

UNIVERSITY OF REGINA ARCHIVES AND SPECIAL COLLECTIONS

DR JOHN ARCHER LIBRARY

2005-11

OSCAR SEAWELL

**Biographical Sketch:** Oscar D. Seawell was born in the United States of America. In 1947 he received a Bachelor of Arts (Hons.) in mathematics and physics from Whitman College in Walla Walla, Washington.

In 1943-44, while pursuing undergraduate studies at the University of Utah, Salt Lake City, Oscar participated in a specialized training program for the United States Army in advanced civil engineering. Seawell's post-graduate work was undertaken while he was enrolled at the Massachusetts Institute of Technology in Cambridge where, in 1948, he graduated with a Master of Science degree in Civil Engineering.

Seawell took jobs in various streams of engineering - construction for two years, nuclear engineering for eleven years and for five years he worked in systems engineering, during this time he remained in association with the U.S. Army Reserve, Corps of Engineers from 1949 to 1983 rising to the rank of Lieutenant Colonel.

His career as an educator began at the University of Idaho where he taught engineering from 1952 to 1956. In 1956 to 1957, and also from 1961 to 1962, he taught an engineering extension course in nuclear reactor design at the University of California, Los Angeles. After this he taught at San Jose State College in 1964-1965.

In 1971 Oscar Seawell moved to Canada to accept an appointment as a professor of mechanical engineering at the University of Saskatchewan, Regina Campus where he was involved in the University's planning of the new Industrial Systems Engineering Program. Seawell served as the programs coordinator from 1977 to 1985. During his University career, Seawell also served on a number of university and faculty committees and retired as Professor Emeritus in 1989. He continues to reside in Regina.

Box 1      PERSONAL  
                 Biographical Information

UNIVERSITY OF REGINA/UNIVERSITY OF SASKATCHEWAN

University of Regina – Bachelor of Design  
proposed program and architecture  
programs at University of Manitoba and  
University of British Columbia  
University of Regina – Budget  
University of Regina – Co-op Work Study  
Program  
University of Regina Faculty Club  
University of Regina Financial Affairs  
University of Regina Fees and Tuition  
University of Regina Volunteers Listening  
Post  
University of Regina Early Retirement  
(early retirement not taken)  
University of Saskatchewan /University of  
Regina – Publications  
University of Saskatchewan – Saskatoon  
Engineering Extension

SASKATCHEWAN INSTITUTE OF APPLIED SCIENCE AND  
TECHNOLOGY

Other Education in Saskatchewan –  
Saskatchewan Institute of Applied  
Science and Technology (SIAS) Dental  
Nursing and Nursing

PUBLICATIONS

Academic Press  
Addison Wesley  
Atomic Energy of Canada Ltd. (AECL) Candu  
600 Documents  
Atomic Energy of Canada Ltd. (AECL) – Other  
publications (including Ascent)  
American Institute of Industrial Engineers (AIIE)  
Publication Sales (later Institute of Industrial  
Engineers (IIE) – new files started)  
Allen & Unwin (an English publishing company)  
Allyn and Bacon Inc.  
Amer Institutes for Research Systems Division  
American Nuclear Society Publications  
American Society of Mechanical Engineers  
Annual Reviews Inc.  
Books, Publishers, etc.  
Books by Regina Faculty  
Brooks/Cole Publishing Company  
Cambridge University Press  
Canadian Broadcasting Corporation and  
National Film Board films and videotapes

Box 2

Canadian Geographic  
Canadian Institute of Strategic Studies  
Canadian Nuclear Society Publications  
Canadian Publishers including Fifth House Ltd.  
Collier-Macmillan Canada Limited  
Computer-oriented publications  
Copp Clark Pitman  
C.R.C. Press (Critical Review)  
Design Catalogues – John Mantle's list of  
available catalogues with his materials  
Edward Arnold Publishers  
Elsevier (see August 1985 letter re seeking  
ideas on new textbook, in Elsevier file in  
section on publisher potential)  
Engineering Index Inc.  
Engineering Press Inc. San Jose  
Equinox – a Canadian magazine of geography,  
science and travel  
Fitzhenry & Whiteside Ltd. (Handles Harper and  
Row, INTEXT, Thomas Y. Cromwell, Indiana  
University Press, Bobbs-Merrill  
Follette College Book Company – Used Books  
Gage Publishing Ltd. (includes note re:  
discussing publishing possibilities)  
General Electric Bookstore  
General Publishing Company – Dove Books  
Gordon and Breach  
Government Institutions Inc.  
Government Publications Section - University of  
Regina Library  
Haralson Publishing Company  
Harper and Dow Publishers  
Hemisphere Publishing Corporation – handled  
by Harper and Row as of October 87 – Ellen  
Graca  
Holden Day  
Holt, Rinehart & Winston  
Hutchinson Publishers Group (available from  
GLC Publishers Ltd.)  
Industrial Engineering and Management Press –  
Institute of Industrial Engineers  
Industrial Engineering and Systems Publications,  
(magazines and journals)  
INFOR – the journal of Operational Research  
and Information Processing - Copies of INFOR  
on bookshelves  
Institute of Industrial Engineers – General  
Publications  
Institute of Industrial Engineers - Robotics  
International Atomic Energy Agency Publications  
International Data Corporation – Energy  
Research Reports  
International Textbook  
Iowa State University Press (includes Nuclear  
Power Plant Thermodynamics and Heat  
Transfer)  
IPC Science Technology Press Ltd.

Box 3

Irwin – economics and business texts Richard D.  
Irwin, Inc., Irwin-Dorsey of Canada  
John Deere Teaching Materials  
John Wiley and Sons  
Journal of Energy – American Institute of  
Aeronautics & Astronautics (AIAA)  
Kai Deb Films International  
The Kraprapper  
Lansford Publishing Co. Audio Visual Aids  
Longman's  
Maclean Hunter Ltd.  
Macmillan of Canada (different from Collier  
Macmillan)  
Marcel Dekker  
McGraw Hill Co.  
MCB University Press  
Mechanical Engineering Publication – Institute of  
Mechanical Engineers  
Merrill Publishing (Charles E. Merrill Publishing)  
Methuen Publications  
Massachusetts Institute of Technology Press  
(MIT Press) – includes Fluid Mechanics Films  
Systems Theory  
National Museum of Canada – re: Engineering  
in Canada  
Nature Weekly Science Magazine  
Nelson Canada  
North Holland Publishing Company (includes OR  
journals)  
Nuclear Engineering Texts  
Nuclear Technology International (published by  
Sterling Publications Ltd.)  
Open University Educational Enterprises Ltd.,  
England  
Oxford University Press, Canada  
Pergamon Press  
Perry School Supplies  
Peterson's Guides  
Pitman (includes manuscript submission info)  
Prentice Hall – (includes Industrial Engineers  
texts and Beston Publishing Co.  
Publishers Central Bureau  
Reference Books – General Interest, not  
Engineering  
Renewable Energy News  
Renouf Publishing Co.  
Reprints of Author Publications  
Research Institute Management Reports  
Resources-Research Publications at University  
of Regina  
Safety and Accident Investigation Publications  
Science Press  
Science Research Associates (SRA) and IBM  
Company – save for future reference re:  
publishing potential  
The Scientific Press, Palo Alto  
Society of Manufacturing Engineers

Solar Energy Publications  
Springer-Verlag (scientific publications)  
Statistics Canada  
Texts Loaned to Others – and magazines  
Texts ordered for classes and comments and  
suggestions re texts  
Textbook order schedule  
Textbooks requested for personal use  
Thomas Nelson and Sons (Canada) Ltd.  
Houghton Mifflin  
G. Totten Publications – Simon and Schuster  
University Publications - a division of Physical  
Biological Sciences Ltd.  
University of Regina Factbook  
University of Toronto Press  
U.S. Public Documents  
Wadsworth Publishers  
Wellesley-Cambridge Press

TEXTBOOK REQUISITION PROGRESS REPORT  
Engineering 351-001; 1989Fall

CLASS NOTES  
Engineering 220

COURSE WORK  
Engineering 451 (contains 4 folders)

CONFERENCES, SEMINARS and COLLOQUIUMS  
7<sup>th</sup> Canadian National Energy Forum, Halifax  
Nova Scotia (attended) February 21-211 1983  
INDEX '89 Industrial Exhibition, Saskatoon April  
6-8, 1989  
INDEX Industrial Exhibition in Regina, April 7–9,  
1988  
1983 Summer Computer Simulation Conference,  
Vancouver, B.C. July 11-13, 1983  
Energex '84 Regina, May 14-19 1984  
Energex '82 Regina and 8<sup>th</sup> Annual Conference  
of Solar Energy Society of Canada, August  
1982  
International Conference on Mathematical  
Modelling – after those I attended in past  
Opportunities International Conference, (follow  
up under Can. Bureau for International  
Education) July 1976  
Conference on Computers in the Undergraduate  
Curricula WSU June 74 and later conferences  
Conference of Engineering Heads and Chairmen  
Conference Site Potential Location  
Energy Conference - Miscellaneous  
Joint Power Generation Conferences and Power  
Plant Dynamics Symposia and Industrial Power

Conference  
 Nuclear Reactor Safety and Simulations  
 Conferences and other Nuclear Conferences  
 Nuclear Waste Management Conferences  
 Simulation and Modelling Conferences  
 Faculty of Engineering Research Seminar Series  
 and other Engineering Seminars  
 Materials Handling Seminars  
 Nuclear Meetings and Symposia  
 Short Courses re: Systems  
 Travel – Rules and Procedures and mileage rate  
 for cars  
 Travel – Forms and Instructions  
 Travel Government Cars (CVA) and rates for  
 use of personal car  
 Insurance: travel for University (includes  
 Saskatchewan Government Insurance (SGI)  
 insurance

GHANA PROJECT – Peter Catania  
 Ghana Project 1991 Information  
 (I did not work on this project)

#### THESIS / 4<sup>TH</sup> YEAR PROJECT

Sample work for Engineering / Communication class  
 (requirement for Industrial Systems Engineering  
 Program)

Residential Heat Loss Model for Mini  
 Computers, J. J. Manuela Yu 1982

#### Box 4 TEXTBOOKS/SOLUTION MANUAL

Textbooks used for Engineering 200 and 201  
 (Engineering Computations) at the University of  
 Regina in the 1970s (flagged notes in the text  
 books show problems assigned to students or  
 done in class or during problem sessions)  
 Fortran with Engineering Applications, Daniel D.  
 McCracken  
 Fortran for Engineering, William Schick. Charles  
 J. Merz, Jr.  
 Solutions Manuals to Accompany Fortran for  
 Engineering, Schick/Merz  
 Fortran Programming for Civil Engineers,  
 Richard H. McCuen

#### ENERGY SYSTEMS REFERENCE BOOK

Energy Developments: New Forms,  
 Renewables, Conservation, Ed. Fred A. Curtis

#### OVERSIZE STUDENT REPORTS

CLOSED Engineering 200 76 Winter  
 CLOSED Engineering 200 77 Fall

CLOSED	Engineering 201 78 Fall
CLOSED	Engineering 201 79 Fall
CLOSED	Engineering 201 79 Winter
CLOSED	Engineering 201 80 Winter
CLOSED	Engineering 330 84 Winter
CLOSED	Engineering 351 89 Fall

#### ENERGY RESEARCH / ENERGY SYSTEM CLASS

University of Regina Budget, for research and potential use in Engineering 451: Energy Resource Maps

(1 oversize item)

#### SLIDES

Used in Engineering 451

Energy In Perspective, IEEE

includes slides: 2-4, 8-12, 17, 20-36, 38-40

Continuation of Energy in Perspective, IEEE includes slides: 41-45, 47, 49-51, 53-80

Slides removed for shorter presentation.

IEEE includes slides: 01, 05-07, 13-16, 18, 19, 37, 46, 48, 52, 81, 82