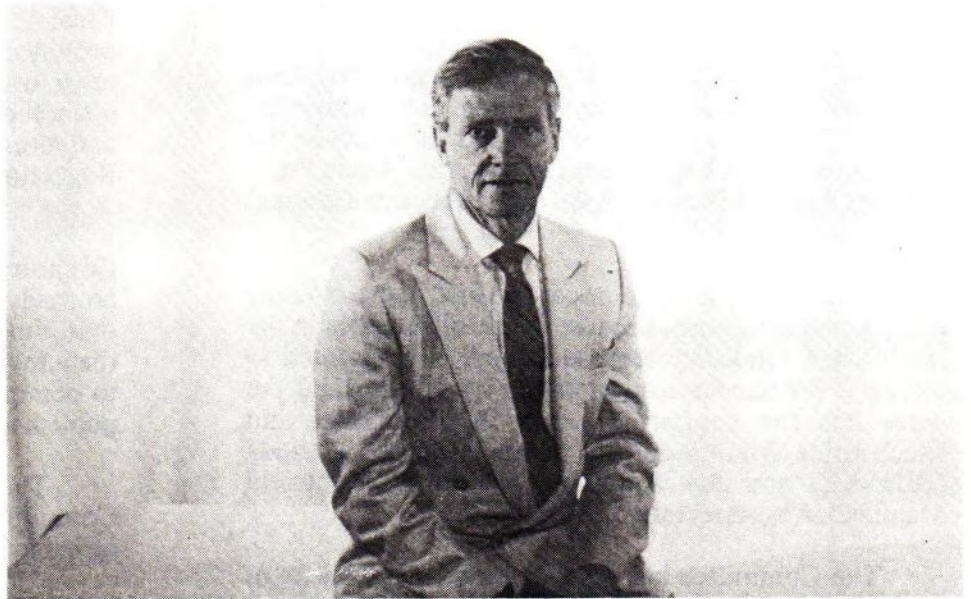




THE INSPECTOR

September 1990

GEORGE McAFFER NEW HEAD OF C.S.A.



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Burnaby, BC V5H 3Y1
Phone: 224-4264*

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Bill Simpson*

EDITOR

*Evelyn Fingarson,
308/5777 Willingdon,
Burnaby, BC V5H 4B1
Phone: 430-3469*

On August 22, Mr. John Kean, President of the Canadian Standards Association, named George McAffer to the position of General Manager for the Pacific Operating Region, the appointment to become effective on September 4, 1990! In his new position Mr. McAffer will be responsible for all of CSA activities in British Columbia and Alberta, as well as CSA operations in the Orient and the Pacific Rim.

For the past four years Mr. McAffer has been Executive Director for the Safety Engineering Services Division of the Ministry of Municipal Affairs, Recreation and Culture of the Province of British Columbia.

Mr. McAffer replaces Mr. Mike Nagata who is to become Director, Laboratory Affairs, and will be based in Rexdale, Ontario. In his new position Mr. Nagata will be responsible for the ongoing development of CSA's worldwide laboratory network.

CANADA - U. S. WORK TO HARMONIZE

Following work which has been ongoing for some time between Canadian Standards Association and the (American) Underwriters Laboratories Inc. a Bi-National Correlating Committee on the Electrical Codes was formed and held its first meeting in April of this year at National Fire Protection Association Offices in Quincy, Massachusetts.

The stated purpose of the Committee was "As a result of the Canada/US Free Trade Agreement and other such regional and international developments, the goal of this committee is to make compatible the requirement in both the Canadian Electrical Code Part I and the National Electric Code that affect the technical product requirements."

Harmonization of electrical product standards runs into problems at times because of the differences in the two Codes. Industry representatives have pointed to the need for harmonization of the two Codes and the work has the support of both the Electrical and Electronics Manufacturers Association of Canada (EEMAC) and the American National Electrical Manufacturers Association (NEMA)

The Committee has co-chairmen -- Roy Hicks of Canada and Dick Biermann of the United States.

Although there are many differences between the two Codes, it was agreed early in the discussions that the Committee would focus only on those differences which prevented a free flow of trade between the two countries. It is surprising how many of the so called barriers disappear when this criteria is applied.

One of the real benefits of having the Bi-National Committee in force will be that both NEMA AND EEMAC will be able to send to the Committee specific proposals for changes in both Codes to assist in the free flow of trade.

At the June meeting in Toronto both industry organizations made a real effort to identify issues related to the installation of electrical products.

In the Canadian system the electrical inspector plays a very important role. On the Canadian Electrical Code Committee there is a chief electrical inspector from each of the ten provinces and two territories. There are also three representatives from city inspectors.

Proposals to change the Code are forwarded by CSA staff to one of the 39 section subcommittees of the Part I Committee. These section sub-committees are roughly equivalent to the panels of the National Electric Code.

In addition to being represented on the Canadian Electric Code, the chief electrical inspectors of the provinces and two territories are also members of two other important committees. They act as an advisory council on safety matters to the CSA Board of Directors and president. Also from this council they form a Regulatory Authority Committee (RAC)

Proposals that are approved by the Part I Committee are issued after each meeting. They are not normally implemented by the provinces and territories at that time unless there is a major safety issue or a manufacturer is awaiting approval of new rules in order to obtain certification of products. The CEC Part I is published by CSA every four years.

The next meeting of the Bi-National Correlating Committee on the Electrical Codes will be held at CSA office in Toronto (Rexdale) in October, 1990.



H E L P

BOB HEWITSON - WHERE ARE YOU?

We have lost your new address and telephone number.

Please let us hear from you -- or let us hear from from SOMEBODY who can help us. Call Vincent Yu at 660-6255.

PRESIDENT'S MESSAGE

This year is winding up somewhat differently from most. What with the very lengthy rainy season, bringing devastating floods to many areas; followed by very hot, dry weather, in turn bringing one of the worst fire seasons in many years; into September when the baking sun makes our vehicles more like saunas than transportation.

One wonders if the "powers that be" have delayed the new safety regulations until cooler weather would make greater concentration and energy possible.

It is possible that the new Electrical General Regulations and the Electrical Work Regulations will,

in some ways, have greater impact on the electrical industry than previous changes during the last generation., although it is difficult to see at this time just how these changes will affect our work procedures. A lot of reading and concentration will be needed to become conversant with the new regulations, Codes and Amendments.

The proposed Code Seminar planned by EIA has had to be postponed awaiting the release of the new Code. Amendments and Bulletins. Watch for the formal announcement.

STAFF CHANGES

GEORGE McAFFER resigned as Executive Director of the Safety Engineering Services Division, in the Provincial Office, to take up a position at Canadian Standards Association. More on this elsewhere. HARRY DIEMER will be Acting Executive Director, temporarily, for one year.

BILL PITT from Fort St. John was the successful applicant for the vacancy created by SID SARGENT's retirement in Penticton. The Fort St. John position is being advertised in the present issue of "Postings."

A number of provincial auxiliary inspectors are working in various locations:

ERWIN SCHWARTZ -- in Prince Rupert.
HARRY GLEW - in Kamloops
ROD REID -- in Williams Lake
JOHN COWIE == in New Westminster.

In addition, the Branch has brought in a number of retirees out to help: DON ADKINS, RON DAVIS, and KIM REYNOLDS.

City of Vancouver has hired a number of inspectors to conduct inspections under the secondary suite program: WAYNE BOZOVIE, NORM BOWDEN, WAYNE WHITE, and LUCIEN TOEWS.

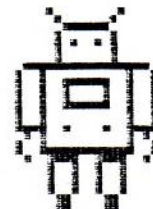
The City of Vancouver has also confirmed the following appointments:

WALTER BRUEGGER as Quality Control Co-ordinator.
PER ANDREASSEN and MURRAY MAXWELL as Inspectors.

City of North Vancouver has hired GRAHAM O'NEILL as an Inspector to replace AL HORWELL who retired earlier this year.

ROBERT SCHMIDT who was working for the Corporation of Burnaby is now an Inspector for the Municipality of Surrey.

DUNCAN STEVENSON joins the Inspection Department as an Inspector with the City of Victoria.



C. T. and S.

As was the case for the previous seminar, the forthcoming seminar of the Electrical Inspectors Association on the new Code will be held at the electrical building on Willingdon Avenue through the much appreciated courtesy of the Canadian Telephones and Supplies Company.

Although most EIA members know of the company and the building, there is much about its operation which is not well known to the members of EIA.

C.T. & S. designs, installs and maintains sophisticated electrical and electronic systems. Some of these installations include electro=mechanical switching, computer controlled electro=mechanical switching and digital switching systems, fibre optics, computer based alarm monitoring and control systems, CCTV, paging and intercom.

C.T. & S. is also responsible for the installation, rearrangement and removal of telephone central office and large switchboard equipment for B. C. Tel.

The company has been in business for over 50 years and is part of the B. C. Tel group, which, in turn, is the second largest telecommunications company in Canada. Of the eight branches, the Electrical section is the one most closely concerned with EIA. At the present time KEN HOYEM, who is the Operations Control Centre Manager, is a member of the Executive of the EIA. He replaced ROD GRAY, who has now become Quality Manager of the Operations Section.

The Electrical Department installs and maintains power equipment for the B. C., Tel Group. It also provides electrical installation services in the competitive marketplace. All of the electrical employees are Government Certified Electricians (Interprovincial Ticket Holders.)

Rod Gray, now head of the Quality Assurance Department, ensures that C. T. & S. installations meet all accepted industry standards and also ensures a high standard of workmanship is maintained regardless of project size. Quality Assurance currently reviews all network installations. New product lines are being added in 1991.

Some of the companies serviced by C.T. & S. are the R.C.M.P. Centre in Surrey, Pacific Biological Research Station in Nanaimo; British Columbia Building Corporation - Vancouver Law Courts and the B. C. Lottery Corporation - Kanloops and Richmond.

HEALTH AND SAFETY COMMITTEE

A report has been received about the new Committee on Health and Safety of the B. C. Electrical Association. Alfie Pietracupa is the representative from E.I.A. and the Municipalities. Stu Hicks, of E. S. B. was chosen as Chairman.

The inaugural meeting was held on June 19 at which there were the following representatives:

Wilf Glew, I.A.E.I.;
Cliff Pilkey, E. C. A.
Alfie Pietracupa, E.I.A. & Municipalities
Dave Thompson, I.B.E.W.
Tony Lyttle, B. C; Hydro
Phil Cooper, C. S. A.,
Ken Neal, B. C. E. A.
Stu Hicks, E. S. B.
Not able to attend were:
Bob King, West Kootenay
Glen McMillan, Electrical Distributors.

All the members reported on the safety programs at present in place in their organizations. The discussions centred almost entirely on programs in the schools

Because of the recent increase in accidents related to 347/600 voltages and apparent lack of technical knowledge shown by the Coroner's jury, Cliff Pilkey said that the ECA was planning to try to have qualified contractors included in future enquiries.

In discussion of B. C. Hydro's school program, Tony Lyttle suggested trying to coordinate this program with the ESB schools program. Ken Neal was asked to liaise with B. C. Hydro, the Branch and Provincial School Boards to coordinate the Branch's and B. C; Hydro's schools programs.

CODE GOES TO PRESS

In early May the Wiring Standards Committee reviewed the 1990 Canadian Electrical Code, and in two all-day meetings considered the recommendations of sub-committees for all forty Code sections and for all of the Bulletins.

During the summer the Editorial Committee reexamined all of the recommendations and the Branch Head Office staff has now sent all of the copy to the printers for publication. Distribution is expected in the fall.

The format has been altered and the type improved to make the amendments and Bulletins easier to reference and to read. The pages will be the same size as the Code pages and will be punched for insertion either into the existing Bulletin binders or into the new CSA Code binders.

Currently the Code is scheduled for adoption on November 1 but this date could be revised, depending on the speed of the legislative process. There will be a period of perhaps three months during which either the old or the new Code will be accepted.

According to Dr. James Hill it is unlikely that the new regulations will be in full swing until the beginning of the New Year.

The long awaited new Electric Work Regulation will be introduced on November 1. The Branch is planning to implement the new requirements in three stages --

- November 1, 1990Regulations effective
- January 1, 1991Compliance checks
- April 1, 1991Full compliance expected.

The Code differs from one Province of Canada to another. British Columbia's is considered to be the most democratic and best organized of any part of the country.

It was Wilf Lawson who came to the Ministry from Alberta to reorganize all the safety rules, as a result of a Royal Commission. He said the inspectors were authoritarian and cavalier and were out of touch with the industry. He was given the job of solving the problems and further involving the industry with business generally.

Over the intervening years the Code has become an accepted and respected part of the work of Inspectors in British Columbia. In fact, the whole direction of electrical safety in the province can be said to have been changed, as a result of Lawson's original thrust and the time and effort that has been spent since then by a hard-working group of workers.

BOWLING FOR BUCKS

Last year members of EIA struck out in a new direction as a result of a request from the Big Brothers organization. They gathered together a group of bowlers and through their efforts at Loughheed Bowling Lanes, managed to garner a very respectable sum for the Big Brothers.

In June of this year some members of the EIA (augmented by several from CSA) again tossed their bowling balls in the lanes at the Brentwood Bowling Lanes on behalf of Big Brothers. In all there were six groups and when the smoke had cleared the total reached \$1,717.79 - an increase of more than 30% over the 1989 total. And apparently they all had fun doing it.

City of Vancouver provided two teams, consisting of Bruce Spargo, Per Andreassen, Rob Palmer, Hugh Neikle, Gus Wendrill, Dave Jackson, Norm Hansen and Alfred G. Lam.

From the Provincial Head Office came Prima Tolette, Sheila Hancock, Elsa A. Caisip and Vincent Yu.

Helping out from CSA were R. Schmidt, Joe Pimental, Bill Cook, Bill Simpson, Jim Louie and Gail Simpson.

There were also two groups of ten inspectors from the Provincial New Westminster office.

WHO'S IN THE NEWS?

KEN NEAL, Manager of the British Columbia Electrical Association, leaves soon for Salt Lake City to attend an International League of Electrical Associations. gathering, where he hopes to talk with like-minded people and gather some new ideas.

His many friends in EIA were glad to welcome retiree AL HORWELL to the last meeting.

A warm welcome was also out for FRED OTTE, Life Member, who was at the September 10 meeting.

The Last Word.....

Probably the top enjoyment comes when you are old enough to know what you are doing but young enough to do it anyway.

JIM MUIR and wife of Surrey are away on September 27th on the SEA PRINCESS for a sunshine cruise to Hawaii and on to Tahiti.

VINCENT YU reports a conversation with Immediate Past President DAVE FITGER, who moved from the Lower Mainland to Kamloops to live. Dave has started a contracting business in Kamloops, which is what he planned to do when he left here. He reports that things are going quite well. Congratulations, Dave!

WELCOME NEW MEMBERS

A warm welcome is extended by the Association to the following new members:

ROBERT SCHMIDT, Municipality of Surrey, Inspector.

LARRY SUNELL, Omni Security Systems, Associate.

1990 MEMBERSHIP RENEWAL

PLEASE RENEW MY MEMBERSHIP IN THE ELECTRICAL INSPECTORS' ASSOCIATION OF BRITISH COLUMBIA FOR 1990.

ENCLOSED IS \$25 AS - AN INSPECTOR
AN ASSOCIATE

SIGNATURE _____

ADDRESS _____

MAIL TO THE ELECTRICAL INSPECTORS ASSOCIATION
P.O. BOX 80716
BURNABY, B.C. V5H 3Y1