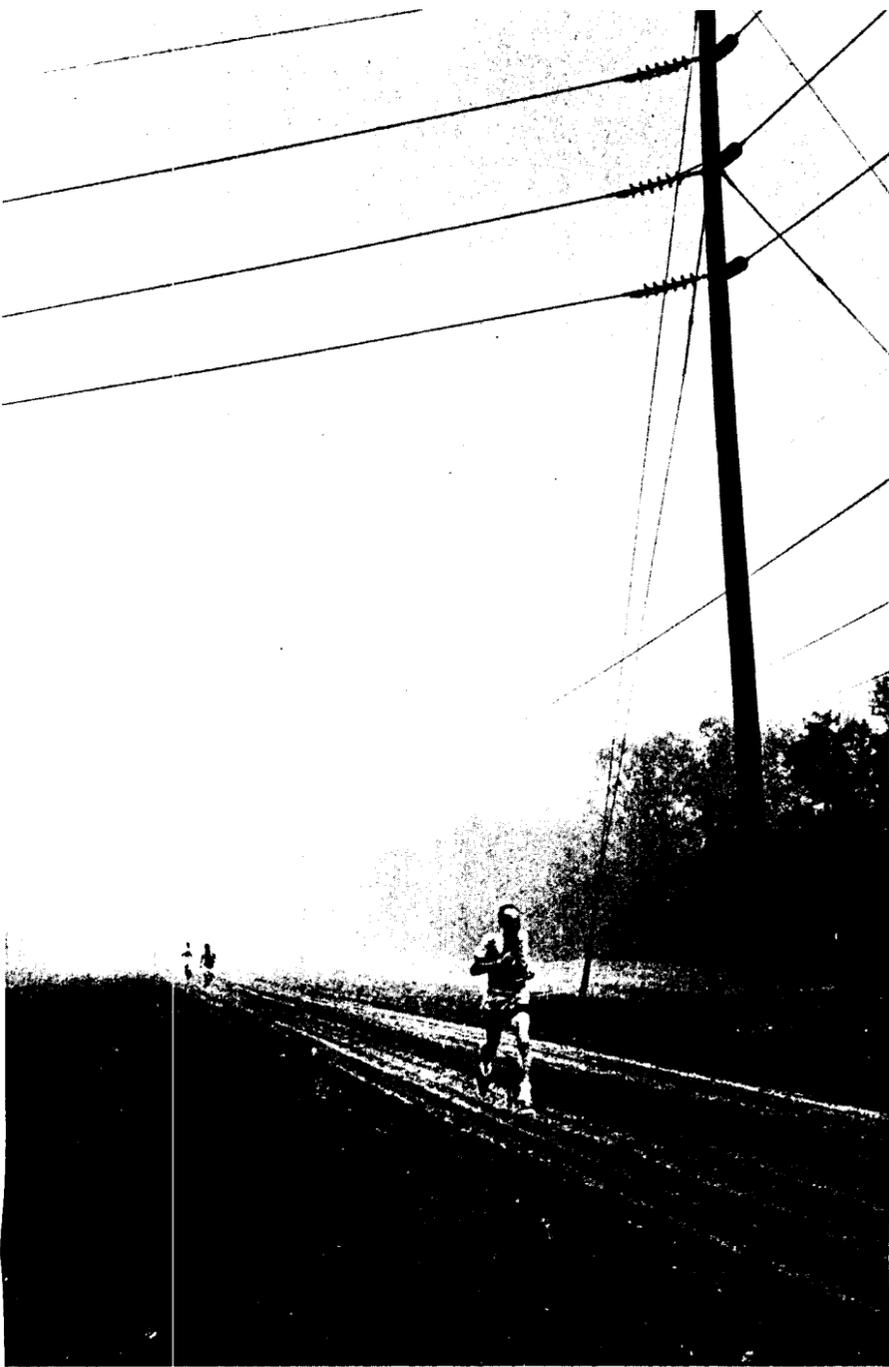


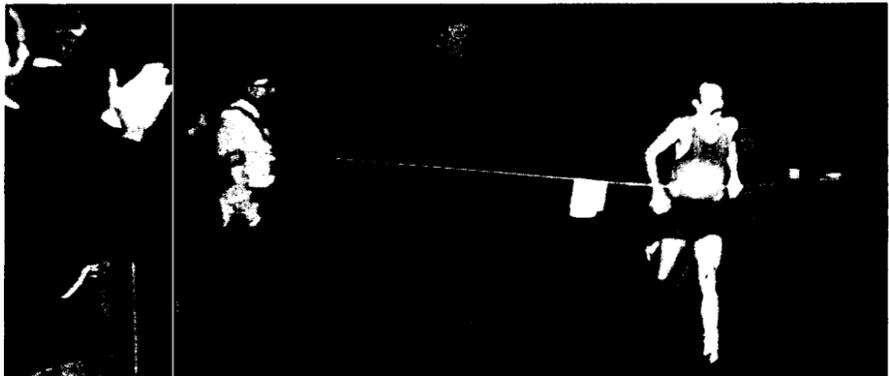


Brookhaven Roadrunners



Running along the east boundary of the Lab tract, 10-mile marathon runners go thru mist and mud past the half-way point. Of the 19 starters in Friday's race, only one had dropped out. As the 18 finishers breasted the tape at the finish line, the mist became a fog, and darkness had started to fall.

—Photos by Humphrey



Lawrence Farrell, son of Henry Farrell of the Accelerator Department is still going strong as he breaks the tape to win the first Perimeter Marathon held at Brookhaven Lab.

Roadrunners Slog Through Rain And Fog In First Perimeter Marathon At Lab

In spite of gloomy weather forecasts all day Friday, 19 runners showed up at the starting line for the first round-the-lab marathon held last Friday evening.

18 of the original 19 finished the race with top honors going to the 25-year old son of an employee in the Accelerator Department. Lawrence Farrell, a math teacher in Brentwood, member of the Brookhaven Lab soccer team, crossed the finish line in just under an hour for an exact time of 59 minutes, 45.8 seconds.

Second place honors went to Ernest Warburton of the Physics Department with a time of 62 minutes, 37.5 seconds. Third place was won by Paul Mamola of the Reactor Division in 64 minutes, 45.7 seconds.

Robert (Bob) Powell, head of the Reactor Division was the starter and chief of the race, and he was assisted by Jack Phillips, also of Reactor, and Jerry Kinne, Director's.

Assisting in arrangements was Georgia Irving, DAS, who pinned on numbers, held jackets, and handed out dry towels to the finishers as they were clocked in.

In spite of the dampness and darkness, officials were constantly in touch with all of the entrants with the help of the Amateur Radio Club who provided six mobile stations that monitored the progress of the race through the entire course.

The starting gun was supplied by the Security Division, who also stood ready to provide emergency assistance to any of the entrants or spectators.

Schraffits, the Cafeteria contractors, donated several cases of Olympicade which was made available to each runner after he finished the race.

The idea of the Perimeter Marathon was proposed by a group of regular lunch-hour joggers, and implemented by Gus Prince and Don MacKenzie of DAS. First planned for the benefit of the lunch-hour runners, it soon was expanded to include family members, who had asked for permission to join the starting field.

While no formal prizes were awarded to the finishers, an anonymous donor awarded a bottle of champagne and a small plastic loving cup to the first-place runner.

Present plans call for a repeat performance of the Marathon each year with the view to enlarge the select group who have completed the perimeter run.

Before the start of the marathon some non-runners who were watching the over-forty group warm up commented, "They ought to time the race with a calendar, not a stopwatch!"

A finisher who is over fifty ran the course in less than 6½ minutes per mile.

While the runners sucked an orange during the race, some of the officials were seen to be sipping beer while waiting for the reports from the radio cars.

When the last runner to finish was seen coming through the fog and rain to the finish line, several entrants who had finished earlier ran along with him for the last hundred yards.

The winner, Lawrence Farrell, carried the number 1, led at the start, and was in first place all through the race with no serious challenge at any time.

As each man crossed the finish line his fellow runners joined the spectators in a round of applause.

Wives and children of the runners formed a cheering section that travelled along the route to give encouragement as the race progressed.

OST Deputy Director To Talk on Federal Funding of R & D



On October 11, Dr. John D. Baldeschwieler, Deputy Director of the U.S. Office of Science and Technology, will present a talk entitled "Trends in Federal Funding of Research and Development," at a Laboratory Seminar sponsored by the Chemistry Department. The talk will be given at 3:30 in Berkner Hall, preceded by refreshments at 3 p.m.

Prior to his appointment as Deputy Director of OST on August 6, 1971, Dr. Baldeschwieler taught at Harvard University and at Stanford University, where he became Professor of Chemistry in 1967. In May 1969 the President appointed Dr. Baldeschwieler to the President's Science Advisory Committee, and he has served as Vice Chairman since May 1970. He also served on the Army Scientific Advisory Panel from 1966 to 1970.

Dr. Baldeschwieler was awarded an Alfred P. Sloan Foundation Fellowship in 1962. He received the American Chemical Society Award in Pure Chemistry in 1967, and the Fresenius Award of Phi Lambda Upsilon in 1968. In 1970 he was elected to membership in the National Academy of Sciences.

Dr. Baldeschwieler has made numerous fundamental contributions in the area of molecular structure and spectroscopy, using the techniques of nuclear magnetic resonance, perturbed angular correlation of gamma ray emission, and ion cyclotron resonance, which he adapted for use in studying ion molecule reactions.

BNL Marathon

9/29/72 10 Mile Marathon Start Time 17:27:2

Weather Conditions - Humidity 100%, Temperature 75° F, Wind Velocity 0, Overcast

Robert Powell Starter		
Jack Phillips Timekeeper	Georgia Irving Asst. Timekeeper
Jerry Kinne Timekeeper	Mrs. A. Prince Asst. Timekeeper

No.	Name	Department	Place	Time
1	Lawrence Farrell	AGS, F-Henry Farrell	1	59 45.8
2	Paul Mamola	Reactor Div.	3	64 45.7
3	Stewart Glass	Applied Math	13	77 50.6
4	Arthur Scott	Applied Math	16	86 22.0
5	Arthur Harris	Applied Math	12	77 43.8
6	Donald Davis	Physics	14	83 38.0
7	John Aggus	Accelerator	10	74 50.2
8	Ernest Warburton	Physics	2	62 37.5
9	Richard Britton	Accelerator	11	75 3.5
10	Donald MacKenzie	DAS	7	68 18.6
11	William Piel	Physics	17	89 54.5
12	Andrew McNerney	Accelerator	6	66 22.5
13	Vincent Racaniello	Accelerator	9	73 9.7
14	Yasuo Erdoh	Physics	8	71 21.8
15	Robert Bari	Physics	15	84 6.2
16	John Axe	Physics	18	95 28.0
17	David Cox	Physics	5	66 11.5
18	Augustus Prince	DAS	4	65 41.5
19	Pat Rapp	Physics	DNF	

High Energy Physics Advisory Committee Tour



Spofford English (right) Assistant General Manager for Research of the AEC, walks with touring members of the High Energy Physics Advisory Panel past the Seven Foot Chamber area of the AGS. The Advisory Committee met at Brookhaven on Wednesday and Thursday of last week.

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CARL R. THIEN, Editor
CLAIRE LAMBERTI, Editorial Assistant

40 Brookhaven Ave. Upton, N.Y. 11973
Telephone 516 345-2345

NORBERT J. DERNBACH
Public Relations Officer



10-Mile Marathon Race

Bob Powell, Reactor (left) fires the starting gun to send the 19 marathon runners off at 5:30 p.m.



"Neither rain, nor fog, nor dark of night . . ." shall stop Lawrence Farrell from crossing the finish line first.



Edwin Hagelberg, Health Physics, an amateur radio operator, directs Don MacKenzie at a turn in the course.

The following is a list of amateur radio operators that participated in the 10-mile marathon.

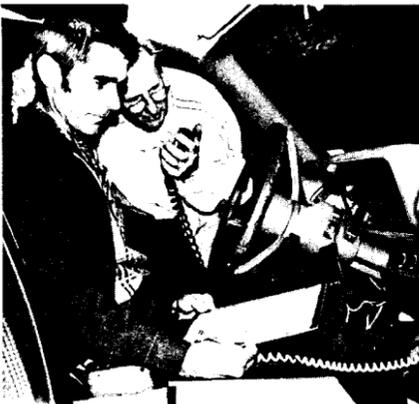
- Hagelberg, Ed..... Instrumentation
- Hirzel, Warren..... Accelerator
- Kiriokos, George..... Instrumentation
- Sajnacki, Stan..... Reactor
- Slavik, John..... Accelerator
- Tooker, Bill..... Accelerator
- Warkentien, Bob..... Accelerator
- Worwetz, Harold..... Accelerator



Starter Bob Powell (left) poses with the winners of the first three places in the first perimeter run at Brookhaven. Ernest Warburton (second from left) finished second; Lawrence Farrell (third from left) won first place; and Paul Mamola (right) took third place honors.



Matt Rosso of Physics brought the whole family along to help cheer on the runners as they reached the halfway point in the race.



Stan Sajnacki (foreground) and Harold Worwetz manned the radio control station to monitor the progress of the runners.



Jerry Kinne, Directors; and Jack Phillips, Reactor, were official timers for the 10-mile race. The champagne was for the winner, not the officials.

**Some Good News
And Some Bad News**

First the bad news - State Taxes on cigarettes have increased more than 3¢ since Laboratory vending machines were set to collect 55¢ per pack in July of 1970. In addition, wholesale costs have risen approximately 2¢ per pack during the same period. Therefore, the price will be changed to 60¢ effective October 9, 1972.

Now the good news; commissions paid to BERA will be increased by a penny a pack despite the size of the tax increase.

**Stony Brook Fall Festival
Rescheduled For Saturday**

Starting at 10 a.m. on Saturday morning, the Early American Fall Festival of the Suffolk Museum will begin in the Forsythe Pasture at Stony Brook.

The harvest-time fair will include demonstrations of early American crafts including: quilting, beam hewing, rug hooking, bread baking, weaving, rail splitting and cheese making, as well as many other lost arts of Colonial days.

Most of the demonstrations will be made by costumed participants who have been working on the craft or skill for the past year. Many Brookhaven Laboratory family members are involved in the exhibits.

Admission to the main exhibit grounds is \$1.50 for adults and \$.75 for children under 12. There will be several free events including bus trips to the Suffolk Museum for an early Long Island art exhibit, a genuine cobbler's shop, and a country store.

The Grist Mill will be open for a demonstration of flour making, and the Carriage House will have a special exhibit of wagons and sleighs, the print shop, the blacksmith shop, and the original Nassakeag schoolhouse.

Lab Speakers

Two Laboratory staff members talked to community groups during the last week, on activities at Brookhaven.

Bob Brown, Manager of Photography and Graphic Arts, spoke to a gathering of Suffolk Industrial Arts teachers on Friday, September 29, on "The Photography and Graphic Arts Division at Brookhaven National Laboratory."

On Monday, October 2, Peter Chen, Assistant to the Director for Affirmative Action, addressed the Long Island Communicators Association on "Federal Compliance: The Black and White of It."

World of BNL

The World of BNL is now broadcast Sundays over four stations instead of two. The times and stations are as follows: at 8:15 a.m. over WBLI-FM (106.1), Patchogue; WRCM-FM (103.9), Riverhead; WHRF-AM (1570), Riverhead; and at 11:15 p.m. over WGLI-AM (1290), Babylon.

Arrivals & Departures

Arrivals

- Roy S. Chaleff..... Biology
- John W. Dean..... Mech. Engrg.

Departures

- John R. Coggins..... Biology
- Lesley F.W. Coggins..... Biology
- Dermott E. Cullen..... D.A.S.
- John D. Fox..... Accelerator
- Harvey V. Lilienfeld..... Chemistry
- Bernard C.M. Sordat..... Medical

**Hallock Named Head
Of Easter Seal Society**

James A. Hallock, Chairman of the Electronics Stock Commission at Brookhaven Lab, was elected to a second term as president of the Board of Directors of the Suffolk Easter Seal Society for Crippled Children and Adults, Inc. at a recent meeting of the board. Also re-elected were Mr. Melvin Blienberg of Islip, vice-president; Mrs. Dorothy Meyer of St. James, Treasurer; and Mrs. Glendore Raub of Babylon, secretary.

P.O. Closed Monday

Due to the Columbus Day holiday on October 9, the U.S. Post Office at Upton will be closed all day. The Laboratory mail room will remain open as usual during this non-lab holiday.

Do Your Thing

Is building and carpentry your thing? The Theatre Group needs volunteers for set construction this month. If you are interested please contact Rita Straub on Ext. 3580.

French Group To Screen "The Red Balloon"

The French Group of BNL will meet in Room B of Berkner Hall at 8:30 p.m. on October 18. The evening will begin with the showing of a short color film, "The Red Balloon." A wonderful fantasy of childhood, this is the story of a small boy who finds a large red balloon that follows him around like a pet. Perhaps the real star is the city of Paris, never more beautifully photographed than in this film.

The remainder of the meeting will be devoted to a discussion of activities planned for the coming year, which include a wine-tasting, play readings, a theatre party in New York, and the presentation of other films.

The French Group, a BERA activity, was organized here in 1969, and anyone interested in the language or culture of France is cordially invited to participate. Among other past events, the group has sponsored a number of excellent French films, and an evening of French folk songs performed by Sonia Malkine. A small library of recent books published in France is maintained for the use of members. The annual dues of \$10 include a membership fee for the Fédération des Alliances Françaises aux États-Unis, permitting participation in their activities in New York. Meetings of the French Group are held about once a month, and individual events may be attended by paying a small fee. For further information, contact Morris Perlman or Ralph Weston, both in the Chemistry Department.

Film Prices Bettered!

In case you missed the few prior notices which appeared in this paper, let us remind you that effective September 1 the price schedule at the Film Service Office was greatly improved.

The discount on film and supplies has been increased considerably and savings in many cases improved from 20% to 37%. In addition the discount on processing done by Triangle Photo Service has been increased from 20% to 25%. You'll find those savings difficult to beat.

Stop at the Film Service Office now and compare! All the prices are posted and we will be happy to find answers to all your questions. We will give you quick service on your black and white or your color work. We have albums in stock as well as cameras, flash equipment and polaroid film.

We're open Monday through Friday from 9:00 a.m. to 3:00 p.m. You may call us for service or information on Ext. 3347.

Athletic Equipment

We now have certain items of athletic equipment on hand - for sale to employees - Drop by for tennis balls, locks, sox, instructions books, combs, ping pong paddles, badminton birds, playing cards, softballs, bathing caps, nose clips, ear plugs, BERA T-shirts, BERA emblems, BERA cook-books, etc.

Football Notes

by Jack Brennan

Applied Math took over first place by beating the Dirty Sox 34-6 and the Slow Pokes 32-6. In the Sox game, Don Strayer of Math had two T.D.'s while Tom Petty of the Sox had their lone T.D. Jack Crow of Applied Math had three T.D.'s of different variety in the Slow Poke game. His first was a bomb from Lew Snead, the second a diving catch in the end zone, the third a batted ball off the Slow Poke rusher. Charly Brinkman and Walt Reams had the other Math T.D.'s while Tom Prach had the Pokes lone T.D.

Chemistry grabbed third place by licking the Circuits 20-2. Doug Turner with two T.D.'s and Elliot Schiller with one T.D. did Chemistry's scorir g.

The Slow Pokes shut out the Circuits 13-0. Jack Brennan and Ed Meir had the Pokes T.D.'s

	W	L
Applied Math	4	0
Slow Pokes	3	1
Chemistry	2	2
Circuits	1	3
Dirty Sox	0	4

... And The Water's Fine Tool



Ready to get in the swim on Saturdays and Sundays is Jeanne Wysocki, a research assistant in the Biology Department. Jeanne used to teach swimming at a Patchogue day camp, and holds Red Cross instructor and life saver certificates. The Brookhaven Lab swimming pool is scheduled to reopen on Monday, October 16, and Jeanne hopes that she can be one of the first employees to take advantage of the new weekend opening dates.

Bowling News

Grace Fales

Red League

Highs for 9/26 were: W. Kristiansen 201, and R. Larsen 210 for the Neutrons, W. Reams 214 for the Old Timers, and C. Buzzeo 214 for the Lucky Strikes.

Green League

It was a good night for many bowlers, but specially for Joe Scesny who hurled a 235/207/216 for a 658 scratch (694 gross) series. Joe has earned his Club Awards - Congratulations! Other 200's for the night were: G. Speidell 234, J. Cain 213, W. Kollmer 208/206/595, F. Abbatiello 205, H. Marshall 202, C. Zavesky 201, and R. Meier 201. A new high team series was rolled by the Bio Rads - 3076.

Pink League

The Fiscal Assets leaped from 5th to 1st place, nudging the Spares to second. 3rd to 5th positions remain deadlocked and the Alley Oops slipped to 6th. The Bioboosers (7th) and Medi-Tarsals (8th) are holding their own. Highs for 9/26 were: Grace Fales 184, Marie Brenner 188, Helen Caisey with a 6-7 conversion 194/522 (high series) and Pat Oster 201 (high game). Pat has the honor of bowling the first 200 game of the League this year. Congratulations!

Black and Blue League

Highs for 9/27 - Helen Caisey 186/525, Allan Diebel 215/551, Lou Totans 222, Roy Marlow 210, and Lou Caisey 201. Note: Frank, 199 plus 1 equals 200 - don't hold back!

Chess Club

Members - Please Note

There will be a short business meeting at 6:00 p.m. tonight (Thursday) in the Recreation Building in the Apartment Area. Discussion on plans to establish a voluntary round robin tournament for a primary standing of club members. Last count of membership reached 40. For further information please call T. Jesaitis Ext. 3297 or G. Malcolm Ext. 3298.

Opera Tickets

We still have tickets available for the following performances:

Oct. 10	Lucia Di Lammermoor
11	La Traviata
16	La Boheme
17	La Sonnambula
19	Romeo Et Juliette
24	La Sonnambula
25	Don Giovanni
26	Die Zauberflote
30	Lucia Di Lammermoor
31	Orfeo Ed Euridice
Nov. 7	Aida
9	Orfeo Ed Euridice
13	Aida
16	Don Giovanni
21	Orfeo Ed Euridice

Please note: Tickets not sold two weeks prior to a performance may be purchased by those employees who already have four sets of tickets in their possession.

Cafeteria Menu

Week Ending October 12, 1972

Friday, October 6	
Manhattan Clam Chowder	
Roast Beef w/Brown Gravy & 1 Veg.	.90
Fish 'N Chips w/Tartar Sauce	.85
Poached Haddock w/Creole Sauce & 1 Veg.	.95
Monday, October 9	
Chicken Rice Soup	
Pork Chops w/Dressing & 1 Veg.	.90
Jumbo Knackwurst & Sauerkraut w/Mashed Potato	.85
Macaroni & Chopped Beef, Spanish Style w/1 Veg.	.85
Tuesday, October 10	
Puree of Split Pea Soup	
Beefsteak Pie w/Biscuit Crust	.99
Southern Fried Chicken and 1 Veg.	.85
Stuffed Cabbage & 1 Veg.	.85
Wednesday, October 11	
Scotch Broth	
Beef Hash w/Chili Sauce	.80
Broiled Link Sausage w/Scrambled Eggs & Fr. Fr.	.90
Seafood AuGratin Casserole	.95
Thursday, October 12	
Navy Bean Soup	
Beef Chop Suey on Rice	.90
Sliced London Broil & 1 Veg.	.99
Cheese Omelet w/Bacon Strips & Fr. Fr.	.80

Pool Schedule Now Includes Saturdays-Sundays! Free Swim Opening Day!

The "something new" the pool schedule offers this fall will be the opportunity to swim on the weekends as well as during the week.

As you know, the pool was opened on Saturdays during the summer months on a "trial basis." We are happy to report the trial was successful. So much so that we are now going to try Sundays as well. The weekend afternoon schedule will be 1:00 p.m. to 6:00 p.m.

However, the pool schedule is dependent on employees usage. Your admissions go to defray certain of its operating expenses. Obviously the schedule will be revised as necessary dependent on your interest and support. So **Get wet!**

All this at no increase in price! The season ticket and daily admission price will remain the same.

Free Swim October 16

Come down on Monday anytime (Its open 12:00-1:30 or 5:00-9:30) and look around - take a dip and if you like pick up your season ticket.

SCHEDULE

Weekdays	
12:00-1:30 p.m.	- Employees only
5:00-9:30 p.m.	- Employees, Family, Visitors
Sat.-Sun.	
1:00-6:00 p.m.	- Employees, Family, Visitors

ADMISSION FEES

Daily Tickets	
Employee or Family Members	50¢
Visitors	75¢
Season - October 16 - February 10	
Employee or Family Members	\$ 5.00
Family - (Immediate Family*)	\$10.00

*Members of employees family residing in his or her household.

Note! A season ticket is not required to use the pool at noon. You may pay the daily rate.

Basketball

The basketball season is scheduled to start November 9. Team captains can pick up entry blanks at the Recreation Office. Deadline for team entries is October 20, 1972.

Submit only the team roster. The entry fee will not be accepted until the roster has been approved. Send all rosters to Ed Taylor, Building 515. The qualifications for entering a team will remain the same.

Anyone who is not on a team and would like to play may enter his name in the players pool and will be placed on a team.

Selected Reading

Nuclear power goes to sea. P. Gwynne. 474-6
U.S. Ponders possible runaway reactors. W. Patterson. 476-8
First woman physics professor. D. Jackson talks to C. Smith. 480-1

Nature 239, September 1, 1972

A corporate conscience for the scientific community? P. Sieghart. 15-18
The road to controlled nuclear fusion. L. Artsimovich. 18-22

National security in "an era of negotiations." Remarks by Dr. James R. Schlesinger, Chairman, U.S. Atomic Energy Commission before the Commonwealth Club of California, San Francisco, California, September 22, 1972. Press Release No. S-14-72, September 22, 1972.

Public Sale of Motor Vehicles

Three (3) motor vehicles, located at Warehouse T-87, will be available for Public Sale.

Inspection will be permitted from October 16th through October 20th, during the hours of 9 a.m. to 4 p.m., except Saturday and Sunday. Bid opening will be held on October 24th, at 2 p.m.

Bids will be opened at General Services Administration, Business Service Center Bid Room, 26 Federal Plaza, New York, New York, 10007. Tel: Area Code 212, 264-2637.

This will be an Informal competitive bidding. Bid forms may be obtained at building 87 and 211. For further details, please call Extensions 2302 or 2977.

