting was promoted as Student's Night. Ralph Mattison, Regional Chairman was in attendance for this meeting. The technical session was adjustable speed drives, and was presented by Ron Barr from Toshiba. The dinner speaker was Mayor Henry Dayday, who spoke to the members about downtown redevelopment.

April 1992. At this meeting, the chapter passed a motion to provide two scholarship. One to Kelsey for $150.00 and three to the University of Saskatchewan for $150.00 each. The awards are to be give to the students who achieve the highest overall grade in the design project component of their building thermal design class. The technical session for this meeting was presented by Robin Smith of Johnson Controls. The topic was DDC systems for small
commercial applications. The dinner speaker was Tim Meadly from Uranium Saskatchewan. He talked about the Uranium Industry in Saskatchewan.

May 1992. The Saskatoon Chapter was represented by Darrell Solie as delegate and Ken Ingalls as alternate at the CRC held in Victoria on May 6th to 9th. At this CRC, the Saskatoon chapter was presented a second place ribbon for membership for the 1991-92 year.

The Saskatoon Chapter Golf Tournament was held on May 21 at the Moon Lake Golf and Country Club. The day was miserable, with threats of rain or snow, but 18 golfer turned out for the event, which had not been held in the last 10 years. Brian Blahey had the lowest score, but Ken Tremere was awarded the ASHRAE trophy for low net score based on the Calloway system of scoring. A good number of prizes had been donated and an attempt was made to ensure that everyone who participated went home with a prize.

June 1992. The annual ball game and barbecue wrapped up this year's chapter events. The location was changed from the Forestry Farm to a field located 11.5 km east of Mckercher Drive on 8th Street at Piddy Farms. This new site had complete barbecue facilities, a sheltered eating area, ball diamond, and a long walk to the outdoor toilets.

The annual research promotion campaign came to an end, with Bill Popiel collecting $2246.00.
ASHRAE Society Awards to the Saskatoon Chapter 1966 - 93

The following is a list of ASHRAE Society Awards and Honors presented to either the Saskatoon Chapter, or Saskatoon Chapter Members from Chapter Charter Night of March 25, 1966 to May 31, 1993.

March 25, 1966
Saskatoon Chapter President Glen Person received the ASHRAE Charter from ASHRAE Society President J.W. May, and the Chapter Gavel from Regional Chairman B. Horsburgh.

1971-72
The Chapter was awarded an ASHRAE Award of Excellence. Bill Peters was Chapter President that year.

1975
George Green, local chapter member was elected membership grade of Fellow of ASHRAE.

1976-77
The Chapter was awarded an ASHRAE Award of Excellence. Bob Kowalishin was Chapter President.

1978-79
The Chapter was awarded the Presidential Award of Excellence. Brian Crowhurst was Chapter President that year.

1984
George Green, a local chapter member was elected membership grade of Life Member of ASHRAE.

1985-86
The Chapter was awarded the Presidential Award of Excellence. Ron Lefebvre was Chapter President that year.

1986-87
The Chapter was awarded the Presidential Award of Excellence. Dave Fisher was Chapter President that year.

1987
Charles Hedlin, a local Chapter member was elected membership grade of Fellow of ASHRAE.

1987-88
The Chapter was awarded the Presidential Award of Excellence. Mike Marsh was Chapter President that year.

1988-89
The Chapter was awarded the Presidential Award of Excellence Honor Roll for earning PAOE for four consecutive years. The duties of Chapter President were shared that year between Mike Marsh and Ron Lefebvre.
1990-91
The Chapter was awarded the Presidential Award of Excellence and Special Citation Pin. Bill Popiel was Chapter President that year. The 25th Anniversary Ribbon was also received that year.

1991-92
The Chapter was awarded the Presidential Award of Excellence and Special Citation Pin. Merv Buhl was chapter President that year.

1992
Robert Besant, a local Chapter member was elected membership grade of Fellow of ASHRAE.
Ron Lefebvre, a local Chapter members was awarded an ASHRAE Technology Award of Second Place in the New Institutional Buildings Category. The award was given for an energy award submission for St. Luke's Elementary School.
ASHRAE Regional Awards to the Saskatoon Chapter 1966 - 93

The following is a list of ASHRAE Regional Awards and Honors presented to either the Saskatoon Chapter or Chapter members from March 25, 1966 to May 31, 1993.

1966-76
From our awards banner, the Chapter has received one Purple Ribbon for Membership. We have no record of what year this was awarded.

1976-77
The Chapter was awarded the Purple Ribbon for Membership. Jerry Boulanger was Membership Chairman that year.

1977-78
The Chapter was awarded the Purple Ribbon for Membership. Jim McCartan was Membership Chairman that year.

1978-79
The Chapter was awarded the Purple Ribbon for Membership. Bob Cowan was Membership Chairman that year.

1981-82
The Chapter was awarded the Blue Ribbon for Membership. Dennis Moorman was Membership Chairman that year.

1985-86
The Chapter was awarded the Blue Ribbon for Membership. Paul Fung was Membership Chairman that year. Bill Dean, the Research Promotion Chairman was awarded the "Top Dog" award for Research Promotion.

1986-87
The Chapter was awarded the Red Ribbon for Membership. Paul Fung was Membership Chairman that year.

1987-88
The Chapter was awarded the Gold Ribbon for Chapter History. Wendell Dent and Jack Scott had prepared our Chapter History.

1988-89
The Chapter was awarded the Red Ribbon for Chapter History. Perry Leuschen was Membership Chairman that year.

1990-91
The Chapter was awarded the Red Ribbon for Chapter History. Brian Dent was Membership Chairman that year.

1992-93
The Chapter was awarded the Regional Award for Technical, Energy and Government Affairs. Krishna Sareen was TEGA Chairman that year. The Chapter was awarded the Gold Ribbon
for Chapter History. Darrell Solie was Chapter Historian that year. The Chapter Research Promotion Chairman Merv Buhl was awarded the "Top Dog" award for Research Promotion. The Chapter was also awarded the honor of being named the Outstanding Chapter in the Region. Darrell Solie was Chapter President that year.
Saskatoon ASHRAE Chapter Local Awards 1966-93

The following is a list of local Chapter Awards presented by the Saskatoon Chapter from the Chapter Charter Night of March 25, 1966 to the May 31, 1993. These awards will be split into two categories, Merit awards, and Social Awards.

MERIT AWARDS

1973
In conjunction with the Regina Chapter, the Saskatoon Chapter awarded a Student Bursary of $250.00 to Brent Bradford, a first year student of Engineering Technology at The Saskatchewan Institute of Applied Arts and Sciences.

1992
The Chapter provided $150.00 Scholarships to three students of Mechanical Engineering at the University of Saskatchewan. The Students were Guy Arn, Mark Dieno, and Sheldon Howe. The Chapter also provided a $150.00 Scholarship to Wade Kuhman, a second year Engineering Technology student at Kelsey.
SOCIAL AWARDS

Social Awards given by the Saskatoon Chapter have been for two items. The Saskatoon ASHRAE Chapter Golf Tournament, and The Dan Creighton, later to become the Saskatoon ASHRAE Curling Playdowns. The team winning the curling playdowns usually represents the Chapter in the John Ross Curling Playdowns, a regional curling event for those chapters interested in participating. The Saskatoon teams which have won this event will also be listed.

Saskatoon ASHRAE Chapter Golf Tournament

1967 - Bryan Dykes 1968 - Neil Clark
1969 - Grant Kraus 1970 - Grant Kraus
1971 - ? 1972 - Bill Peters
1973 - Merv Buhl 1974 - Neil Clark
1975 - Watty Hall 1976 - Frank Hilbert
1992 - Ken Tremeer 1993 - Gordon Nagus

Dan Creighton Curling Trophy

The following information is the most we have been able to locate regarding the teams which won the Dan Creighton Trophy.

<table>
<thead>
<tr>
<th>1966</th>
<th>1967</th>
<th>1968</th>
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<tbody>
<tr>
<td>J. Peters</td>
<td>L. Wilson</td>
<td>E. Zook</td>
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<tr>
<td>1969</td>
<td>1970</td>
<td>1971</td>
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<tr>
<td>F. Gerbrant</td>
<td>E. Renouf</td>
<td>G. Murray</td>
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<tr>
<td>B. Tollefson</td>
<td>G. Stephenson</td>
<td>J. Yerhoff</td>
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<tr>
<td>V. Savoie</td>
<td>K. McCallen</td>
<td>M. Buhl</td>
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<tr>
<td>B. Peters</td>
<td>G. Thorpe</td>
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<td>1972</td>
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<td>1974</td>
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<td>V. Savoie</td>
<td>B. Tollefson</td>
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<td>G. Stephenson</td>
<td>J. Yerhoff</td>
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<td>J. Yerhoff</td>
<td>B. Stevenson</td>
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<tr>
<td>W. Dent</td>
<td>J. Daniels</td>
<td>W. Dent</td>
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<td>1975</td>
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<td>1977</td>
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<td>J. Yerhoff</td>
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<td>J. Yerhoff</td>
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<td>R. Graves</td>
<td>R. Graves</td>
<td>J. Boulanger</td>
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<td>L. Colborne</td>
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<td>J. Boulanger</td>
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<tr>
<td>B. Kaminski</td>
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<td>B. Tollefson</td>
<td>B. Tollefson</td>
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<td></td>
<td>G. Jones</td>
<td>M. Buhl</td>
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<td></td>
<td>L. Larocque</td>
<td>L. Larocque</td>
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<td></td>
<td>M. Buhl</td>
<td>G. Jones</td>
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<th>1984</th>
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<td>M. Buhl</td>
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<td>L. Larocque</td>
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<tr>
<td>G. Jones</td>
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<thead>
<tr>
<th>1987</th>
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<tr>
<td>R. Schuler</td>
<td>Mike Finney</td>
<td>B. Tollefson</td>
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<td>M. Buhl</td>
<td>L. Larocque</td>
<td>D. Zelizney</td>
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<tr>
<td>B. Tollefson</td>
<td>R. Lefebvre</td>
<td>W. Dent</td>
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<tr>
<td>R. Savoie</td>
<td>D. Wingerak</td>
<td>G. Brose</td>
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In 1990, we ran out of room for names on the Dan Creighton Trophy. Saskatoon Boller donated a new trophy for the local play-downs. With the new trophy, the event was to be called the ASHRAE Saskatoon Chapter Curling Challenge. Winners of this event were as follows:

<table>
<thead>
<tr>
<th>1990</th>
<th>1991</th>
<th>1992</th>
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<tr>
<td>M. Cook</td>
<td>D. Zelizney</td>
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<tr>
<td>D. Fisher</td>
<td>R. Savoie</td>
<td>D. Fisher</td>
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<tr>
<td>L. Labas</td>
<td>D. Plamondon</td>
<td>G. Nagus</td>
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<tr>
<td>G. Nagus</td>
<td>K. McCallen</td>
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<table>
<thead>
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<th>1993</th>
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<td>D. Fisher</td>
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<td>L. Labas</td>
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<tr>
<td>D. Solie</td>
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<tr>
<td>C. Patchin</td>
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</tbody>
</table>
John Ross Curling Playdowns

The John Ross Trophy is presented to the winner of the annual curling competition traditionally between the Saskatoon, Regina, Winnipeg, Edmonton, and Calgary Chapters. Participation in this event is usually between whichever chapters are able to send teams. It is traditional that the winning team has to host the event the following year. The years and the teams listed are only for the years the Saskatoon Chapter has won this competition.

<table>
<thead>
<tr>
<th>Year</th>
<th>Team 1</th>
<th>Team 2</th>
<th>Team 3</th>
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<tbody>
<tr>
<td>1970</td>
<td>F. Gerbrandt</td>
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<td>B. Tollefson</td>
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<td>V. Savoie</td>
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<td>B. Peters</td>
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<td>W. Dent</td>
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<tr>
<td>1978</td>
<td>R. Graves</td>
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<td>B. Tollefson</td>
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<td>G. Nagus</td>
<td>L. Labas</td>
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