



The Super System Code team, from left to right, (standing), Ashok Agrawal, Walt Y. Kato, Seenu Srinivasan, Ralph J. Cerbone, Bob Kennett, Imtiaz Madni. (Seated) from left to right, JiWu Yang, Jim Guppy, Eric Cazzoli, Tom Nepsee, Walt Weaver. —photo by Reben

## Code Project Ahead Of Target

A major accomplishment in the Super System Code (SSC) Project was achieved at 2130 on September 26, when the first version of the SSC-L computer program was run on the Central Scientific Computing Facility. More than two years ago the target date was set at October 1, 1977, and it is an unusual feat to have achieved this goal even before the target date.

The SSC Project, being pursued in the Fast Reactor Safety Division of the Department of Nuclear Energy, is sponsored by the Office of the Assistant Director for Advanced Reactor Safety Research, U.S. Nuclear Regulatory Commission. The Project consists of developing an advanced thermo-hydraulic transient code for liquid metal fast breeder reactors, and validation of the resultant computer codes. This series of benchmark system codes predict state variables such as the maximum coolant/cladding temperatures in the reactor following a host of safety and operational disturbances in an LMFB reactor. The SSC-L code is a version of this program applicable to loop-type designs such as the Fast Flux Test Facility.

Although a version of the Super System Code has been accomplished, the work on this code is far from complete. Currently, a

number of improvements and updates are being planned. In addition, two new series of computer programs, SSC-P and SSC-S, will be initiated. SSC-P is a version of the code for pool-type designs such as the French PHENIX and SUPER PHENIX plants. The SSC-S will simulate the ultimate heat sink capability of the plant.

This project was initiated and directed by Ashok Agrawal, who is currently the Group Leader of the Code Development and Verification Group, DNE. A team of able staff including Jim Guppy, Bob Kennett, Imtiaz Madni, Tom Nepsee, Seenu Srinivasan, Walt Weaver and Ji Wu Yang, all of DNE, and Eric Cazzoli (AMD) worked hard and diligently to accomplish this work ahead of schedule.

Others associated with this activity, at one time or another, include Victor Quan (now at Rockwell International), Nobuo Tanaka (Guest Engineer from Power Reactor Nuclear Fuel Development Corporation, Tokyo, Japan) and Dave Stampf, Bruce Martin and Henry Makowitz of the Applied Mathematics Department. This project also benefited from R.J. Cerbone, Head, Fast Reactor Safety Division and Walt Y. Kato, Associate Chairman for Reactor Safety.

## Dept. Of Energy Assumes Control

As of October 1, 1977, the Energy Research and Development Administration went out of existence and became a part of the Department of Energy (DOE). Nearly three years ago, the Atomic Energy Commission was phased out and its functions assigned to two groups; ERDA and the Nuclear Regulatory Commission (NRC). The NRC does not come under the new Department of Energy but will remain a separate agency.

The newly-created Department of Energy, the Government's 12th Cabinet-level department, now brings together many programs formerly scattered throughout various agencies in order to carry out an effective national energy policy.

In addition to ERDA, the DOE has assumed responsibility for all the programs of the Federal Energy Administration and the Federal Power Commission. The DOE will also take over some areas of the Department of Defense, the Interstate Commerce Commission, Department of Commerce and the Department of Housing and Urban Development.

According to the first organization chart issued by the new Department, Brookhaven will be under the jurisdiction of the Office of Energy Research, headed by Dr. John Deutch, former Chairman of the Chemistry Department at MIT. Other laboratories under this Office are Ames Laboratory, Bates Linear Accelerator Facility, Fermi National Accelerator Laboratory, Lawrence Berkeley Laboratory, Notre Dame Radia-



The official seal of the Department of Energy is blue and green and outlined in gold. When he presented the seal to President Carter, Secretary of Energy James Schlesinger said: "The colors indicate the appropriate balance between energy and the environment. We shall work to keep the sky blue and the grass green."

tion Laboratory and the Stanford Linear Accelerator Center.

The Brookhaven Area Office also transfers to DOE and still reports to the Chicago Operations Office. It is understood that DOE Secretary James Schlesinger has ordered a task force to study the entire field structure and report back to him within six months.

In terms of personnel, the DOE ranks as  
(Continued on page 3)

## ISABELLE Takes A Giant Step

Last week, the House-Senate Conference Committee on the ERDA authorization bill recommended the inclusion of \$10.5 million in the FY 1978 budget to start construction on the world's highest energy accelerator. This was a major hurdle in the long process of making ISABELLE a reality. The authorization bill now goes to the House and Senate for approval, and then must be signed by President Carter. A further step after that will be apportionment of funds by OMB. The appropriation bill for ERDA, which has already been passed and signed, into law, provides only \$5 million of construction funds for ISABELLE and restricts their use to architectural and engineering work.

Representative Jerome A. Ambro (D-3rd C.D.) said in press reports that last week's vote was the "critical vote" and that he was confident the bill would be passed by the Congress. The Committee action was the culmination of an intensive effort, spearheaded by Ambro, during the last 11 months. He was supported by other members of the Long Island Congressional delegation and by the New York Senators.

Although Laboratory officials were both pleased and excited by the Committee action, they indicated they would not pull the corks on the champagne bottles until all the approvals are in. Full authorization of the project is being sought in FY 1979, and the Presidential Budget for that year will not be known for several more months.

Also still in question is the exact size of the machine. ISABELLE was first proposed with energy levels of 200 billion electron volts in each of its two rings, at a cost of



Dr. Godfrey H. Stafford (left), Director of the Rutherford Laboratory, England, visited Brookhaven on September 29 and 30 for an exchange of information on various programs. One of his particular interests was ISABELLE and here he is shown talking to Harald Hahn, head of the ISABELLE Division, on the experimental floor. —photo by Rosen

\$173 million. Following recommendations of the House Committee on Science and Technology and the scientific community, an alternate design has been submitted with the maximum energy in each ring of 400 billion electron volts, at a total cost about 40 percent higher.

## All About Accelerators

Accelerators, what they are and what they do, will be the subject of a timely Young People's Lecture at Berkner Hall on Tuesday, October 18, at 8 p.m.

With the recent approval by the House-Senate Conference Committee of initial funding to start construction on Brookhaven's Intersecting Storage Accelerator, popularly called ISABELLE, interest is growing on Long Island as to just what accelerators are all about.

Dr. Melvin Month, a physicist with the ISABELLE Division, who has been actively involved with large accelerator design and use for a number of years, is the third lecturer in a series designed for junior and senior high school students on topics in science of general interest.

In his lecture, "The Big Accelerators - Probes in Understanding Matter," Month will describe the basic principles behind the big accelerators. They are comprised of tons of iron and steel in miles of circular underground tunnels. Contained in these long tunnels are evacuated tubes no more than about 5 inches in diameter. Within this vacuum, trillions of protons are accelerated to extremely high speeds, almost to the speed of light. These fast particles, with enormous energy, are bombarded into "target" protons. If the impact of the collision is sufficiently violent, the protons explode, liberating their "bound" constituents.

"We are therefore able to 'see' within the proton itself and investigate its inner structure," says Month. "It is an interesting fact of life that to glimpse the world within the tiny proton, we need probes made with cranes, bulldozers, high power sources, large computers and many more of the tools of modern technology."

He will also present a pictorial survey of some existing accelerators and a brief description of ISABELLE.

A native of Montreal, Month received his Ph.D. in physics from McGill University in 1964. Following a postdoctoral appointment at the University of Illinois, Urbana, he joined the Accelerator Department at Brookhaven in September 1966. He worked on problems related to the AGS operation until about 1970 when he turned



Melvin Month —photo by Rosen

his attention to the design of the ISABELLE facility. He recently published a comprehensive review article on ISABELLE with Harald Hahn and R. Ronald Rau which appeared in the July 1977 issue of *The Reviews of Modern Physics*.

Now Month is particularly concerned with developing a design for ISABELLE which will ensure a stable beam for many hours and provide the experiments with the high performance required to study the new phenomena hidden in the proton structure.

He is a member of the American Physical Society and the American Association for the Advancement of Science.

### Diner's Note

The Snack Bar service normally provided between 9:00 a.m. and 2:00 p.m. on Saturday and Sunday at the Cafeteria will be conducted at the Brookhaven Center this weekend, October 8-9. This change is being made to effect installation of a new carpet in the service area of the Cafeteria.



Tokyo String Quartet

## Quartet In Concert At Berkner

The 1977-78 concert season will open with an appearance by the Tokyo String Quartet, which has rapidly become one of the most celebrated ensembles of our day. To establish a quartet is one thing, to succeed in the highly competitive world is quite another. Yet the Tokyo Quartet, which has existed only since 1969, has already attained a level which invites comparison with such groups as the Budapest Quartet, the Juilliard String Quartet and the Quartetto Italiano.

The arrival on the musical scene of the Tokyo String Quartet marks the coming of age of chamber music in Japan, as these four young artists join the ranks of now famous Japanese string players, pianists, conductors and composers. The four members are all graduates of the remarkable Toho Gakuen.

After going partly separate ways for a few years, the four found themselves united at the Juilliard School in fall 1969 and formed the quartet while still a study group. Following intensive study with Raphael Hillyer in 1970, the quartet started on its road to fame. They became known in Europe overnight; their New York debut in Town Hall was a brilliant success, and an unbelievable first season of almost 100 con-

certs followed on both sides of the Atlantic, as well as a recording contract with Deutsche Grammophon.

The Tokyo String Quartet plays a celebrated set of Amati instruments graciously lent by the Corcoran Gallery in Washington, D.C.

The program will consist of works by Beethoven (op. 18, No. 1), Mozart ("Hunt"), and Brahms (op. 51, No. 2).

Date: Wednesday, October 19

Time: 8:30 P.M.

Place: Berkner Hall

General Admission	\$4.00
Block of 5 or more purchased at or before first concert	ea. 3.00
Students with ID and persons over 65	2.00
Persons under 18	1.00

Tickets may be purchased from the following:

Clemens Auerbach	Bldg. 197C
Geoffrey Hind	463
Richard Holroyd	555
Don Lazarus	911B
Myron Ledbetter	463
Maria Pavlova	490
Ed Popenoe	490
Larry Trueman	510A

## Reports Available

The following reports are now available to the Laboratory Staff and to Affiliates of the ERDA, AUI, and NRC. Others may purchase the reports from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22161. Staff members should call Ext. 3484.

BNL 50634	\$4.50
Land Use - Energy Simulation Model. A Computer-Based Model for Exploring Land Use and Energy Relationships.	
T.O. Carroll, et al.	
BNL 50635	\$4.00
Land Use and Energy Utilization. Final Report.	
T.O. Carroll, et al.	
BNL-NUREG-50659	\$4.00
Development of a Computer Code for Thermal Hydraulics of Reactors (THOR). Eighth Quarterly Progress Report, July - September 1976	
A. Dubow, et al.	
BNL 50667	\$4.50
Some Rate and Modeling Studies on the Use of Iron-Titanium Hydride as an Energy Storage Medium for Electric Utility Companies	
G. Strickland and W.-S. Yu	
BNL 50671	\$4.50
Low-Cost Site-Assembled Solar Collector Designs for Use with Heat Pumps	
J.W. Andrews and W. Wilhelm	

## Speak Up, Already

Openings are still available for the Assertiveness Workshops to be conducted by Francine Berger on October 21, 28 and November 4, from 1:00 - 2:30 p.m.

This program is open to all employees, work permitting. Enrollment forms are available at the Personnel Office reception desk and must be completed by Wednesday, October 12. For information call Robert D'Angio.

## Bicycle Tour

The end of the cycling season is approaching, but sometimes Mother Nature cooperates and makes this one of the most delightful times for bicycling. A one-day, 65-mile tour from Riverhead to Shelter Island and back is scheduled for Sunday Oct. 9, a joint venture by the N.Y. Cycle Club, the Bicycle Clubs of Long Island, and the AYH. Meet at 9 a.m. at the Riverhead Municipal Parking Lot in the corner of town just north of the traffic circle. Lunch is at a restaurant in Sag Harbor. The two ferries cost \$1.50. Call Jim Long, Ext. 4615 for additional info or car pooling.

## In Memoriam

Martin Caunter, General Supervisor of Plumbing and Heating in Plant Engineering, died suddenly on Saturday, October 1, on his return from scalloping on Peconic Bay. He was 52 years old and had been an employee of the Laboratory since October 20, 1958. Services were held at the O.B. Davis Funeral Home on Wednesday, and burial was at the Long Island National Cemetery. Caunter was a resident of Flanders. He is survived by four sons and two daughters.

## See It On Saturday

Some aspects of solar energy will be featured on the public tour of the Laboratory on Saturday, October 8. At the Exhibit Center, visitors will see an air solar collector for use in a heat pump application. This unit is one of four being built and tested by a solar research and development group in the Department of Energy and Environment (DEE). Also on view will be a slide show on solar architecture, made available by the DEE Solar Technology Transfer Program, and a 15-minute film on solar collectors used to heat schools. To conclude the tour, Arnold Roesch of the Physics Department, who is a solar do-it-yourselfer, will talk about solar energy and demonstrate his various projects.

In addition to the solar presentation, there are many other exhibits of Brookhaven's research at the Center. A guided bus tour of the Laboratory site and a showing of Brookhaven's *Quest* completes the program. Hours are from 10 a.m. to 4 p.m.

## Service Awards

### October

#### Thirty Years

William Benedict	Reactor
Harry Bieselin	Supply & Materiel
John T. Eriksen	Plant Engineering
Harold H. Hicks	Supply & Materiel
Marjorie K. Homan	Physics
Robert A. Lindgren	Physics
Robert A. Love	Medical
Bernard Manowitz	Applied Science
John T. McCafferty	Accelerator
Harvey McChesney, Jr.	Accelerator
James F. Rebman	Accelerator
William Rubinson	Chemistry
Paul Simack	Photo & Graphic Arts
Maxwell M. Small	Applied Science
Ralph P. Taylor	Plant Engineering
Joseph C. Trebing	Instrumentation
Walter D. Tucker	Applied Science

#### Twenty-Five Years

Helen R. Connell	Applied Science
Frances R. Hydoski	Fiscal
Rita F. Straub	Medical

#### Twenty Years

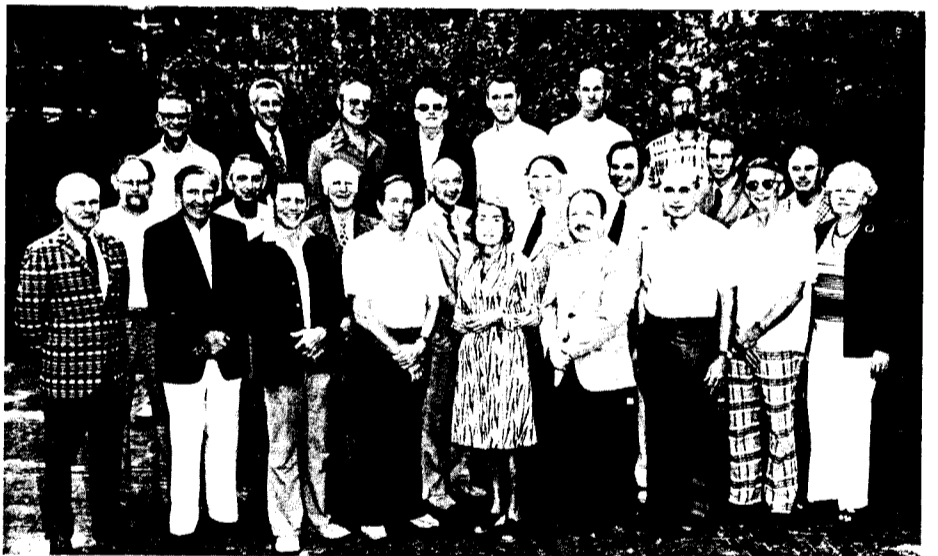
Patsy A. Andrisani	Supply & Materiel
William E. Elaski	Central Shops
J. Robb Grover	Chemistry
Robert L. Monaghan	Accelerator
Robert Smol	Applied Science
George W. Starke	Physics
Arie Van Steenberg	Accelerator
Robert G. Wilson	Applied Science

#### Ten Years

Wallace F. Buchanan	Plant Engineering
Anne-Marie Cnops-Finocchiaro	Physics
Fern M. Coyle	Physics
Barbara D. Gaer	Instrumentation
Irene Ozols	Physics
Alfred C. Saulys	Accelerator
Benno P. Schoenborn	Biology

## Accelerator Department Service Awards

On September 16, Dr. Barton presented the 30, 25 and 10-year Service Awards for the entire year 1977 to the eligible members of the Accelerator Department. A posthumous award was made to Dr. G. Ken Green who completed 30 years with the Lab on August 5; he passed away on August 15. Dr. Barton paid tribute to Dr. Green's outstanding contributions to the Department and the accelerator world, his close long-time association with him and the great loss felt by all not only for his many talents but also for his human relations with many of his fellow workers.



Those who received 20 and 30 year awards (except for S. Giordano - 25 years) were: Top row: S. Giordano, W.A. Tuttle, F. J. Thornhill, W.G. Behie, R.L. Monaghan, G. Kuzmack, J. Weisenbloom. Bottom row: H. McChesney, G.T. Danby, J.G. Markott, J.P. Clint, J.E. Jensen, J.T. McCafferty, R.D. Ligg, A.V. Feltman, M.S. Smith, W.E. Gefers, E.K. Elliott, H. J. Lotko, H. Thorwarth, B. DeVito, A.R. Blummert, G.W. Starke and G.A. Fuld. (J. Rebman, A.B. Wright, D.K. Groobert and A. van Steenberg were not present.)



Ten year awards were presented to the following: Top row: W.C. Venegas, Jr., R.C. Aldridge, J.H. Maddock, Jr., K. Batchelor, F. Short, E.P. Valli. Bottom row: A.C. Saulys, A.M. Casper, W.F. Taylor, R. McCluskey, R.W. Weider, H. Scesny, C.A. Nielson, P.E. Hughes, W.G. Wilhelm, A.A. Bertsche, R.C. Atkins and R.L. Marascia. (H.C. Bartalomy, A.D. McInturff, G.W. Murdock and P. J. Sparrow were not present.)

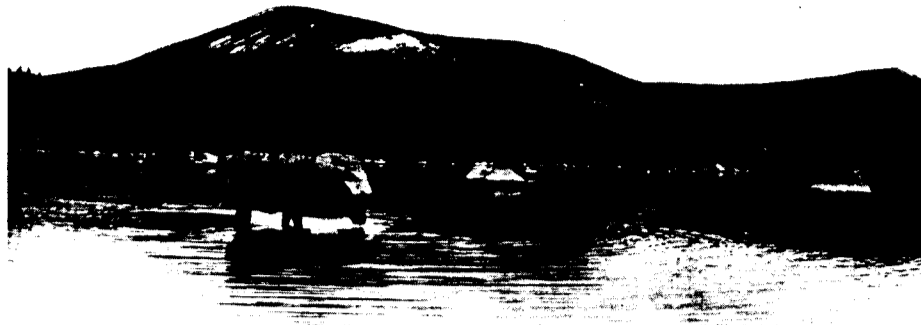
# BROOKHAVEN BULLETIN

Published weekly for the employees of BROOKHAVEN NATIONAL LABORATORY

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Oh to be in Maine, now that fall is here. —photo by C. Dodge

## Ads, Ads, Ads

Things are getting out of hand. As a service to employees the *Bulletin* has for many years included a page of classified ads. Fine. There is no quarrel on that score. However, for some time the ads coming in have outnumbered the hard copy on other news by a considerable ratio. Very often we are unable to run even half the miscellaneous ads, or have had to exclude certain other classifications entirely. This means that we are then inundated by phone calls as to "why didn't my ad appear?" "Listen, lady, how come you put so-and-so's ad in and mine was left out?" and so forth. . .

So hear this. From now on, no more than one ad per person will be accepted per issue. If you have several items for sale, put them in one ad. Don't try to get a separate ad for every saucepan cover you want to sell. If you have a car you want to get rid of, and several miscellaneous items, choose which one has priority and submit only one of them. Real estate ads must be submitted on a special form available at the Public Relations Office. Also, ads are for employees only, not for friends and relatives.

So take it easy, and keep in mind that the classified section is a service and not a vested right. We want everyone to have a chance and we cannot run a supplement of ads every issue in order to take care of the overflow.

## Dept. of Energy (cont.)

the 8th largest Cabinet Department, and in budget, it will be 10th. It will have almost 20,000 employees nationwide and a first-year budget of \$10.4 billion.

Laboratory Associate Director Vincent R. O'Leary has advised that the following statement should be attached to any document where there is reference to ERDA:

"The Department of Energy (DOE) is the successor to the Energy Research and Development Administration (ERDA) and all references to ERDA herein shall be deemed to refer to DOE." He also noted that new contracts, proposals, reports, etc. issued after October 1, should refer to DOE and not ERDA. When documents are reprinted, on depletion of existing supplies, the same procedure should be followed.

## Arrivals & Departures

### Arrivals

Samuel J. Albury	Accelerator
James B. Boomer	Plant Engr.
Thomas S. Bulischeck	Nuclear Energy
Thomas Cannizzo	Physics
Jean-Paul Capony	Biology
Stacey L. De Caro	Biology
Donald G. Deininger	Contracts & Proc.
Michael M. Goldman	Director's Office
Balazs L. Gyorfy	Physics
Atma B. Gupta	Chemistry
Louise K. Hanson	Energy & Environ.
Ian U. Heilmann	Physics
Jorma J. Kukkonen	Nuclear Energy
Margaret H. McCann	Ph. & Gr. Arts
John M. Nicoletti	Safety & Env. Prot.
Yukio Noda	Physics
Yong S. Park	Nuclear Energy
Rickey C. Petty	Energy & Environ.
Joseph J. Vidal	Physics
Alan T. Winter	Energy & Environ.

### Departures

George D. Darling	Biology
Ruth A. Gonzalez	Appl. Math.
Murray D. Goldberg	Applied Science
Bruce D. MacLeod	Supply & Materiel
Frederick Martin	Applied Math.
Eugene R. Oakley	Central Shops
Angelika G. Papazoglou	Applied Science
William F. Piel Jr.	Physics
Dag Semmingsen	Physics

## Backpacking In Maine

To many people the Labor Day weekend means visiting relatives, barbecuing and enjoying the beach one last time. Not so for the ten individuals who used the time to indulge in eight days of rugged backpacking through the wilds of northern Maine in Baxter State Park. Cleveland Dodge, John Elmore, Frank Fridrich, Diane Grannan, Barry Lovett, Peter Tuhy and Ralph Tuthill from the BNL Mountain Club and Estelle Goldstein, Si Haskill and Claire Hudesman from the Nassau Hiking and Outdoor Club walked a total of 60 miles through this area. We hiked on boulder strewn trails, through stands of spruce and birch, crossed swift flowing streams and climbed mountains above the timberline.

The natural untouched beauty of the park is its main attraction. Outside of a few trails and campgrounds, there are 200,000 acres of undeveloped land serving as a sanctuary for wild life.

Within the park lies Mount Katahdin rising abruptly from the surrounding countryside to a height of 5,267 feet. It is the northern terminus of the Appalachian Trail and the highest point in the state.

Climbing this mountain was the highlight of our trip. The weather was ideal as we climbed a very steep and rugged trail to the summit. From here panoramic views of the distant lakes and woods were obtained. The descent off the mountain was equally challenging because the trail followed a narrow serrated ridge aptly named the "knife edge," being in some places only two feet wide with precipitous dropoffs on either side.

Baxter Park is also noted for its large wildlife population such as moose and bear. Although we did not come upon any of the latter, the moose were not afraid of people and could be observed at fairly close range. While camped by a remote glacial pond we spent an hour watching a cow moose and her calf feeding on the aquatic plants and at times could approach to within 50 feet of them with our canoes.

Other activities along the way included leisure hiking to scenic waterfalls, star gazing, climbing untrailed peaks and drying out after a day and a half of steady rain.

The diversity and charm of this wilderness area make it a great place for the camper and certainly worthy of a trip by the BNL Mountain Club.

—Cleveland Dodge

## Volleyball

The BNL 1977-78 volleyball leagues are now being formed. All team rosters are due on October 14. Rosters and requests for information on the employees' league should be directed to John Usher, Building 129, Ext. 2096.

The mixed league will be divided into two divisions with strict and loose enforcement of the rules, respectively. Mixed league rosters should be sent to Ken Sutter, Bldg. 703, Ext. 4514.

Players wishing to join a league who are not yet on rosters may contact the above designees.

There will be clinics for players and referees on October 17 for the mixed league, and on October 19 for the employees' league.

## Cooking Exchange

Wunderbar German cookery will be the subject of the next meeting to be held at the Recreation Building on Wednesday, October 12, at 12:30 p.m.

Authentic German recipes from Fasching Krapfen to Sauerbraten will be demonstrated. Should you wish to share one of your favorite recipes with us, please call Julia Wallenta at 345-3131.

Babysitting during Cooking Exchange meetings is provided at 25¢ per child.

## NYC Train Trip

The Hospitality Committee is planning a group railroad trip to the city Wednesday, October 19. Departure will be at 8:32 a.m. from the Patchogue LIRR station. Round-trip fare for adults is \$2.45, children under six years ride free.

Reserve a ticket by sending your fare through the U.S. mail to P.O. Box 322, Upton, New York 11973, no later than Friday, October 14. Make checks payable to "Brookhaven National Laboratory." Your tickets will be given to you at the train station. Refunds will be made only if cancellations are received at least two days prior to the trip.

For those who are interested in joining them, the group has arranged a tour of the Good Housekeeping Institute Laboratory. There will be no charge for this tour.

## Cafeteria Menu

### Week Ending October 14, 1977

#### Monday, October 10

Corn chowder	
Beef chop suey on rice	1.15
Scrambled eggs, sausages & fr. fr	1.10
Hot deli - pastrami	

#### Tuesday, October 11

Beef noodle soup	
Knackwurst & sauerkraut	1.10
Sauerbraten & potato pancake	1.35
Hot deli - veal pattie & peppers	

#### Wednesday, October 12

Cream of potato soup	
Braised meatballs a la mode	
on buttered noodles	1.15
Hot deli - corned beef	

#### Davey Jones Fish Fry Special

\$1.87 plus tax

#### Thursday, October 13

Chicken vegetable soup	
Cheese ravioli & 1 veg.	1.05
Roast chicken, stuffing & 1 veg.	1.15
Special - 8 foot hero purchased by the inch	

#### Friday, October 14

Fish chowder	
Spaghetti & clam sauce	1.05
Breaded pork chop & 1 veg.	1.35
Hot deli - smoked tongue	

## Rifle & Pistol Club

### Summer Round Robin

The season ended with eleven matches fired. The winners were as follows:

	Cal.	Avg.	Score	X'S
"Expert"				
Otto Jacobi III	22	271	2433	43
Dale Norden	22	264	1585	18
Len Chimienti	22	260	1822	22
Jack Barry Jr.	22	258	2842	28
"Sharpshooter"				
Paul Hichborn	22	254	1274	11
Phil Libasci	22	241	2172	18
"Marksman"				
John Zahra	22	238	2383	14
Nick Houvener	22	218	1412	8
Pete Mercier	22	213	1282	5
"Sharpshooter"				
Len Chimienti	45	245	1715	16
Dale Norden	38	245	1471	7
"Marksman"				
Jack Barry	38	215	2319	8
Phil Libasci	38	214	1943	4
Pete Mercier	38	212	1276	6

## Hospitality News

A morning coffee will be held in the Brookhaven Center on Tuesday, October 11, from 9:30 to 11:30 a.m.

Please come and bring the children. Babysitting will be provided at no charge. It is suggested that you bring along a toy or two for your children to play with.

## Bowling

### Pink League

Most of the ladies in the Pink League are still struggling to get started. Marge Stoeckel bowled a 165 game and congratulations to Fran Green on her 155 game. Helen Keeley rolled three (3) 136 games for her triplicate patch. The Lickety Splits are in first place, followed closely by Fiscal Assets, Gutter Getters, Odd Balls, Pinsplitters and Personnelites.

### Red League

A great night for W. Reams with the first 600 Scratch of the season (202-233-613 Scratch and 691 Gross pins). J. Roesler wasn't far behind (211-586 Scratch). The Old Timers took 7 points. Roesler is rolling along at a 183 clip.

The Sandbaggers took 8 points and had a single game of 1052. K. Riker had a 201 game and E. Meier bowled 200. The Designers won 7 with E. Sperry throwing a 209 and J. Ferrero rolling 564 Scratch - 663 Gross. They are tied for first with the Anachems who took 4 points.

R. Larsen bowled 210 (average 187) and J. Connelly 201, but the 76'ers were dumped (0-11) by the Got-A-Hitum. W. Kollmer and R. Barberich knocked down a lot of wood but the Bubble Boys only came away with 4. The Freon Loaders took 7 points and the Cosmos won 4 with C. Neuls having a 210 game.

### Green League

Three weeks into the season we find the first and seventh place teams separated by only five points. In a make-up game, R. Eggert rolled a 240 for the Pinball Wizards. The Got-A-Hit-Ums took eleven from the 76'ers. The Sparks downed the Pick-Ups for eleven as J. Cochrane had a 215 game. The Trouble Shooters took seven points from the Anachems. The Old Timers II could only take four points from their other team. The Pinball Wizards took seven points as the Blue Jays managed four.

### Purple & White

Congratulations to Bob Jones of the Seagulls bowling a 604 scratch series (222, 180, 202) averaging 201 for the night. Other high games Joe Mayeski 206 and 201, Ken Asselta 203. High series for the ladies, Jeanne Penoyar 459, and high game Alma Tomesch 162.

## Runners' Corner

Another record turnout of 175 runners raced each other even with threat of rain in the annual fall BNL races on Sunday, October 2. Thirty-nine intrepid souls including 5 women ran in our newest event, a 30 km time trial, and all but a few managed to beat the rain if not the clock.

The overall winner of the 30 km (there were no sex categories) was Bill Thomlinson, our current president, from Physics, who ran only 47 seconds slower than his prediction of 2 hours and 27 minutes. Winners of the 10 km race were Bob Rindfleisch of Selden (34:36) who set the course record for this race one year ago and who also holds the course record for the 20 km race, and Elaine Landry (47:12) wife of Ted Landry of DEE. Elaine's time was a BERA member course record and the second fastest 10 km time ever for a female in our 10 km race.

Fastest male in the 5 km race was Chris Matthews (16:21) of Patchogue who broke his own 5 km course record by 94 seconds. First female finisher was Virginia Johns (22:03) of Rocky Point.

We were very pleased by the fine crowd of athletes which included entrants from as far away as Staten Island and Hastings, N.Y. We would like to express our utmost appreciation to Bob Powell, who ran the meet in his usual faultless style and to his helpers, Madeline Windsor, Shirley Powell, Dave Judkins, Chuck Nauman, George Mooney, George Greene, Ralph Fairchild, Jean Penoyar, Carol McDonald, Judy Ferrero and Judy Fuller, and to the Security personnel who provided so much help.

Results of all BERA participants for the three races will be published in a future issue of the *Bulletin*.

