

# BROOKHAVEN BULLETIN



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# **Brookhaven's Knight Of Nuclear Physics**

For 21 consecutive summers, Denys Wilkinson, the head of the Nuclear Physics Laboratory at Oxford University, has been coming to Brookhaven to do research. This summer he has come to us in a different form, not just as a scientist but as a knight. On June 15, 1974 he became Sir Denys Wilkinson.

Each summer he spends from three weeks to three months working at the Tandem Van de Graaff facility, primarily with David Alburger. His continuing interest has been in the nuclear structure of light nuclei, chiefly less than mass 20. In recent years he has been especially interested in beta radioactivity, where nuclei emit beta particles.

In view of his recent knighting, the Brookhaven Bulletin interviewed him last week to find out a little more about the various honors bestowed upon individuals in England. The interview follows:

Bulletin: I know there are quite a few honors individuals in England can receive for services to their country. Could you describe these various honors and how one gets them? Sir Denys: Yes. It is a very elaborate, curious business. Maybe I should begin by saying that, technically, honours are bestowed by the Queen. There are a couple of major "handouts" each year. One is at New Year and that is called the New Year's Honours



Sir Denys Wilkinson

and there is one around the beginning of June called the Birthday Honours.

Bulletin: Is this in honor of the Queen's

Sir Denys: The Queen has two birthdays, she has one of her own and she has an official birthday. The official birthday is celebrated by various pageants and the Trooping of the Colour which is a big parade of a chosen regiment carrying the standard. The Queen is there and everybody salutes everybody else and has a fine time. It is on the official birthday that the second honours list is published. It is usually in the first two weeks of June, but it changes from year to year and I have no idea what fixes it. It is sometimes as early as the first of June but this year it was a little late, on June 15. The two honours lists are quite extensive, the most modest honour being a Member of the Order of the British Empire. There really isn't a British Empire any longer but one still calls it the British Empire. I suppose there still is a British Empire but there is not much left of it. The Member of the Order of the British Empire (M.B.E.) is given for all sorts of things. If you have been a very faithful organizer of a post office for 50 years, you could become an M.B.E. If you win a gold medal in the Olympics, you may become an M.B.E. As a matter of fact, on this particular occasion, a champion weight lifter received an M.B.E. There is always a mention of what you got it for, and he got it "for services to weight lifting." The Beatles were given M.B.E.'s for services to export. I don't know how many M.B.E.'s are given each year, maybe a few hundred, but they are given for modest public service or striking sporting

After the M.B.E., the thing up, which is still part of the Order of the British Empire, is the Officer of the Order of the British Empire (O.B.E.). This is given for higher grade activities. It is even given, occasionally, to someone like the chief engineer of a national laboratory after 10 or 20 years of service. In fact, that hapened to the chief engineer at the Rutherford Laboratory, the nearest British analog to Brookhaven. Receiving an O.B.E. is quite respectable. A well-known actress, actor or author could

The next honour within the Order of the British Empire is the Commander of the Order of the British Empire (C.B.E.). Of course, there are a lot less O.B.E.'s than M.B.E.'s given, and there are only about 100 C.B.E.'s given each year. A C.B.E. would go to someone like the director of a national laboratory. The last director of the Rutherford Laboratory got a C.B.E. The present one has not received one yet, but he probably will in two or three years. Many of these things are not given automatically, but can be expected to be received by people in public service. C.B.E.'s go to fairly senior people, like heads of national laboratories; but they don't all get them. Almost always the head of a sizable national laboratory, let us say with a staff of 500 or more, will finish up before the end of his days with a C.B.E.

Bulletin: Can somebody receive a C.B.E. after geting an O.B.E.?

Sir Denys: Yes, you can graduate. It is not terribly common but it can be done. Walter Marshall, the Director of Harwell, was given a C.B.E. a couple of years ago. Somebody in that position can expect to receive a C.B.E., providing they behave themselves. The majority of C.B.E.'s go to people who have done some service to the state. They are given for a mixture of reasons, partly for personal distinction and partly for service. A C.B.E. is quite often given to the head of a major university laboratory. The head of the Clarendon Laboratory at Oxford has a C.B.E. If you have been active in government committees, you might pick

Bulletin: Who decides which individuals will receive these various honors?

Sir Denys: That is a very complicated business. It is not really known and it changes with the level of the award. For the M.B.E., the head of a big national enterprise, like British Railways, would be asked to rec-



### Spray Irrigation Reviewed

Published by the Brookhaven National Laboratory Public Relations Office



Max Small, DAS, shows the BNL Spray Irrigation Project to members of four New York State water authorities. The visit to the Project was part of a two-day annual Water Authorities Conference. This year's conference was hosted by the Suffolk County Water Authority, chaired by Walter C. Hazlitt. They also viewed a movie on the Project, which was narrated by Jack Hennessy.

ommend maybe one or two of his staff. His recommendation would be sent to a man called the Patronage Secretary, who is on the Prime Minister's staff. The Patronage Secretary decides whether the recommendations are reasonable or not. To some degree, the same procedure is followed for an O.B.E. but when you get to the higher honours it is hard to find out how the selections are made. The Patronage Secretary keeps himself well informed by reading the newspapers and staying in touch with the various learned societies and organizations to whose members the honours might be expected to go. It is his job to find out, by whatever means he has, who in the country has done the kind of thing for which these honours are given out. The Royal College of Music, for example, will reccommend certain people to whom they think distinctions should go and these recommendations may or may not be acted on by the Patronage Secretary.

Bulletin: How is an individual first told that he will receive an honor?

Sir Denys: You are asked five or six weeks ahead of time whether you would welcome the offer of the honour if the Queen were to be graciously pleased to make it to you. This is to avoid embarrassment because not everybody wants it. Somebody might have a political reason for not wanting to accept an honour from the Crown. Some people turn an honour down because they do not think it is good enough. I have known people who have been offered an O.B.E. and they have thought they were worth at least a C.B.E., so to avoid problems of that kind one gets asked ahead of time by the Prime Minister. You receive a letter from the Prime Minister's personal secretary saying that the Prime Minister has it in mind to suggest to the Queen that she should bestow this honour, but before he asks the Queen he would like to be assured that it would be agreeable to you. Then you write back saying yes or no.

Bulletin: After the three categories within the Order of the British Empire, what higher honors come next?

Sir Denys: Then you have the various orders of knighthood and it gets even more complicated. The Order of the British Empire also has a grade of knighthood known as the Knight Commander of the Order of the British Empire (K.B.E.). But this goes almost entirely, and I don't know of a case to the contrary, to public servants. There is another order of knighthood, and they begin to sound more and more complicated, which is the Order of the Bath. A Knight Commander of the Order of the Bath goes, I believe, exclusively to civil servants and similar government officials. For example, if you are a senior man in the Treasury, vou might become a Knight Commander of the Order of Bath. Then there is the Order of St. Michael and St. George, which has a commander and a knight category within it. This honour tends to go to people in the foreign service. Then there is the (Continued on page 2)

## It's O-Kay In Personnel

Hers is the first face you see when you enter Personnel. She'll greet you with a cheery "hello" and an honest "may I help you?" Her name is Kay Hunt and she's the receptionist and preliminary interviewer at BNL Personnel. If one gets good vibrations upon first being interviewed it's because Kay has a great sense of helpfulness.

It is Kay's responsibility to gather all the pertinent information concerning an applicant and to route the person's application to Ric Villacara, Supervisor, Personnel Placement and Development. It is she who disseminates all information to prospective BNL employees regarding the availability of a position and the time period within which they may expect to be called.

'I like my job," says Kay. "I also enjoy helping and being in direct contact with people constantly. Even when it gets busy, I don't get unnerved."



M. Kay Hunt

Kay began working at BNL in April of 1968 as a keypunch operator in Applied Math. After working there approximately a year she came to Personnel where she first spent some time in the insurance section and then in personnel records. Kay found this experience valuable and she states, "by floating around I learned a lot about the Personnel Department. I found that there was more involved than just interviewing and routing. When I first came into the employment section my primary duties were that of a receptionist. Then I began working as a secretary with LeGrand Newman. It was during this time that I became involved with the various student programs at the Lab."

Presently, Kay is assisting George Sabine with the '74 Youth On Campus (YOC) Program. Not only does she play an instrumental part in setting up the program (Continued on page 2)

### **Brookhaven's Knight** (Continued)

honour I got, called the Knight Bachelor. In the old days, hundreds of years ago, there were many orders of knights like the three that survive. They were all swept together and called Knight Bachelor, for some curious reason. So people who are not government servants and receive knighthoods usually become Knights Bachelor. There are about 50 given a year. They are given to people such as the chairmen of our scientific research councils which are the British equivalent of something like the National Science Foundation. If the chairman of such a council were a permanent government employee, he would probably become a K.B.E. but if, for the sake of argument, he was just on leave for five years from his university, then he would probably become a Knight Bachelor. Also, a particularly successful director of a national laboratory might be made a Knight Bachelor or K.B.E. rather than be given a C.B.E. When Cockcroft was the director of Harwell, he was made a knight. There is no reason why the present director of Harwell, Walter Marshall, should not be made a knight. It is my guess that he will be made a knight. It is always surprising when someone like myself, who has done nothing in particular in the way of government service, is made a knight. At Oxford,



for example, we have maybe 20 science departments and the heads of just two of them are knights, myself and the head of the Organic Chemistry Department. But we are suposed to be scientifically distinguished to some degree or another. A Nobel Prize winner seems to get a C.B.E. straight away or he gets a knighthood about five years later. In some instances, an individual can be knighted by virtue of his office. For example, in the Ministries, the most senior permanent civil servant is a man called the Permanent Secretary. He is almost always given a knighthood, it is something that almost comes with the job. Presumably, they have some merit to get the office in the first place. There are certain high honours bestowed upon individuals purely for personal distinction and do not go with office. One is called the Companion of Honour (C.H.). It is a higher honour than knighthood, although it does not carry a title. I would remain Dr. Wilkinson, C.H., if I were to receive this honour. A really well known figure in a field would get a C.H. I do not know any scientist who has one, but there is no reason why not. Benjamin Britten ble for some really major change in legislative practice which was recognised by all political parties, then he might become





a Companion of Honour. The highest of all the honours is something called the Order of Merit (O.M.). This is limited to 25 holders at any one time. So that is really the tops; for personal distinction you can't go higher than the Order of Merit. It is held by a few scientists at the moment, like the Nobel Prize winners Paul Dirac, Dorothy Hodgkin and Patrick Blackett, who died just a few weeks ago.

Bulletin: Is being a baron more prestigious than the Order of Merit or is it a different category altogether?

Sir Denys: It is different, it sort of branches. Up to the orders of knighthood, a person can be honoured for a whole variety of things. By the time you get to the orders of knighthood, you begin to be honoured for specific reasons. Then it branches and you have these two higher orders, the Companion of Honour and the Order of Merit. These are strictly and obviously for merit. Then you have the various orders of nobility: the members of the House of Lords. The lowest member being the baron, then the viscount, earl, marquis and duke, in that sequence. There are one or two scientists who are barons. For example, Lord Blackett, was a very distinguished scientist. He is a particularly interesting example because he was rather to the left politically, so he would have nothing to do with the ordinary kinds of honours. He did not believe in much of our governmental system and would not accept a knighthood although he had received a Nobel Prize. But he did accept a barony because that would give him a public voice in the House of Lords, where he thought he could do the country some good. The orders of nobility are usually not given purely for personal merit. The government from time to time feels that it would like to have a voice representing a specific area of public activity in the House of Lords. For example, Lord Bowden became a member of the Labour Government. 12 years or so ago. The Labour Government wanted to have someone who knew about science in the House of Lords so it made him a lord.

The Prime Minister can at any time create a baron to sit in the House of Lords. If the Prime Minister were embarrassed by a recalcitrant member of his party in the House of Commons, and wants to get rid of him, he could make him a baron. This would move him out of the House of Commons and into the House of Lords.

**Bulletin:** Do special privileges accompany any of these honors?

Sir Denys: No, I think it is chieflly just an honour. I don't think it would help you get out of a traffic offence or anything of that sort, but I suppose it is very useful to some degree. One's wife is very pleased about it, for one thing. There is no financial benefit and it does not give you a parking spot in the middle of London. It has a sort of negative benefit when people start asking you to be on more committees.

**Bulletin:** Does the title "Sir" just accompany the orders of the knighthod?

Sir Denys: Yes. If I were a K.B.E., then I would write my name, Sir Denys Wilkinson, K.B.E. Or if I was of the Order of the Bath, then my name would be followed by K.C.B. But with Knight Bachelor, you usually don't put anything after your name unless you want to write "Kt". Of course, the thing that is often mistaken is that you must use the first name. Foreigners, particularly continentals, would say Sir Wilkinson, which is totally wrong. It has to be "Sir Denys." It is also wrong to use initials like Sir D.H.

Bulletin: Are you getting used to your new

Sir Denys: No, not quite yet. I think my wife is getting more used to it than I am. Bulletin: How are the orders of knighthood today compared to the knights of centuries ago?

Sir Denys: You mean when one wore armour?

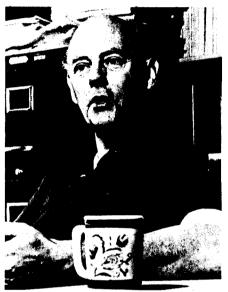
Bulletin: Yes.

Sir Denys: Well, it is a complete continuity. Centuries ago knighthoods were given only for military activities. A knight was a fighting man. In its origin, it is purely military. Quite often in the field of battle in those days, if someone had done a really good bit of fighting, the sovereign would actually strike him on his armour with a sword and knight him right there. In particular, the order of knighthood that I have, the Knight Bachelor was formed by bringing together all the old orders of chivalry. They still give knighthoods for military service. I didn't mention that there are two kinds of Honours Lists, one called the civil list, which I have been talking about, and the military list which is for admirals and generals. If you are a high ranking general, then, you could expect to receive a knighthood sooner

Bulletin: Can any of these honors be in-

Sir Denys: Until quite recently all the orders of nobility were inherited. But about 20 years ago an additional life peerage system was introduced which means you carry the title until your death but it cannot be inherited by your children. The inherited titles of nobility and also the Baronet, which as the name suggests, is like a small barony, and is also inherited, are almost never created nowadays.

**Bulletin:** Is there an actual ceremony which accompanies a knighthood?



Sir Denys: Yes, there is something called an investiture which has not happened to me yet. It will take place this fall. You go to Buckingham Palace and the Queen officially bestows the honor on you. The honor becomes operative as soon as it is announced but it does not become official until you have been to the investiture.

# Letters To The Editor

Dear Sir:

I wish to express my thanks to each and every one, donators and workers, who helped with the fund for Paul Kelly.

We, the personnel of the cabinet shop, had decided to make whatever contribution we could for Eileen Kelly. By word of mouth other people heard of our plan and were eager to contribute. It was very gratifying to realize how many people were interested and desirous to help.

People will ask why an effort was made to act on Paul's behalf. I would say that close to half of the Lab's personnel either knew Paul or knew of him. Knowing him, no explanation is needed. Physically small, but very large in stature and heart, the helping hand he had for others was his welcome sign. Whatever ideals he or others had, he would work with earnest to put these ideals across. Paul was labor, I was management; we had our little heated discussions. I respected his ideas and he respected mine, and there was never any prolonged animosity.

All through our lives, most of us take things for granted, and in this case, I took Paul for granted. As Pat Towey expressed in her letter, "I wish I could say 'Thank's, Paul'," I also wish I could say "Thank's, Paul." In our sign shop there was a poster listing all of Paul's affiliations with the Lab, which amounted to a dozen. On the bottom was a quote which was very true of Paul's character – "Part-time friend to those who have none."

We tried to keep a list of all the donators. This list will be given with the donation to Eileen Kelly. Once again, my sincere thanks and gratitude to all who helped.

—Walt Chornoma

### 2-Yr Contract Signed

On July 26, Laboratory Director, George Vineyard, announced an agreement between the Laboratory and the IBEW Local 2230. The two-year labor contract agreed to is effective August 1, 1974 through July 31, 1976.

In his announcement to the employees, the Director said, "The contract provides for a wage increase for employees covered by the agreement of 7.5 percent to be effective Monday, August 5, 1974, and 9 percent to be effective Monday, August 4, 1975. Both of these percentage increases are to be applied to the present base hourly rates.

The agreement further provides for an increase in Major Medical maximum coverage for active employees and dependent from \$50,000 to \$100,000, and for retired employees and their dependents from \$25,000 to \$50,000 effective August 1, 1975. This change in Major Medical maximum insurance coverage will apply to all persons covered by the Laboratory's group medical insurance effective August 1, 1975.

The members of both the Laboratory and the Union negotiating committees are to be commended for their accomplishment in reaching this accord."

### It's O-Kay

(Continued)

each year but she has developed a certain rapport with the program participants. The students know they can come to Kay to discuss problems whether they be in relation to their work or on a personal matter. "For the YOC Program we try to get the kids that need help the most. The ones that are fighting to make it through high school or those who are going on to college and don't have anybody to really help them out."

When asked about her feelings on Women's Lib Kay replied, "I think that's something each individual woman should decide whether or not to get into. There are some things that I feel strongly about, one of which is that if a woman is doing a job that a man also does it's only fair for the female to receive the same pay. With regard to things like that the Women's Movement is a good thing. But sometimes I like the special niceties women usually get. I was glad to see the women on the Security force here at the Lab. I feel that a woman should be allowed to do any job that she can physically manage and that she enjoys."

An important part of Kay's personality is her love of sports. "Sports is my thing," admits Kay. She is the captain and cofounder of a BNL softball team the Oh-Kays and is their star pitcher. "I've always liked sports," recalls Kay. "It is a carryover from high school. I love playing on a mixed (males and females) team. It makes for a more exciting game and gives all the players a chance to branch out." Kay is also the captain of the Alley-Oops bowling team. "My Leo characteristics really come to the fore in sports," comments Kay. "I like to organize the teams and get people involved." Besides being captain of both a bowling and a softball team Kay also participates in volleyball. This fall she hopes to help plan the organization of a ladies basketball team. When not on the playing field, Kay could be found attending a concert, going to a show or entertaining guests at her home, "I also like to take pictures but I'm not what you'd call a photographer,"

One of the happiest events for Kay was her election to the BERA Board, for which she serves as Secretary. "Since I had been nominated, and because I love sports so much I figured I might as well try running for the Board. I never really thought I'd make it. I was really pleased," reflects Kay.

Eventually Kay feels that she would like to return to school. "I want to get more into the Personnel field. I like working with people and helping them 'get jobs. The hardest thing for me, on my job, is to have to turn people away who really need or want to work."

As I left Personnel Kay was as busy as ever. The telephone was ringing frantically while she was interviewing an applicant. And from over the hub-bub that was enveloping her I heard Kay calmly say, "Hi, may I help you?"

Kay lives in Port Jefferson with her husband Reggie and their daughter Regina. - Angela Hill Brookhaven Bulletin

August 2, 1974

### A Young Man And The Sea

Harvey Lotko, Supply and Materiel, works at a sideline that suits him well. On weekends he pilots a ferry for the Davis Park Ferry Company. During the week he is here at BNL working as a forman assigned to the AGS area.

"I have always liked being on the water and I've always been interested in piloting. The Coast Guard offered me the opportunity to learn what I wanted to do most" says Harvey. When I came out of the service in '57 I began working part time as a mate for the ferry company. After three or four years I went into Manhattan and took the test for my pilots license."

Harvey works from both the Patchogue and Bellport docks. On Friday evenings he can be found loading groceries on a smaller boat which he then takes across Great South Bay from Patchogue to Davis Park. On Saturday and Sunday Harvey has the passenger run from Bellport Village dock to the Village Beach on Fire Island. "I particularly like working out of Bellport, says Harvey. It's quieter, somewhat like Davis Park used to be 15 or 20 years ago. The people are more relaxed. They don't have to rush in order to make a train like they do at Patchogue."

The pilot test, which is given at the U.S. Coast Guard Marine Inspection Office covers many principles of navigation, including chart plotting, first aid performance, fire fighting, and most of all, seamanship. Renewal of the license is mandatory



Harvey Lotko

every five years. "This year I understand there will be numerous questions concerning oil pollution. Protecting the waters is very important, but especially in the Bay area where there are so many people," reflects Lotko.

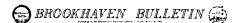
Luckly, Harvey has never encountered any misfortune or danger while carrying people across the Bay. "I did have a pregnant woman on board once and I got into some rough weather. She was about due and I was hoping to get back to Patchogue in time. Thank goodness I did, recalls Harvey, smiling.

Boats and the sea play such an important part in Lotko's life that even during the winter while ferry service is shut down he utilizes the aquatic surroundings. "I can use the Great South Bay all year round, comments Harvey. I have an ice scooter which I sail in the winter."

Some of Harvey's love for the sea has rubbed off on his family. His eldest son, Harvey, Jr., is his father's first mate on the Bellport-Fire Island run. "It's a good experience for both of us, says Harvey Sr. I'm happy to be able to be so involved with something I happen to greatly enjoy."

Lotko lives in Patchogue with his wife Janet and their three sons.

—Angela Hill



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Barney McAlary, Fiscal, gives a lecture to the Youth On Campus (YOC) Program participants concerning the problems of everyday banking. The talk covered opening a bank account, how to reconcile your bank statement with your checkbook, and the preparation of family budgets. McAlary also discussed the primary function of the Fiscal Department at the Laboratory.

### **Magnets Fill Theatre**

Close to a month ago, concerned employees watched as a huge hole was knocked into the west wall of the old theater building. It appeared to some that the theater was being torn down when, in reality, it was being converted into a store room.

The old theater now houses the main ring magnets from the obsolete Cambridge Electron Accelerator (CEA). Having served its purpose as the first accelerator in the United States with storage ring capability, the 6 GeV accelerator was shut down by the AEC in June 1973. It was built during the years from 1956 to 1961 at a cost of \$11,500,000 and was operated for the AEC by Harvard University and the Massachuettes Institute of Technology.

The machine was disassembled and its various components distributed amongst the different national laboratories. At the request of Arie Van Steenbergen, Accelerator, Brookhaven National Laboratory received the main ring magnets.

When the magnets arrived, there was a problem of where to store them. Because Berkner Hall has the facilities to accomodate the audiences that used to fill the theater, it was decided to convert the old theater building into a store room for the CEA magnets.

The fate of the magnets is not certain but they will remain in the theater until some use for them can be found.

### **Pool Contests**

Last Friday's pool special included a diving contest for children over 10 years old and paper plate races for five to six and seven to nine year olds.

Parents and guests judged the diving contest in two categories: the Crazy Dives – won by Andy Auberger, Todd DeBray and Kenny Gray.

At the same time, paper plate races were being conducted at the pool's shallow end with winners Claudia Meyer, Sandra Cowdy, Mary Beth Shanley and Pete Debray for the five and six year olds, and Todd Girolano, David Miles and Eric Meyer for the seven to nine year olds. All left the pool with big smiles and official recreation program ribbons for 1974.

This week's pool special is the Relay Races and next week will be the Tug-of-War and Ping Pong Ball and Spoon Races.

### **Official & Special Events**

Friday, August 9 Movie – 8:30 p.m., Berkner Hall

Wednesday, August 14
Navy Meeting - 7:30 p.m.,
Brookhaven Center

Friday, August 16 Movie – 8:30 p.m., Berkner Hall

Tuesday, August 20 Concert - 8:30 p.m., Berkner Hall Wednesday, August 21

Summer Workshop on Nuclear Power – Benefits and Risks, Room B, Berkner Hall

# Arrivals & Departures

#### Arrivals

Rosemary C. Cohen ...... Tech. Infor. Chandra S. Pande ..... Applied Science

#### Departures

Patricia A. Brennan	Applied Math
Roy S. Chaleff	Biology
Alice R. Fulcher	Physics
Anthony T. Gody	Mech. Engrg.
Susan B. Sokolsky	Applied Science

### **Pool Schedule**

Monday through Friday

11:30 – 1:00 employees only 1:00 – 2:30 children's lessons 2:30 – 9:30 employees/families/ visitors

Saturday & Sunday
1:00 - 6:00 employees/families/ visitors

Admissions:

Daily - employee/family member visitors 50¢
Season - employee/family member family \$10.00 \$20.00

### **Selected Reading**

New Sci. 62, June 13, 1974

Reminiscences of the Cavendish. G. Thomson.

With apologies to Karl Marx. S. White. 693 Will India's blast become a bomb? A.K. Agarwal. 696-9

Phil. Trans. Roy. Soc. London, Ser. A 276,

Energy in the 1980's. A discussion organized by P. Kent. 405-620

Science 185, July 19, 1974

U.S.-Soviet Summit: Make science, not war. R. Gillette. 237-40

Science 185, July 26, 1974

Advising the White House: NSF says the new system works. R. Gillette. 334-6

Energy regulation: Changing perspectives and reshaping philosophy. Remarks by W.O. Doub, Commissioner, U.S. Atomic Energy Commission before the Annual Conference of the Midwest Association of Regulatory Utility Commissioners, Lake of the Ozarks, Missouri, June 24, 1974. Press Release No. S-11-74, July 22, 1974.

### **Friday Night Movies**

Tonight - August 2

8:00 p.m. Berkner Hall \$1.00 adults – 50¢ under 18

\$1.00 adults - 50¢ under 18 Feature: "The Wrong Box"

Starring Peter Sellers, John Mills and Ralph Richardson

Next Week - August 9
"When Comedy Was King"

All the great clowns of yesteryear who who cavorted across the silent screen during its golden age between 1914 and 1928 have been retrieved from the archives and film vaults to present a hilarious anthology of the wacky world of slapstick. This sequel to the same producer's The Golden Age of Comedy takes us back to Mack Sennet's old Keystone Studio where American screen comedy really began. Here we see Charlie Chaplin, Mabel Normand and her partner "Fatty" Arbuckle, Wallace Berry and Gloria Swanson in some of their finest and funniest. There is white-faced Harry Langdon, the productions of Comedy Tycoon Hal Roach and "The Great Stone Face" of Buster Keaton, the endearing and enduring comic artistry of Laurel and Hardy as well as other great comic talents of the

Added Attraction: 'The Barber Shop' One of W.C. Fields' early film classics.

#### The Hunt

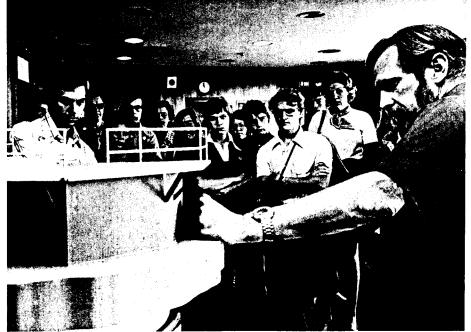
If you were asked, could you find 25 watermelon pits? How about one green caterpillar or a blue baloon or a red life-saver? These were just a few of the twenty-five items which children of the BERA morning play session had to hunt up in order to win the weekly special Scavenger Hunt.

Last Friday, children of all ages gathered in the Recreation Building to receive a list of various and sundry items which they had to "go out and find," not the least of which was one live father! Tables were set up and for more than an hour kids carted in the loot. Everyone was a winner in this special as whole watermelons were distributed after the event for consumption by all participants.

This week's special is the Halloween Party and next week children will participate in Track and Field Day.

### Cafeteria Menu Week Ending August 9, 1974

Monday, August 1 Cream of Tomato Soup Meat Loaf & 1 Veg. 1.00 Beef Ravioli & 1 Veg. 1.00 Tuesday, August 6 Navy Bean Soup Spanish Omelet & French Fries .95 Barbequed Lamb & 1 Veg. 1.10 Wednesday, August 7 Beef Barley Broth Roast Fresh Ham & 1 Veg. 1.10 Spaghetti & Meat Sauce Garlic Bread 1.00 Thursday, August 8 Turkey Noodle Soup 1.00 Franks & Baked Beans Braised Beef & 1 Veg. 1.10 Friday, August 9 Clam Celery Bisque Baked Filet & 1 Veg. 1.05 Breaded Pork Chop & 1 Veg. 1.10



Richard Adams, Reactor, describes the model of the High Flux Beam Reactor to a group of foreign visitors who arrived at BNL on Monday. They will be in the United States from three to five weeks and are staying with local families.

### Softball

#### Brookhaven League

In Tuesday night's game the Blue Jays defeated S&M 9 to 4, and in a very close game the Old Timers came out on top over Metallurgy 10 to 9.

#### National League

The Bubble Boys and the Bio-Meds played nine complete innings before the game was called because of rain with the score tied at 14 all. The Ravens scored 4 in the top half of the 8th inning to defeat the Circuits.

#### Laboratory League

The Phoubars continued their winning ways in the second half with a 10 to 8 victory over the Streakers. In the second game the Charlie Browns won over the Converts. University League

The Oh Kays lost to the Brookhaven Athletes and the Free Agents defeated the Gotchas 11 to 7.

### Clubhouse (Not So Confidential)

Once again the Phoubars and the Streakers played a nerve wracking game. It was a tight and hard fought contest all the way. One more hit by the Streakers in the top of the 7th inning would have tied the score. Credit of the win must go to George Sabine for his heads up play in detecting the man leaving the base too soon. After play was called back in he called for the ball and stepped on second base for the double play and the final out of the game. Phoubar of the week award split between G. Sabine and D. Schonberg. Dick's slide into home plate was a thing of beauty (like a joy forever - "Keats"). Good sportsmanship award to A. Kreisberg and J. Bartalomy for last play of the game. They play the game hard and they play to win but when a tough call by the umpire went against them they took it like the champs they are! Keystone combination of T. Krupien and D. Dayton was devastating. D. Meany's stretch reaches

half way across the infield. Timely hits by the Phoubars B. Sells and B. Kowalski.

Converts lose to Charlie Browns by forfeit. Converts manager better start feeding his men again or they won't show up.

"Flash" - Ron Winder of the Converts reports that even though they had to forfeit the game they played the Charlie Browns with the men that they had on hand and beat them 8 to 6. F. Hohmann and his "old." I've heard of Requium for a Heavyweight but for a ball team?

—B. Brehm

The Brookhaven A's won 4 straight by beating the Gotchas with a score of 16-9. The second half of the season has been a great one for the A's; out of 5 games played they have lost only 1. Their defense and strategy have greatly improved over the 1st half of this season and will hopefully keep them in 1st place.

Thinking along the lines of strategy the A's have two key positions filled by girls; Jackie Flippen in right field, who made a beautiful catch in their game with the Gotchas and Juanita Benbow their 1st baseman, who hit two triples and a sacrifice fly into right field.

Good work A's and keep up the good work girls!

The Brookhaven A's moved into first place last week by beating the Oh-Kays. It was a very exciting and fast moving game. For a moment you could almost hear a pin drop (and that would be pretty hard since the game is played on grass).

Lou Benbow played left field with authority, catching everything that came his way. Dick Sutter did a fantastic job pitching as well as assisting in other plays. Dave Dorowski, our only left hander and our new center field did his job well. He hit 2 home runs as well as the hit that won us the game. Susan Munsterman was on 2nd base when Dave came to bat. He gave the ball a mighty blow which brought Susan across the plate in the last of the 7th for the winning run. And no report would be complete without mention of Rochelle Nash, the only girl on our team to hit a home run this season. Score 13 to 12.

-J. Benbow

### Classified Advertisements

### **Placement Notices**

Each week the Personnel Office lists personnel placement requisitions, currently being processed. The purpose of these listings is, first, to give notice of all non-scientific staff positions being filled and, second, to give employees an opportunity to request consideration for themselves through the Personnel Office. In filling vacancies, the Laboratory's objective is to give first consideration to present employees, as follows: employees within the immediate group having the vacancy, employees within the department or division, employees within the Laboratory as a whole.

For further information regarding a placement notice, or to request consideration for an available position, contact Supervisor, Personnel Placement & Development, extension 2874 or 2882.

OFFICE SERVICES ASSISTANT - Fiscal Division.

SECRETARY - Personnel Division.

### **Autos & Auto Supplies**

69 MUSTANG CONV - V8, auto trans, ps/pb, 42,000 mi, mech perf, good gas mileage. \$700. Dick, Ext.

67 CHRYSLER NEWPORT - Excel cond, new 6 steel belted tires (2 snow), 81,000 mi. Make offer-cash only. Evans, 345-3019

 $66\ BUICK\ LE\ SABRE\ -\ A\ good\ buy\ for\ the\ money.$ \$100. 472-1356.

74 KAWASAKI T-9350 ENDRO - Gold, 1900 mi, 5 spd.

68 VW BUG - White, new tires, batt & muff, low mileage, excel cond. 475-1234 after 5.

2 DUNLOP SP-68 RADIALS - 165-SR-14. Both/\$10. Tony, Ext. 4243, 281-5050 after 6.

ROCKER ARM COVER GASKET - For 283 Chevy eng. Ext. 2022, 281-8579.

TRAILER HITCH - For Mercury Montego 1971, 1972 or 1973. Ext. 2022, 281-8579.

66 OLDS 98 - Ps/pb, pwr windows, very good cond.

\$475. 981-5993 after 6. 73 BUICK REGAL - Ps/pb, am/fm radio, air cond, rear defogger, leather upholstery, vinyl top, 13,000 mi.

\$3500. 981-5993. SNOW TIRES - A78-13 BF Goodrich Silvertowns,

w/w, excel cond. \$30. B. Finn, Ext. 3571. 73 SUBARU STATION WAGON - Front w/d, 15,000

mi, 27 mpg. \$2500. 878-1895. 1972 HONDA 350 MOTORCYCLE - Excel cond, \$950.

Joe, Ext. 4204 or JU8-3146.

1961 CHEVY PICKUP - ½ ton, runs well, asking \$200. Ken, Ext. 2375.

1968 RENAULT SEDAN - Automatic, r/h, \$450. Tony, Ext. 4243 or 281-5050.

1968 FORD STATION WAGON - Good cond, best offer. Ext. 4896.

65 CHEVY ¾ TON PICKUP - 70 Camper, sleeps 6, \$2500; Camper only, \$1900. George, Ext. 2534.

2 CHRYSLER RIMS WITH SNOW TIRES - \$10 takes both. Tony, Ext. 4243 or 281-5050.

62 FORD - 6 cyl, stand trans, good transp., \$99. Tom,

1968 CHEVY BELAIR WAGON - 6 pass, 307 cu in, V8,

auto, r/h, \$700. George, Ext. 2534. PICKUP TRUCK - 3/4 ton GMC 1966, good cond. \$1400.

66 FORD MUSTANG - 6 cyl, 4 spd manual trans, good

mech cond. \$250. Kurt, Ext. 4555. 2 VW WHEELS - \$5 ea. 2 6.85x15 ww tires, almost

new, \$7.50 ea. Bill Espensen, Ext. 3992.

71 CHEVY - Monte Carlo, 36,000 mi, auto trans, ac, am/fm radio, vinyl top, clean, neat. \$270 over wholesale at \$2195. 286-3647 or Ext. 2564.

64 VW - Sears di-hard batt (less than 3 mos old), running, needs work. \$150 or best offer. Juanita, Ext. 3639, 281-1072 after 6.

71 PLYMOUTH SCAMP - \$1700. Bill Lawson, Ext. 4207.

### **Boats & Marine Supplies**

Ext. 3402 or 286-0798.

15' MFG FIBERGLASS BOAT - 35 hp Evinrude motor, good cond. \$395. Bill, 288-1527.

 $23^{\prime}$  CHRIS CRAFT - 6 cyl eng, auto bilge pump, cushions. 281-8579, 281-3361.

10' PRAM - Good cond, all wood. \$50. O. Booker,

25' SAILBOAT - Gaff rigged sloop, sleeps 4, new dacron sails, modern hdwre. 878-0649 after 6.

10' CAPE DORY SAILBOAT - Compl w/sail & oars, newly painted & varnished. \$350. R. Chrien, 286-0037.

18' CHRIS-CRAFT - 33 hp Evinrude outboard, boat in water, good cond. \$425. 878-2864.

1973 EVINRUDE - 40 hp motor, long shaft, excel cond, \$450. 289-8670.

24' AUXILIARY SLOOP - 22 hp inboard, sleeps 4, wood & fiberglass, in water, good cond. 286-1454.

14' STARCRAFT ALUM BOAT 1973 - '73 Sea Lion trailer, 25 hp Evinrude 1973, subflooring, steering wheel, controls, etc. \$1150 firm. 281-8684 after 6.

20' CRUISER - 95 hp inboard, sleeps 2, in water. 584-6714 or Ext. 2409.

SAILBOAT - Blue Jay, w/main, jib, spinnaker, extras, w/trailer. \$625. Jack, Ext. 2467, 286-3944.

12' SLOOP - Atlanta, made in W. Germany, fiberglass hull, s/s & nylon rigging. Takes 5 hp motor, \$650. Ext. 3765 or 744-5079.

### Miscellaneous

16' TRAVEL TRAILER - Sleeps 6, stove, oven, sink, heater, refrig, bathrm, excel cond. 281-7230.

7-7' STEEL FENCE STAKES - \$14. Linda, Ext. 2896.

LARGE ANTIQUE OAK DRESSER - W/beveled mirror excel cond. \$85. Small size mangler iron, good cond. \$15. Ext. 2350.

TORO MOWER - 21" reel, good cond. \$20. Bill, Ext.

Real Estate

applicant.

For Sale

eves & weekends.

\$34,990. 732-4107.

\$57,500. 928-3088.

(part time). 727-3887.

289-8294 or 289-7391.

Aug. 24. Bill Lawson, Ext. 4207.

\$1500. Bill Lawson, Ext. 4207.

smoked? 744-9411 after 5:30.

Ave, Mastic Beach. 281-3291.

girl. 286-8517.

hour. 589-3269 after 5.

Carpools

For Rent

Wanted

Real Estate advertised for sale or rent is available without

regard for the race, color, creed or national origin of the

CENTER MORICHES - 3 bedrm cape, 1% bath, din,

fam rm w/fireplace, dbl car garage, fenced & land-

scaped ½ acre plot, low taxes. Priced to sell. 878-

SETAUKET SOUTH - 4 bedrm ranch, "Jamestown,"

many extras. \$41,000 (\$11,500 cash over). 698-1363

CORAM - 3 bedrm ranch, garage, bsmt, compl fenced

1/3 acre, fireplace, appliances, beamed ceilings, den.

SHOREHAM - 5 yrs old, 2 stories, 4 bedrms, 21/2 baths,

lg country kitchen, fireplace, fam rm, full bsmt, 2-car

PATCHOGUE VILLAGE - Legal, 2-fam, 4½ rms up,

w/w carpeting, 4½ rms down, maint. free, easily con-

verted to 1-fam. Ann, Ext. 3143 or 732-9384 after 6.

YAPHANK - 4 bedrm ranch, 7 rms, 1½ baths, sundeck,

MILLER PLACE - 3 bedrm 1-ranch, 9 rms, 2 baths, 1/2

acre plot, fireplace, ideal for professional or doctor.

MODERN APARTMENT - 2½ rms, on water, all util,

2-BEDRM HOUSE - To share, female, 5 mi from Lab.

LEITZ ACCESS & LENSES - For screw-mount model

HOUSECLEANER - Woman to clean home, hours

HOME - For cute, pure white, male, kitten. I do not

have space for another animal. Louise, Ext. 3325 or

AFFECTIONATE HOMES - For beagle puppies. Lucille

Van Pelt, Alfred Lord Tennyson, & Butch Cassidy.

DRIVER - To share expenses to San Francisco. Leave

ECONOLINE VAN - Preferably 71 or newer, about

DRIVER WANTED - For Bayport carpool. Ext. 2262.

FISHERMEN - Do you want your catch deliciously

FOR HIRE - Pickup truck & driver w/muscles, eves,

weekends; any size job, any distance; by mile or by

EXT & INT PAINTING - College students w/5 yrs ex-

EXPERT TREE SERVICE - Spraying, removals, clean-

ups, pruning, free estimates. Jim, 475-1598 after 6.

YARD SALE - Aug 3-11, 10 am - 4 pm, housewares,

toys, some aged items & much more. 122 Riverside

TREE REMOVAL & CHAIN SAW WORK - Also light

ELEC MOTORS REPAIRED - Swimming pool motor re-

pairs & rebuilds, pwr tools, etc. Ray, 231-7158 after 6.

BABYSITTER - E. Patchogue-Bellport area, high school

CARPETS - Installation, repair, pick-up, relay, steam

extraction cleaning, reasonable. C. Long, 928-3598

TILE - Installation & sales, vinyl asbestos, ceramic,

latest styles & colors, reasonable. C. Long, 928-3598.

PLUMBING - Repairs, alterations & new work, lic &

AUTOMOTIVE AIR CONDITIONING - Tested, evac

KEY & LOCK WORK - Keys duplicated or by code,

boat, car or house, locks recombinated or repaired.

TYPING - Done at home. Reports, papers, tables . . .

& recharged as need, by appt. Charlie, 744-3312.

insured. Walter, 732-1913 after 5:30.

hauling, free estimates. Ken, 289-8212 eves.

perience, references, free estimates. 941-4328.

Please call Barbara, Ext. 4046/4047 or 924-6113.

CUB SCOUT UNIFORM - Size 8 or 9. 281-8579.

Leica cameras. Rob, Ext. 4833, 751-7857.

garage, on approx 1 acre. \$59,000. 744-9455.

100'x150' plot. \$35,000. 924-6122.

plus extras, \$200 firm. 475-4930.

Ext. 4337. Eves & weekends, 924-5294.

YORKSHIRE TERRIER PUP - AKC, adorable tiny toy, health guaranteed. Ext. 2902, 475-2627 after 5:30.

ALCOHOL STOVE - Homestrand 2 burner pressure, like new. \$50. Ext. 4767, 363-6985.

TANDEM BICYCLE - Schwinn, yellow, added children

seats front & rear. \$150. 589-4129, GE3-2037. CEDAR SHAKES - Hand split, 20 bundles ¾ to 1¼x24.

\$11/bundle. M. Dohrman, Ext. 4215. 2 TICKETS - For Aug 10 matinee Twelfth Night, Strat-

ford, Conn. \$17/pr. 744-3744 after Aug 3. RIDING MOWER - 32" cut Snapper, 8 hp, bagging

attachment, used ½ season, sacrifice. \$500 firm. Bob,

NIKKOR - 50 mm f2.0, new. \$60. Ext. 3983/3124 after 6.

SIAMESE KITTENS - Pure Sealpoint, last chance - going out of business. Olness, Ext. 4570, 751-2655.

TRIPLE PICTURE WINDOW - 10'w, compl with s/s, very good cond, reasonable. 744-5553.

SURFROD - Conventional type, almost new, \$15; surf reel, Penn leveline 350 w/35 lbs line, almost new, \$18.

CIRCULAR BATHRM WASH BASIN - Mounted in formica top 23"x25", compl w/chrome plated faucets & trap, new. \$20. 289-0243.

69 VW CAMPER - Remanufactured eng, 6000 mi, 26 mpg, good runner, sacrifice. \$1500. Tony, Ext. 4243, 281-5050 after 6.

ACCUTRON WATCH - Gold face, sweep second hand, as new cond. \$90. Li, Ext. 3828/3857, 751-7250. ELEC H/W HEATER - 32 gal GE, \$20; old radio, sell

reasonably. O. Booker, Ext. 4719. SINGER SEWING MACHINE - W/cabinet. \$50. Will

sell separately. Aggus, Ext 4742, 744-2688. ADOPTION - 5 kittens, 6 wks old, 4 white males, 1 blk

female. 567-4403. STEREO - Deluxe new magnavox am/fm 8 track w/ FF, turntable, 2 spkrs, tuning meter, AFC, stereo eye, iacks. \$168. 475-4394 after 6.

DIN RM SET - Walnut contemp, 4 chairs, table, china closet & buffet. \$175. 473-4558.

REFRIGERATOR-FREEZER - Frigidaire Deluxe Model DA-12-63. Excel running, not frost-free. Take it away for \$50, 281-3423.

BROWNIE UNIFORM - Size 8, jumper-blouse, hat, purse, \$5. 751-2713.

BRUNSWICK BOWLING BALL - Black Beautymen's, w/case, brand new, never drilled, \$25. Ann, Ext. 3143 or 289-3427 after 6.

TRAILER - Single axie, flat bed 6'x8', excel cond. \$100. 289-3427 after 6.

ORLON YARN - All colors, will deliver to Lab or pick up at my home. \$2.50/lb. Ann, Ext. 3143, 732-9384

PLASTIC WATER CONTAINER - \$1.50, double mantle lantern, \$9. Steve Biemer, 751-2713.

HAVAHART - Squirrel & rabbit trap, good working cond. \$8. Phil, AT6-3679.

BRITANNICA JR. ENCYCLOPEDIA - New, \$100. Ext. 4896

SEWING MACHINE - Straight & zigzag, \$35. Ext.

PARTIAL CONTENTS OF OLD HOME - By appointment only. GR5-1453.

BICYCLE BUILT FOR TWO - Good cond, \$50. George Woodson, Ext. 4526, 727-5532.

CRIB & MATTRESS - White, good cond, used only at Grandma's house on weekends. Starr, 728-3175.

SIGNAL GENERATOR - \$20. Tony, Ext. 4243 or 281-5050 after 6.

STENOTYPE MACHINE - Best offer; upright freezer, \$50. Walt, Ext. 4627.

KENWOOD 4 CH AM/FM RECEIVER - Brand new, also Fisher FM/stereo receiver, excel cond, very reasonable. Ext. 2053.

DOUBLE BED MATTRESS & BOX SPRING - Frame, tweed-couch, Lane coffee table, must sell. 924-5064.

4 CHAIN LINK GATES - 32x45 plus hardware, \$50. New hand mower, \$5. Hank, Ext. 3499 or HR2-0553.

LABRADOR PUPPIES - 1 male & 1 female, mother from good breeding stock, available now. Ext. 3765 or 744-5079.

#### Reasonable rates. Marie, Ext. 4207 or 924-3756 after 5:30

### Deadline is 12 noon Monday for publication Friday of the same week.

Charlie, Ext. 2957, 744-3312.

- 1. The Brookhaven Bulletin's classified section may be used only by active and retired Laboratory employees.

  2. All items for sale or rent must be the advertiser's
- 3. Ads for material acquired for resale in association with a full or part-time business cannot be accepted.
- 4. Firearms offered for sale or trade may not be brought on site.

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- 5. Ads not carried because of space restrictions will be held for publication in the next issue.

  6. Ads are run only once and must be resubmitted if they
- are to be repeated. 7. Ads should be restricted to 20 words or less and typed or printed on the form provided, and must bear the employees

Wanted Carpools Lost & Fo

	Wanted
П	Carpools
П	Lost & Found
	Services

**Classified Ad Policy** 

Check x the heading applying to your ad. Print or type your ad in 20 words or less.

(Name & Phone No. To Call)

Life No. .....Ext. .....

Ads concerning property for sale or rent cannot be accepted on this form. Special Real Estate Ad forms are available at the

Office of the Brookhaven Bulletin, Room 111, 40 Brookhaven Avenue.
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Send to: Brookhaven Bulletin, Building 460, 40 Brookhaven Avenue (Ext. 2345).