



--Photos Courtesy Aurora Beacon-News

....AEC's Glenn T. Seaborg speaks to Pugwashers in NAL Village Barn....

DR. SEABORG PRAISES NAL PLANNING & PROGRESS

Prominent men and women in science and world affairs from 35 countries are meeting in the relatively relaxed surroundings of The Abbey, a resort hotel in nearby Lake Geneva, Wisconsin, to exchange opinions on major problems confronting mankind.

Some 110 scholars and scientists are attending the 20th Pugwash Conference on Science and World Affairs. The conference gets its name from the site of the first conference held in 1957 in Pugwash, Nova Scotia, the birthplace of its benefactor, Cyrus Eaton, the Cleveland, Ohio, industrialist.

This year, the theme of the two-week seminar is: "Peace and International Co-operation: A Program for the Seventies." The meetings are sponsored by the Adlai E. Stevenson Institute of International Affairs at the University of Chicago, directed by William R. Polk, a professor of Middle Eastern history. Dr. Robert R. Wilson, NAL Director, and Mrs. Wilson, who is book editor of The Bulletin of the Atomic Scientists, attended the first working meetings last week at Lake Geneva.

Last Saturday, some of the Pugwash scientists and scholars took a busman's holiday and visited NAL while others toured the Art Institute of Chicago and still others attended an "Operation Breadbasket" meeting on Chicago's South Side led by the Reverend Jesse Jackson.

About 20 scientists and scholars from the Pugwash meeting were welcomed to NAL at an informal meeting in the Village Barn conducted by Dr. Wilson. The NAL Director then introduced Dr. Glenn T. Seaborg, the Nobel laureate in chemistry who is chairman of the U.S. Atomic Energy Commission.

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DR. SEABORG PRAISES NAL PLANNING & PROGRESS (Continued from Page 1)

The AEC chairman said that he was fortunate to be in Chicago at a time when the Pugwash group was to be at NAL. He had come here to do some work at Argonne National Laboratory and to deliver a speech at the American Chemical Society annual convention in Chicago. Then, he turned to the theme of international co-operation, saying:

"This Laboratory will be open, under the proper auspices, to scientists from all over the world."

Dr. Seaborg said that he had been in communication with senior members of the Russian scientific leadership to develop plans for international co-operation in the area of high energy physics research at NAL when it is completed.

Dr. Seaborg said that the development and construction of NAL has been a "real success story so far." He said that the NAL effort was "about the only case where a large project was coming in ahead of schedule, delivering more energy than it was designed for and at a cost less than projected." He singled out Dr. Wilson with praise for his "leadership" in "this success story."

Looking into the long-range future of elementary particle physics developments, Dr. Seaborg told the Pugwash group: "If we ever build another accelerator bigger than this one, it could possibly be an international machine. It appears that it will be harder and harder to get funds for such large machines on a purely national basis." The proton synchrotron being developed at NAL has been authorized by Congress for \$250,000,000.

In his brief speech, Dr. Wilson advised the group that the NAL machine originally was designed for 200 BeV. However, he said, it now appears that it will provide protons with energies up to 500 BeV. He also outlined the general site layout and described the current status of construction. The meeting was followed by a tour of the Main Site and a luncheon. Representatives of the United Kingdom, France, Japan, Rumania, Poland, the U.S.S.R., India, the United Arab Republic, and Senegal were in the group.



....Looking over NAL visitor's packet are (L to R) Physics Prof. Norman Ramsey of Harvard University, also president of the Universities Research Association, Inc.; Francois Perrin, nuclear energy researcher and administrator from France, and Robert R. Wilson, NAL director....



....One Soviet delegate was Oleg A. Reutov, a member of the Russian Academy of Sciences and a professor of chemistry, University of Moscow. Here, Prof. Reutov (center) speaks with Edwin L. Goldwasser, NAL's deputy director, (left) and Dr. S. Bhagazantam, of New Delhi, India....



Photo by Tony Frello, NAL

....A recent aerial view of the NAL Village. Batavia Road linking the Village with the Main Site is at the top of the photo....

TUITION REIMBURSEMENT PLAN AVAILABLE

Here's a reminder for the Fall term:

All full-time regular and term employees of the Laboratory are eligible for participation in the tuition reimbursement program. Any degree program or formal course which the Laboratory deems appropriate and relevant to the employee's career will be approved for reimbursement.

Reimbursement is contingent upon the receipt of a grade accepted by the school for credit or statement of satisfactory completion from the school. Full reimbursement will be made for tuition, textbooks, laboratory fees and like expenses minus any other reimbursement payments received by the employee toward the cost. For further information, an employee should contact his supervisor.

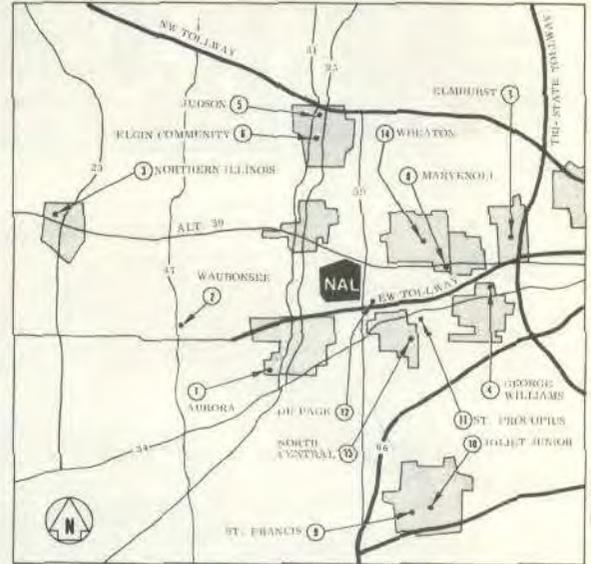


Wm. Butler

Copies of catalogs for both public and private colleges in the area may be inspected at 21 Sauk in the NAL Village.

Colleges and universities in the NAL area are shown on the map above. They are: (1) Aurora College, (2) Waubonsee Community College, (3) Northern Illinois University, (4) George Williams College, (5) Judson College, (6) Elgin Community College, (7) Elmhurst College, (8) Maryknoll College, (9) College of St. Francis, (10) Joliet Junior College, (11) St. Procopius College, (12) College of DuPage, (13) North Central College, and (14) Wheaton College.

Colleges near NAL



Map by Geno Loro

William Butler, Personnel, is in charge of employee education and development. His office has provided the following list of the 87 NAL employees who have so far received tuition reimbursement under the program.

James Achebe	Merle Haldeman	Clinton Martin	James Simanton
Richard Andrews	Mike Hardy	Michael May	Donald Smith
Alvin Adkins	Howard Hart	John McCarthy	Glen Smith
Edward Arko	Terry Hendricks	Delmar Miller	Richard L. Smith
Mark Augustine	James Hickey	Frank Nezrick	James Snow
Leon Bartelson	Robert Hively	Rudolf Nissen	Ed Stapleton
Shirley Bickel	James Humbert	Carolyn Noble	Bruce Strauss
James Bondurant	Ernie Ioriatti	John O'Meara	Herman Stredde
Ward Bosworth	Richard James	Bonnie Ortlieb	Joanne Stupak
Fred Browning	Frank Jasek	Gerald Ortlieb	Carl Swoboda
Frank Cesarano	Gerald Jones	Joseph Otavka	Stan Tawzer
Frank Cilyo	Richard Juergens	Margaret Pearson	Phyllis Thompson
Ronald Currier	Mark Kibilko	Janelle Quesenberry	Gerald Tool
James Edwards	Robert Kocanda	Don Richied	Thomas Topolski
Kenneth Fischer	George Krafczyk	Claus Rode	Carlo Velazquez
Anthony Frelo	Richard Krull	Jan Ryk	James Vesely
Howard Fulton	Erich Laukant	David Sanders	James Wendt
Kathleen Gehl	Kyu Lee	Fred Sarver	Roderick Wischermann
LaWanna Gordon	Dwayne Leifheit	Harold Satter	William Young
Johnny Green	Raymond Lewandowski	John Satti	Peter Zamie
Leonard Grimstead	John Lockwood	Robert Scherr	John Zuk
Walter Habrylewicz	Thomas Marshall	William Shumate	

IT'S NO LONGER "WESTON"

For months, the center of the National Accelerator Laboratory's administrative activities has been located in what is formally known as The NAL Village while the Post Office Address is P.O. Box 500, Batavia, Ill., 60510. Yet, the mass media and others continually seem to refer to NAL as being at Weston. Well, it's official now. The Village of Weston was officially dissolved last week, 22 months after the last of some 400 residents of the DuPage County suburb moved out to make way for acquisition of the site by the state of Illinois for the U.S. Atomic Energy Commission. Circuit Court Judge Bertram Rathje, in Wheaton, signed the dissolution papers after the 1970 census figures reported that nobody lives in Weston any longer. Weston was formed in 1963; it passed into history seven years after its birth.

VISIT YOUR CREDIT UNION SATURDAY

NAL employees are invited to visit the Argonne Credit Union office. It will have an open house concurrent with that to be held by the Argonne National Laboratory Saturday, September 19, from 10:00 a.m. to 4:00 p.m. Drop in at Building 33 (east area) to meet your Credit Union staff and see their new building. All NAL and DUSAF employees are invited to attend the Argonne "open house" that day. The cafeteria and picnic area will be open.

SCHEDULE ANTI-FLU SHOTS

Anti-flu shots for NAL employees will be given during the month of October at the First Aid house at 24 Sauk in the Village.

Mrs. Dorothy Poll, R.N., advises that the shots will immunize persons against Asian Flu and Hong Kong flu. Anyone who has had the anti-flu shots in the last two years will require only a booster. Otherwise, persons will need two shots -- eight weeks apart.

Mrs. Poll also has vaccines on hand for immunizations for other diseases for employees who need them because of their work schedules or travel plans. She has been giving anti-cholera and other shots for employees on travel schedules.



SPOTS BEFORE YOUR EYES? This photo, taken on a Sunday afternoon by Mrs. Carolyn Hines, is of thousands of Monarch butterflies fluttering out of a pine tree at Farm Building Number 50, at the corners of McChesney and Batavia roads. Mrs. Hines' husband, Robert, is Farm Manager; he presumably was feeding the NAL buffalo herd as she recorded nature scenes with her Polaroid.

BIKE RACE SEPTEMBER 22

The third annual NAL bike race will take place Tuesday, September 22, during the lunch hour -- at 12:30 p.m. There will be two races, one for men and another for ladies. Starting point will be 21 Sauk in the NAL Village. No modified bikes will be allowed, only Lab bikes, or equivalent. In the event of rain, a later date will be posted. Says Don Champion, chairman of the event, "To enter, just appear with a bike and lots of energy."

Raleighs may be ridden, but because of the diminishing number, there will not be a separate race for them.

ARE YOU INTERESTED?

Are you interested in rifle, pistol, bow, or trap shooting? Would you support and enjoy a Lab Gun Club?

Don Champion, of the NAL Social Committee, this week announced that 80 NAL employees have indicated an interest in such a club. If you want more information, call Don on Ext. 207.

ELEMENTARY PARTICLE HUMOR

The following is from the CERN COURIER, August, 1970, in an article reporting on various achievements by NAL technical and scientific sections:

"A quarter of the Booster ring is installed and has been powered. Part of the injection line, which will bring in a 200 MeV beam when the linac is completed and is in operation, controlled and adjusted via a computer. The first two r.f. cavities for the Booster were moved into place on the scheduled date of 24 July. (These scheduled dates, known to some by the resounding name of 'mile stones' are referred to by those responsible for meeting them as 'mill stones.' But they haven't missed many yet.)"

The Editors of the Village Crier further point out that there are many milestones that can be made, both literally and figuratively, on a 10-square-mile site. And, modestly or immodestly, one can forecast that hopefully there will be many more.

In an age of the metric system, it is gratifying to note that our colleagues at CERN are still aware of milestones. One of our physicists has suggested that the phrase "kilometer stones" is ambiguous and might even have a sinister note.

NALWO CALENDAR

- Sept. 17 Hand Arts. 1:00 p.m. White Farm.
- Sept. 19 Bon Vivant. Korean dinner, Sam-Mee Restaurant, 3370 N. Clark St., Chicago. 8:00pm. \$5.00 per person. For reservations call Rosemary Billinge, 469-9093.

NEW MEMBERS WELCOME!!!!

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