The Village Crier

national accelerator laboratory

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AEC GIVES HIGHEST HONOR TO KENNEDY C. BROOKS

Kennedy C. Brooks has received the U.S. Atomic Energy Commission's Distinguished Service Award -- the highest honor the AEC can give to any employee.

Brooks who is known as "Casey" by his many friends, is the Area Manager for the AEC's NAL facility office located in the NAL Village.

He received the award at a presentation ceremony Tuesday, July 28, in Washington, D.C.

AEC Commissioner James T. Ramey presented the award to Brooks. The Distinguished Service Award consists of a gold medal, a certificate and a citation.

...U.S. AEC Commissioner James T. Ramey (left) presents award to Kennedy C. Brooks...

In presenting the award, Commissioner Ramey cited Mr. Brooks for his contribution to the construction and operation of the AEC's Gaseous Diffusion Plant at Paducah, Kentucky; for spearheading, within the AEC, the development of construction cost estimating techniques and capabilities; and for his firm and effective leadership in the on-going construction of the world's largest high-energy accelerator at the NAL site.

A Government employee for 35 years, Brooks first joined the AEC construction program as as engineer in Oak Ridge, Tennessee, where he was involved in construction of the Oak Ridge National Laboratory.

Late in 1950, he was transferred to Paducah, Kentucky, where AEC was beginning construction on its second gaseous diffusion plant. Now valued at approximately $800 million, this plant is one of only three such facilities built in the United States for the production of enriched uranium.

Brooks later served as Area Manager for the Paducah Gaseous Diffusion Plant until 1962, when he was promoted to Assistant Director for Construction and Engineering at AEC Headquarters in Washington, D.C.

In July 1968, Brooks moved to the AEC's NAL Project Office as Area Manager.

"The AEC considers this a most important project," Brooks said, "and I am happy to be a direct part of it."

Glenn T. Seaborg, Chairman, U.S. Atomic Energy Commission, also spoke at the ceremony. Among others in attendance were Professor Norman Ramsey, President, Universities Research

(Continued on Page 2)

AEC GIVES HIGHEST HONOR TO KENNEDY C. BROOKS (Continued from Page 1)

Association, Inc. and Bradley Bennett, Vice-President, URA.

A letter sent by Robert R. Wilson, NAL Director, to Dr. Seaborg on the eve of the award was read in part at the ceremony. The letter, dated July 16 said:

Dear Glenn:

"The good news that the Atomic Energy Commission is going to present its Distinguished Service Award to K.C. Brooks on July 27th has just reached me. I cannot tell you how pleased I am. I have commented to you and others privately about all of the help we have received from K.C. Let me repeat some of these comments more formally."

"K.C. has made, and is making, a tremendous contribution to this project. He has thoroughly understood our problems. It would doubtless have been easy for someone in his position to do a good job by being reasonably cooperative with us in a somewhat bureaucratic way. In such a case, we would have expressed our gratitude for such cooperation and for the fact that there had not been roadblocks put in our way. In contrast to this K.C. Brooks has not only forseen possible difficulties, but he has helped solve our problems, not just those that we might have created ourselves but those related to the general problem of creating a laboratory in a new location. He has used imagination and initiative and has inspired his co-workers and staff to do likewise. We have been able to communicate with his office in such a way that we receive necessary Commission approvals in what we consider to be record time."

"I have been claiming that we should be able to have an accelerated beam of protons as much as a year before the time originally scheduled. This would not have been possible were it not for the assistance given by K.C. Brooks. I am proud to have him as a co-worker on this project and as a very good friend."

Sincerely,
Robert R. Wilson

Brooks and his wife Imogene have two sons, Kennedy A. and Andrew L. They live in Wheaton, Illinois.

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FIRST QUARTER OF BOOSTER IS POWERED

Progress continues to be made by the men and women working towards completion of the Booster in the NAL accelerator system -- that vital intermediate accelerator that will give the protons 8 BeV energy as they are bound for the Main Ring.

On Friday evening, July 31, powering of the first quarter of the rapid-cycling synchrotron was accomplished.

ROY BILLINGE

Roy Billinge, Booster section leader, explained that "the endeavor involved virtually everyone in the Booster section and represented a very significant step toward completion of this accelerator."

The first section of the Booster ring was powered to a magnetic field equivalent to 8 BeV.

The occasion also marked the first successful operation of NAL's central control system using the new "control language." Simple instructions such as "set magnet on" were typed into the control computer

(Continued on Page 3)

FIRST QUARTER OF BOOSTER IS POWERED (Continued from Page 2)

to turn on the power supply and adjust the magnetic field level in the quarter-ring. The control computer routed these messages to a "mini-computer" in the West Booster Gallery which then interpreted them and sent commands to the appropriate interface module. The module then translated and stored the required conditions in a suitable form to operate the power supply.

Billinge said that the next milestone on the Booster group calendar is to power one-half of their proton synchrotron during the month of September, prior to taking a beam form the Linac, bending it half the circle and passing it out to the Main Ring.

Incidentally, development of the new special "control language" for NAL was under the direction of Donald Edwards, Accelerator Theory, who is controls co-ordinator for the entire NAL Accelerator system. He worked with Lowell Klaisner and Keith Rich as a special controls task team in developing a computer language for the accelerator. The language will be used in the "mini" computers to be linked with the main computer center.

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FORM BOWLING LEAGUE

The NAL bowling league will begin its third season soon. Bowling will take place at the Bowling Green alley, on Roosevelt Road, West Chicago, on Friday evenings beginning at 8:00 p.m. If you are interested in joining, please advise Marilyn Paul, Experimental Facilities section, before Friday, August 14. A meeting will be held soon to advise bowlers of the starting date of league play, fees, etc.

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HAPPY HOUR AUGUST 19 FEATURES PORTER BROTHERS

A "happy hour" for NAL and DUSAF employees will be held Wednesday afternoon, August 19, from 5:00 to 6:30 p.m. Refreshments will be 25 cents and 50 cents; hamburgers will be 25 cents. NAL's own Porter Brothers will play and sing your favorite country and western nusic.

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OOPS! The Village Crier last week reported that the Linear Accelerator section at NAL, in achieving a proton beam in the Linac accelerated to 66 Million Electron Volts (MeV), had set a record for the highest energy ever achieved in a proton linear accelerator in the United States. However, 68 MeV was reached in a proton linear accelerator at the University of Minnesota in November, 1955. We are sorry for this error

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NAL PICNIC WILL BE HELD SUNDAY, AUGUST 23, FROM 10:00 A.M. TO 3:00 P.M. IN THE NAL VILLAGE. REFRESHMENTS WILL BE SERVED.

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GOLF OUTING SEPTEMBER 26

The NAL Social Committee is sponsoring a golf outing at the Fox Valley Country Club in North Aurora on Saturday, September 26. Tee off time at 8:30 a.m. The day includes golf, a beef dinner in the club house and prizes,all for $10 per golfer. For reservations call 829-2616 or Ext. 225 or Ext. 300. Deadline date for reservations is August 19.

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INTERESTING VISITORS AT NAL DURING JULY

Professor Mahmoud Samra, (right) Dean, Faculty of Arts and Vice President of the University of Jordan, Amman, Jordan and Mr. Alfred Hobbs, (left) Department of State escort and interpreter for Dr. Samra, visited the Laboratory on July 23rd. Dr. Samra was in this country participating in the International Visitors Program, Bureau of Educational and Cultural Affairs, Department of State from July 15th until August 5th. Dr. Samra received his Bachelor's Degree at Cairo University and his Doctorate in Comparative Literature, School of Oriental and African Studies, University of London.

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Dr. and Mrs. (also Dr.) Martin Stearns and their two sons, Daniel and Ricky, toured the Laboratory on July 22nd, while on their vacation. Dr. Martin Stearns is Dean of the College of Liberal Arts, Wayne State University, Detroit. Mrs. Stearns, a physicist, is on the staff of the Ford Science Laboratory.

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REMINDER

Swimming pool memberships still can be purchased at the NAL Personnel office.

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DUPLICATE BRIDGE SESSION

The next duplicate bridge session will be held in the NAL Cafeteria on Thursday, August 20, at 8:00 p.m. Please contact Spike, Ext. 351, or Bill Johncox, 879-2200, if you plan to take part.

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HORSEBACK RIDING

If you are interested in helping to set up a horseback riding club at NAL, please contact NAL Personnel at Extension 225.

SOFTBALL SCORES

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August 4

R.F.	10	vs.	Linac	0
Physics Research	24	vs.	Beam Transfer	9

August 6

Beam Transfer	20	vs.	Physics Research	17
Linac	15	vs.	R.F.	14

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CLASSIFIED ADS

FOR SALE - 23' Owen Cabin Crusier. 283 Chevy engine. Recently rebuilt and refinished. New depth sounder, galley, ice box, stand-up head, coast guard accessories; including water skiis, belt & tow rope. Call Skip Skaggs 879-2755.

FOR SALE - '70 Dodge Charger 383 magnum, excellent condition. Must sell. Call Sandra Hamlin, Ext. 388.

WANTED - Good used car, not over $130. Contact Richard Belk, Ext. 366 or Curtis Danner, Ext. 242.

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