BROOKHAVEN BULLETIN

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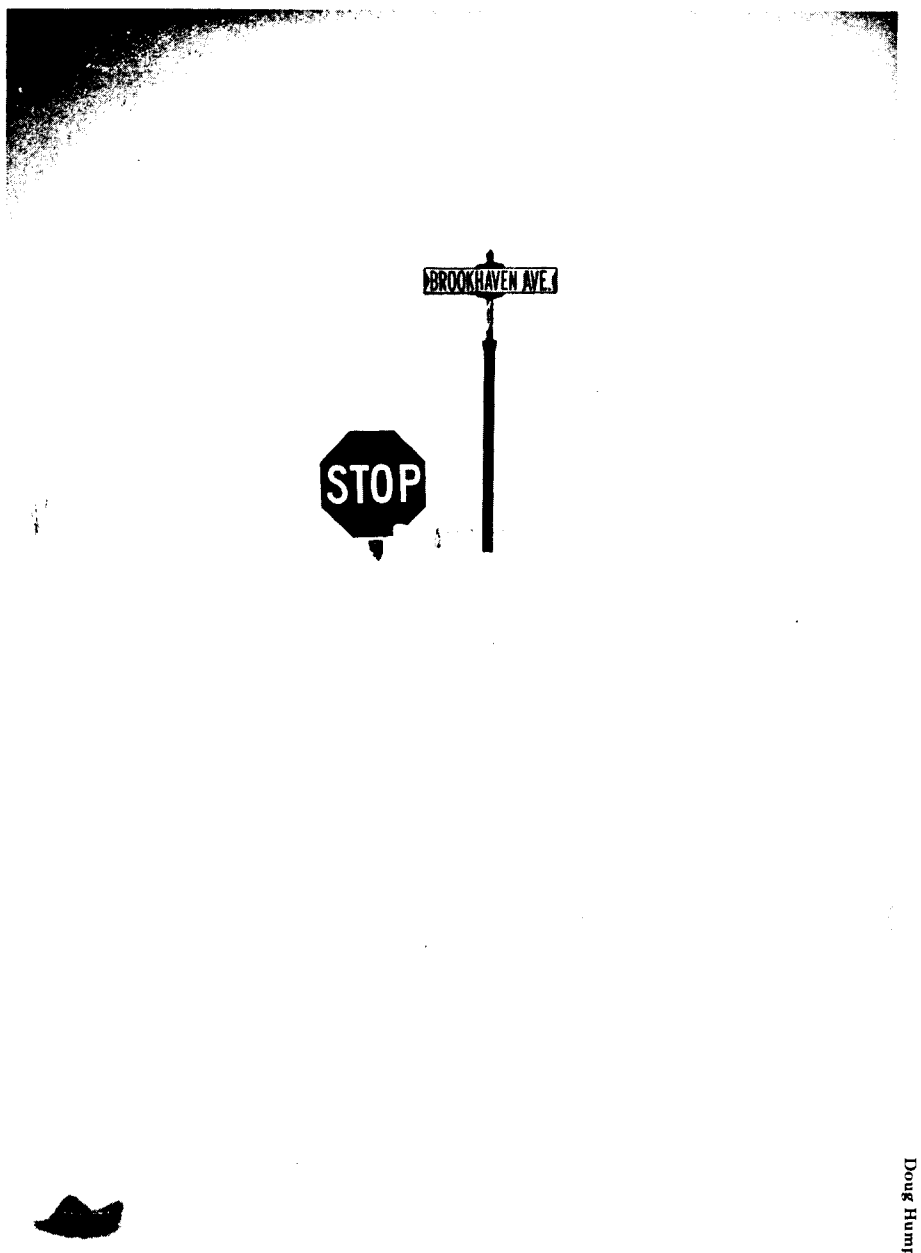
BROOKHAVEN NATIONAL LABORATORY



Doug Humphrey

The Blizzard Of '82

Winter returned with a vengeance this week Tuesday. Meteorology recorded 11 inches of snowfall on site, winds up to 45 miles an hour and temperatures dropping to 19.5°F overnight, the latter two measurements qualifying the storm as a blizzard.

Records show that the most snow we have had before in April was three and a half inches in 1952. The latest snowfall of the season on record was a mere trace, on April 27, 1969.

Snow removal at the Lab is done by the Site Maintenance Division, and when the first snowflakes started to fall, heavy equipment and grounds crews began gearing up for winter work. Being so late in the season, plows had been taken off trucks and snow fences were already down.

The crews worked throughout the night, backed up by mechanics from Staff Services who stayed on to do any necessary maintenance on the machines. With pay loaders, graders, tractors, plows and sand trucks, the snow was pushed aside and the roads cleared. When snowfall stopped at about 10 p.m., crews armed with hand shovels went out to attack walks and entrances to buildings. By Wednesday morning rush hour time, the bulk of the Lab had been cleared, and the site crews had shifted their attention to lower traffic areas, outlying parking lots and side entrances to buildings.

Most sentiments about this latest, and (let's hope) last, winter storm are best expressed by the traffic sign in the picture.

A Committee Of Problem Solvers

The Employee Relations Committee has been functioning quietly but effectively behind the scenes for the last two years. This independent seven-member committee has heard numerous problems which complainants have not been able to resolve in their own departments.

"When someone feels 'boxed in' about a problem at work, they can come to us," says John Keane, chairman of the committee. "Sometimes it helps for them just to talk out their problem and we can point them in the right direction. In any case, they can be sure of a rational, objective approach to their concerns." All discussions with the employee are kept confidential unless the employee wishes otherwise.

To keep the committee functioning effectively, a procedure has now been established for the regular replacement of members. Each year three members will step down and three new appointments will be made for a term of two years. The procedure will go into effect on June 1st and three committtee seats will be available.

Those who would like to recommend someone to this committee are asked to send their recommendations to the head of their department or division, to any committee member, or to Robert D'Angio, personnel chief. Also, if you would like to serve on the committee yourself, let any one of the above know. Recommendations should be submitted by the end of April.

(Continued on page 3)

Credit Union Comes To BNL

Brookhaven has been approved for membership in the Teachers Federal Credit Union (TFCU). The parent body, the National Credit Union Administration, accepted BNL earlier this year and arrangements for implementing the membership have been in process since then.

To acquaint employees with its services, officials of the credit union will be at the Cafeteria on April 15 and 16 from 11:30 a.m. to 2 p.m. They will dispense information and brochures and will have the necessary forms on hand with which to open accounts.

The following Monday, April 19, an on-site office of the credit union will open at Building 179, 2 Center Street. Each work day from the hours of 9:15 a.m. to 5 p.m., TFCU personnel will be available to answer questions, help employees with loan applications, fill out forms, etc. Please note that this office will not be a banking facility; there will be no cash transactions. Its primary function will be to coordinate payroll deductions for BNL employees in the use of TFCU services.

For banking services, Brookhaven employees have access to any of the TFCU branches in Elwood, Farmingville, Great River, Bay Shore, SUNY at Stony Brook and at the International Shopping Mall in Stony Brook. Saturday drive-in service is available at the Great River branch and is anticipated around July 1 at Farmingville and Bay Shore.

Some of the financial services provided by the TFCU include savings and checking accounts, loans and Individual Retirement Accounts.

As of July 1, the dividend rate on basic share savings accounts will increase to 6.5% on balances of $1,000 or more; 6% compounded quarterly is paid on share savings accounts of less than $1,000. Savings accounts are covered by no cost life insurance to a maximum of $4,000. Loans also are covered by insurance at no cost to the borrower. Among the loan programs is the Credit Unions's Student Loan which, it is understood, carries favorable rates and terms.

Checking accounts (called share draft accounts) pay a 5.75% dividend, from day of deposit to day of withdrawal, on balances of $500.

Credit union services include Individual Retirement Accounts with three high-yield certificate accounts to choose from. A variety of certificates are offered including 26 week and 30 month Money Market; All-Savers certificates with tax free dividends; and a 30 to 89 day Mini-Max paying 12%.

Club accounts include Holiday, Vacation and a Squirrels Club for children.

You become a member of the credit union by opening an account. With employee membership, spouses and children are also eligible.

Total assets of Teachers Federal are $68 million and membership numbers 48,000. All savings accounts are insured to $100,000 by the National Credit Union Administration.

Best Bank For BNL

To ensure that BNL and its employees receive the best possible total package from the on-site bank, all commercial banks presently doing business in Suffolk County were invited to submit proposals for the bank's operation.

Of the 28 commercial banks that were solicited, two submitted viable proposals. After an evaluation of the two plans, Barclay's Bank of New York was chosen to continue operating BNL's banking facility. The main reason for this choice was that Barclay's offered lower loan rates than the other contender. The plan submitted by Barclay's will not change the services offered to Laboratory employees.

Frank Press At BNL

Roger R. Stoutenburgh

Dr. Frank Press, (third from right) president of the National Academy of Sciences, and former Science Advisor to President Carter, toured the ISABELLE site and other Lab facilities on Saturday, April 3. He was on Long Island to attend a dinner later that evening given by the Stony Brook Foundation in his and Carl Sagan's honor. At the ISABELLE tunnel, from left, are Homer Neal, Provost, SUNY at Stony Brook; Mrs. Neal; Parke Rohrer, deputy project head ISABELLE; associate director Vincent O'Leary; Dr. Press; acting director Nicholas Samios; and Robert Hughes, AUI president.

On The Track With ALF

Amidst the steady flow of business at the warehouse area last week Friday, the three tank cars might have rolled onto Brookhaven's rail siding unnoticed. But a small group of people had already gathered expectantly, and when the cars pulled in, the clanging and groaning of the tracks was music to their ears.

Nelson Tyler was one of the greeters. He had been waiting for them since the beginning of their journey from San Antonio, Texas. Excess property procurement supervisor in Supply and Materiel, Tyler had worked out the acquisition of the cars' cargo and the logistics of the move.

Ed Rogers was there, too. Staff assistant in Plant Engineering, he represented the group that was going to use the contents of the cars: 80,000 gallons of calibrating fluid from Kelly Air Force Base. No longer pure enough for calibration purposes, the fluid was still useful to blend with other surplus or recycled liquids. The end product would be ALF, Alternate Liquid Fuels, a much cheaper substitute for No. 6 fuel oil, to be burned in Brookhaven's steam plant.

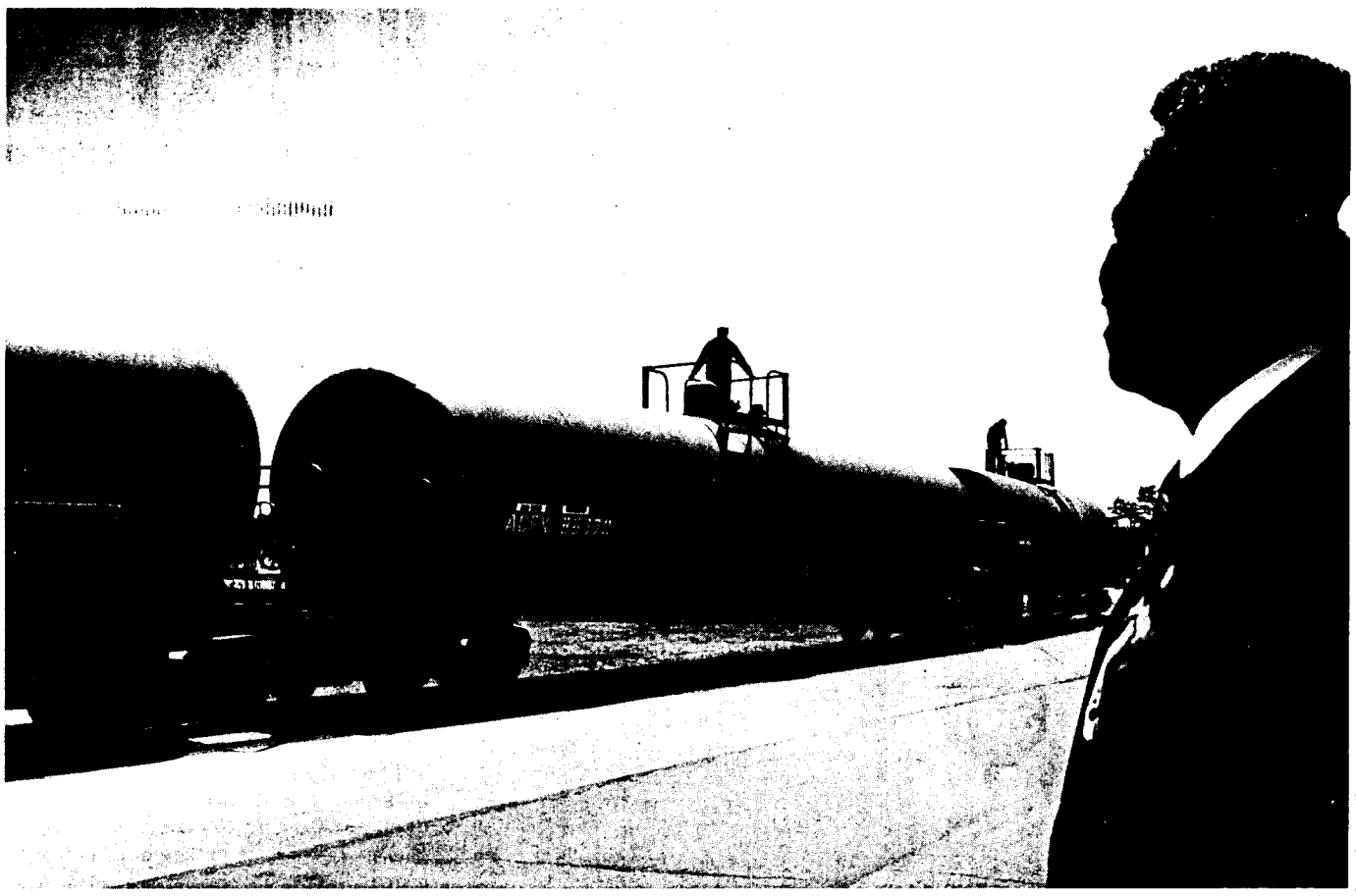
The arrival of the three cars marked the first shipment of fuel by rail to the Lab since the days of coal burning, some 30 years ago. Trucking has been more economical. And ALF has always been brought in by truck, since the only developed sources of it have been in the northeast and parts of the midwest, according to Tyler.

He says trucking from the west has never been done because it's too expensive. But several months ago, he did some investigating and found that rail transportation was cost-effective over the greater distance.

The three tank cars have a capacity of 30,000 gallons each. Contracted through a commercial carrier, they have been assigned to Brookhaven and will be used again. After they have been unloaded here, they will make more trips to Kelly Air Force Base to pick up the remainder of the 200,000 gallons of calibrating fluid waiting there.

Says Tyler, "It's my intention to get all the product that is available." Now that the rail transportation has proved to be cost-effective, he is already looking into other military bases out west. On his list are Alameda, Travis, McClellan and Castle, all in California.

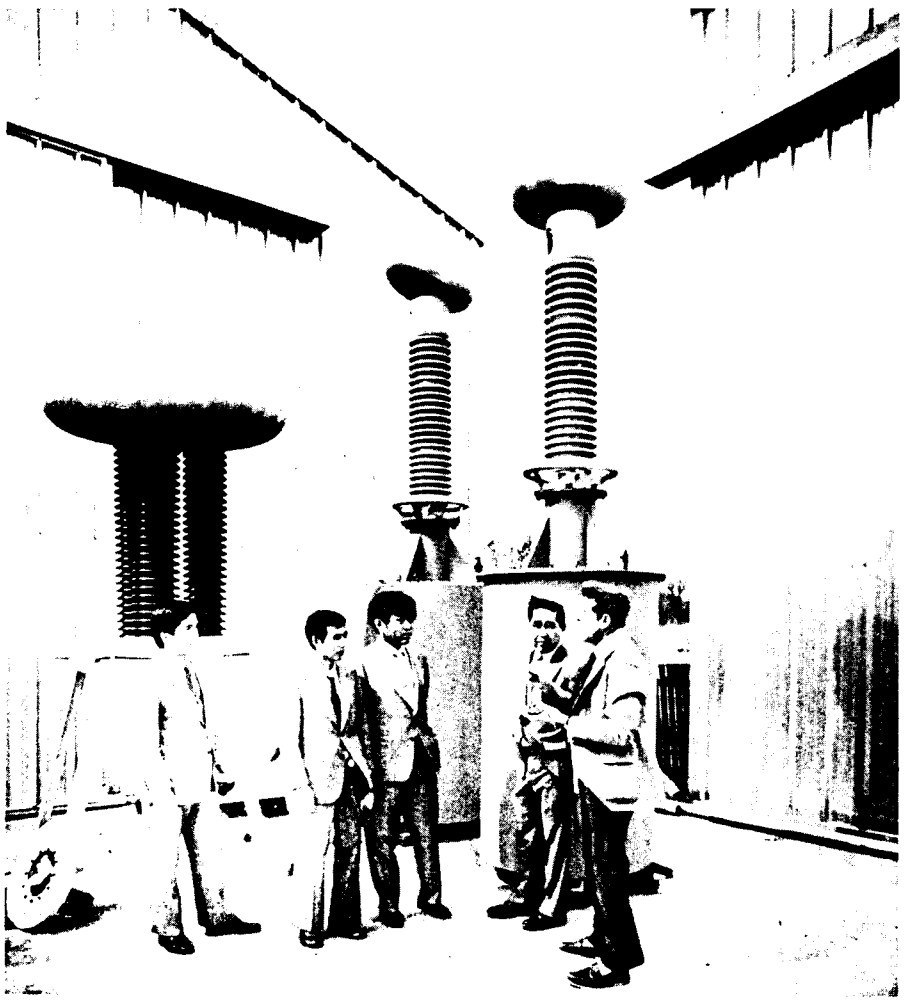
This first train shipment of ALF went smoothly, coming in only an hour later than expected, after a two-week journey of nearly two-thousand miles. What better train service can one expect?



Doug Humphrey

Nelson Tyler looks on as Ed Rogers (left) and Mark Culp check the seals on tank cars full of calibrating fluid. The three cars arrived by rail last week, the first shipment of fuel by rail to the Lab since the days of coal-burning. The calibrating fluid will be blended with other fluids to make ALF.

Japanese Investigate BNL Power Project



Doug Humphrey

Four officials of NKK and Japan Oxygen recently spent two days here inspecting the transmission line test facility. The Japanese were interested in the BNL project because the size and power level of its equipment make it unique in the world. The Japanese Central Research Institute of th Electric Power Industry is planning a cryogenic test line about 200 meters long. With Eric Forsyth (far right) division head of Advanced Technology Applications, is (left) D. Murata, NKK America; J. Ogata, NKK; T. Matsumoto, NKK; and J. Takada, Japan Oxygen. NKK is a giant ship-building and steel producing company with a large division concerned with cryogenics. The company would supply the refrigerator and piping at the new test site.

On Discussional Language

After years of attending scientific meetings, the author realized he really didn't understand the discussions which followed formal presentations of papers. So he set about listening and studying, and was finally able to find the pattern of discussions. Then he defined the phraseology and translated the most commonly used phrases so that others might understand instantly what is being said.

Common Phrases Used In The Discussion Of Scientific Papers

(The translation is given after each numbered item.)

1. Your Paper Contains an Impressive Amount of Information That Cannot be Encompassed in Such a Brief Presentation.
(An unbelievable wealth of data that has been untouched by the human mind.)

2. Could You Tell Us the pH and Temperature at Which Your Tests Were Run?
(I want to know whether you or your lab tech did the study.)

3. This Is a Remarkable Number of Patients With an Unusual Condition, That Few of Us Will Have the Opportunity to Treat.
(Your practice is strictly from Skid Row.)

4. Five Years Ago We Had the Opportunity to See a Similar Case.
(But we were too lazy to publish it.)

5. It Is Remarkable How Similar Your Results Are to Those of _____.
(So similar that it's surprising that you have reported it as original work.)

6. In Our Laboratory We Have Recently Considered a Similar Line of Investigation.
(My resident just read your last paper.)

7. In Our Hospital We Perform the Same Operation, but Our Results Are Somewhat Different.
(We don't let the residents perform this operation.)

8. Although We Have Reached the Same Conclusion, We Have Not Performed Such Elegant Studies.
(Thirteen years of higher education and training haven't altered our personal prejudice.)

9. We Have Also Studied This Problem, but From a Slightly Different Perspective.
(Our work is unrelated to yours, but this is the only way to get it on the program.)

10. At Our Institution We Have Had a Modest Experience With This Operation.
(We've done twenty times the number of operations you've reported, and with better results.)

11. Can You Explain the Difference Between Your Results and Mine?
(I don't believe you.)

12. We Always Look Forward to the Author's Presentations.
(This is the third time I've heard you present this paper.)

13. This Paper Will Become a Classic.
(It would have been better to publish it in an obscure journal than make us listen to the presentation.)

14. The Authors Have Been Bold in Attempting to Solve This Problem.
(But they have failed miserably.)

15. Do You Presently Employ This Operation in Your Clinical Practice?
(It may be fine for dogs, but who would be foolish enough to try it on humans?)

16. Your Results Are Intriguing, Have You Considered a Different Approach?
(An unimaginative study. Even I can design a better experimental protocol.)

17. We Hope That You Will Continue to Enlighten Us at Future Meetings.
(By then you may have accumulated adequate data to draw a valid conclusion.)

18. You and Your Team Have Done an Outstanding Job.
(I know you are not competent to do this work without the help of more experienced investigators.)

19. We Have Done Similar Work. Slide, Please.
(My paper was rejected by the Program Committee.)

20. The Authors Are to be Congratulated for Their Innovative Analysis.
(It looks like your CPA prepared the statistics.)

21. This Was an Elegant Presentation.
(Your oratory, and the artistic slides, are the only commendable parts of your work.)

—By Stanton P. Nolan, M.D.
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Typing Elements: Fix, Don't Buy

Through a cost reduction suggestion by Helen Streeter, Physics, a company has been located that repairs IBM Selectric typing elements. The price to completely restore an element is $7.95 as compared to the standard purchase price of $18 for a new element. Should BNL have between 50 and 99 elements repaired during a one-year period, the price will drop to $6.95 each. The price is even lower as quantities reach 100, 250 and 500.

If you have any broken or damaged typing elements, forward them to the Office Machine Repair Section, T-87. As these are repaired, they will form a central pool which will be maintained in T-87. Once this is in operation, people who send an element for repair will receive a replacement in exchange at no charge.

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Employee Relations

(Continued)

The names of the employees proposed for membership will be forwarded to the Director's Office. From the list, the Directorate, in conjunction with the Employee's Relations Committee will select three new members.

If you wish to get in touch with a committee member, either to get advice on a problem, or to propose someone for the committee, here is the current listing:

John Keane (chairman) Ext.4724; Roger Bailey, Ext. 5292; Frank DeVito, Ext. 3976, 4113; William E. Lenz, Jr., Ext. 2422, 2419; Vincent LoDestro, Ext. 5005; Irene Steele, Ext. 3415.

BNL Or Bust!

Lee Ann Quisenberry, a student at Medora Elementary School in Valley Station, Kentucky, released a yellow balloon on Tuesday, March 23. At 11 a.m. on Wednesday, March 24, John Cochrane, a tower linesman from Plant Engineering, found it in a tree near the Biology research fields.

The card Lee Ann had attached to the balloon explained, "Our school is participating in *Weekly Reader's* Writing Pals Balloon Contest." Cochrane had heard about a balloon contest on the radio that morning. While he had suspected this might be a contest balloon, he figured it was local in origin. But Lee Ann's address and the date of her message indicated the balloon had traveled a considerable distance in a very short time. To verify its authenticity, Cochrane went to Sy Fink and Bob Brown of DEE's Atmospheric Sciences Division.

There it was confirmed that a helium balloon attaining a proper height, under the right weather conditions, could have traveled that fast, covering the 750 or so miles between Valley Station and Upton in a 24-hour period. Brown plotted the balloon's flight on a surface chart showing the weather patterns affecting the area during this time. The chart was sent to Lee Ann along with her message and a letter from Fink crediting Cochrane with the find.

The contest is designed to get kids interested in writing by encouraging correspondence between the student and the finder. Weekly Reader will award a prize of $500 to the school of the student whose balloon goes the furthest in this national competition.

Arrivals & Departures

Arrivals

Jerome I. Barancik .... Energy & Env.
Manuel A. Rosa ..... Plant Engrg.
Akihiro Shima ..... Biology
James S. Munson ..... Ofc. Sci. Pers.
Louis J. Teutonico .... Nuclear Energy

Departures

This list includes all employees who have terminated from the Laboratory, including retirees:

Isabel Cristiano ..... Management Sys.
Desiree A. Harmon ... Nuclear Energy
Alan L. Hermelee ..... Energy & Env.

Donors Wanted

A 12 year old boy, with Reye's Syndrome, is at University Hospital, SUNY at Stony Brook. It has come to our attention that blood services are having difficulty getting sufficient quantities of his blood type and volunteer donors are sought. If you have B' or B⁻ type blood, and wish to volunteer, please call 444-2626.

Tennis Ladder

The Tennis Committee challenges the men and women of BNL to compete against each other through the Tennis Ladder, which will commence Monday, April 26. Sign-up sheets and ladder rules are now posted at the BERA Sales Office. Player rankings will first be based on how players finished last year, and then according to the order of sign-up. Rankings will be posted by Friday, April 23. During the first three weeks of play, ending May 14, members of the Tennis Ladder are allowed one free challenge; thereafter, all challenges are as per posted rules. The ladder will run throughout the summer and will climax with a playoff to end the season.

This year, the ladder will be run by Tennis Committee members Marie Susa and Naresh Bhagat. Other members of the Tennis Committee are Eena-Mai Franz (Chairman), John Elmore, Georgia Irving, Andy Kevey, George Oldham, Larry Passell, Ed Platner, Steve Shapiro and Gail Williams.

Camping Club

The regular monthly meeting of the BNL Family Camping Club will be held on Thursday, April 15, at 8 p.m. in the Recreation Building.

Call club chairman Chuck Watson, Ext. 5317, for more information.

Cafeteria Menu

Week Ending April 16, 1982

Monday, April 12		
Cream of tomato soup	(cup)	.60
	(bowl)	.70
Ham and noodles au gratin & 1 veg.		1.70
Swedish meatballs on rice		1.75
Hot Deli — Chili dog		1.75
Tuesday, April 13		
Lentil soup	(cup)	.55
	(bowl)	.65
Roasted turkey & stufffing w/giblet gravey		1.80
Corned beef & cabbage		1.75
Hot Deli — Top round of beef	(bread)	1.75
with green peppers	(roll)	1.85
Wednesday, April 14		
Split pea soup	(cup)	.55
	(bowl)	.65
Old-fashioned beef stew on noodles		1.85
Baked lasagna & 1 veg. w/garlic bread		1.75
Hot Deli — BBQ pork sandwich	(bread)	1.75
	(roll)	1.85
Thursday, April 15		
Beef noodle soup	(cup)	.55
	(bowl)	.65
Sauerbraten & potato pancake		1.85
Sauteed chicken breasts on rice		1.80
Hot Deli — French-toasted ham & cheese		1.70
Friday, April 16		
Fish chowder	(cup)	.60
	(bowl)	.70
Beef hash & 1 veg.		1.70
Veal scallopini & 1 veg.		1.75
Hot Deli — Clam boat		1.85

The Cafeteria now features a Salad Bar, open from 11:30 a.m. to 12:30 p.m., Tuesday, Wednesday and Thursday. Chef Salad, $1.85.

Lecture Reminder

Marshall Newton, Chemistry Department, will give the next BNL Lecture at 8 p.m. on Wednesday, April 14 in Berkner Hall. His talk is entitled "What Does Theory Do For Chemistry These Days?"

Contest Winner

Liz Seubert is the winner of a BERA-sponsored contest to choose a design for souvenir T-shirts. BERA rules stated that submissions must be representative of the Laboratory and its environs. Here, Seubert holds a mock-up of a T-shirt bearing her original design — a cartoon depicting the HFBR and smokestack enjoying the sun and sand of Long Island. Now a secretary in DEE, Seubert began cartooning while working in advertising. Her illustrations have appeared in a book about Medieval France and, most recently, a Spanish grammar book. Cartoons by Seubert have also been published in the Bulletin. For her winning efforts, she receives a cash prize of $25 and a free T-shirt. The T-shirts will be on sale at the BERA Sales Office later this spring.

Sodium Guide

Those who missed out the first time will be glad to know that a list of food items and their sodium content is once again available at the Occupational Medicine Clinic.

Mountain Club

The Mountain Club announces its spring calendar:

April 12 — Noon lunch meeting in Room D, Berkner Hall, to plan April 16-18 trip. Call Anita Swoboda, Ext. 2968, for information.

April 16-18 — White Water Canoe/Raft trip for experienced canoers only.

April 23-25 — Delaware River canoe trip, experience not necessary. Call Pat. Ext. 7635, or Anita, Ext. 2968.

April 28 — Noon lunch meeting in Room D, Berkner Hall, to plan a spring backpacking trip in New England. Call John Nicolellis, Ext. 4243, for information.

May 4 — General meeting in Brookhaven Center at 5:30 p.m. to plan summer trips.

Afro-American Club

The Afro-American Culture Club will meet at noon on Thursday, April 15, in Room C of Berkner Hall. The meeting will focus on planning the calendar of events for the upcoming fiscal year.

All members and would-be members are urged to attend and join in the fun and excitement of putting these programs together. Special emphasis will be placed on the April 30th spring dance.

Cooking Exchange

Mexican cooking will be featured at the next meeting of the Cooking Exchange on Wednesday, April 14. Meetings are held at the Recreation Building in the apartment area from 12:30 to 2:30 p.m. Admission is $1, and babysitting is provided at 50¢ per child. Lab employees and their immediate family members are invited to attend.

For more information call Cindy Grier, 744-7849, or Ruth Fernow, 928-8465.

Motorcycle Club

There will be a club meeting on Monday, April 12, in the Recreation Building at 5:15 p.m. Plans for the spring tune-up will be finalized. Pizza and beer will be available.

Bowling

White League

The Gropers have moved into first followed by the Flounders and the Portsiders. K. Conkling bowled a 193, C. Zopf 187/188/176 for a 551 scratch, M. Stoeckel 181, N. Tyler 230, J. Griffin 220, D. Adams 213, J. Petro 210, G. Hassell 200.

Purple League

T. Romano rolled a 216, B. Brown 202-575 series, C. Tomesch 200/553 series, K. Riker 200/552 series, C. MacDougall 190, J. Pinelli 181, B. Benson converted the 6/7, M. Milian 1/2/7, B. Jellett 2/7/10.

Red & Green League

C. Bohnenblusch had games of 244/213 for a 624 scratch 696 gross series, J. Cochrane 234, R. Jones 225, H. Marshall 224, J. Morris 221, H. Arnesen 210, F. Pond 208, E. Sperry 207, R. Eggert 205, C. Tomesch 200.

Pink League

F. Briening bowled a 169, M. Larsen 181, J. Thiede 164/168, C. Beckner 170, D. Johnson 172, M-G Meier 165, H. Keeley 165/185.

Classified Advertisements

Placement Notices

The Laboratory's placement policy is to select the best-qualified candidate for an available position, with consideration given to candidates in the following order of priority: (1) present employees within the department, with preference to those within the immediate work group; (2) present employees within the Laboratory as a whole; and (3) outside applicants. In keeping with the Affirmative Action plan, selection decisions are made without regard to age, race, color, religion, national origin, sex, handicap or veteran status.

Each week, the Personnel Office lists new personnel placement requisitions. The purpose of these listings is, first, to provide open placement information on all non-scientific staff positions; second, to give employees an opportunity to request consideration for themselves through Personnel; and, finally, for general recruiting purposes. Because of the priority preference policy stated above, each listing does not necessarily represent an opportunity for all candidates. As a guide to readers, the listings are grouped according to the anticipated area of recruitment.

Except when operational needs require otherwise, positions will remain open for one week following publication date.

For further information regarding a placement listing, contact the Personnel Placement Supervisor, Ext. 2882.

The vacancies listed below have been exempted by the Director's Office from the current freeze on open requisitions.

LABORATORY RECRUITMENT: Opportunities for present Laboratory employees.

1674. TOWER LINE PERSON - Group Leader. Plant Engineering Division.

1675. BUDGET/ADMINISTRATIVE POSITION -Requires a bachelor's degree or equivalent experience. Knowledge of the Laboratory's accounting and fiscal practices and previous administrative experience required. Responsibilities will include the preparation, coordination and administration of the Division's operating budgets, and the coordination of the activities of the Division with the administrative and support areas of the Laboratory. Reactor Division.

1676. PROJECT ENGINEER - Requires BSEE or equivalent background. Will design and maintain reactor instrumentation systems and prepare review packages (e.g., for safety and quality assurance) for modifications. Must be able to obtain or have a current "Q" security clearance. (Reposting of job 1643) Reactor Division.

1677. HEALTH PHYSICIST - Requires BS in a physical or life science discipline and certification or equivalent experience as a hands-on health physicist in an academic, industrial or commercial environment. Familiarity with radiological environmental monitoring instrumentation is also required. Individual will coordinate BNL's Radiological Assistance Program. Activities include planning for emergency technical support to facilities in Northeast section of U.S. Ability to obtain "Q" clearance is essential. Safety and Environmental Protection Division.

Auto & Auto Supplies

78 TRANS AM - 6.6 T/A eng., 4 spd., de., p/s, p/b, t-top,, gold edt., new brakes & exhaust, excel. cond., $5,500, neg. Roy, Ext. 4664 or 744-8779.

71 CHEVY VAN - 6 cyl., stand. trans., 131K mi., $400. Tom, Ext. 7115.

73 MAVERICK - 6 cyl., auto, am/fm cass., 58,000 mi., garaged, mint, & more, best offer. Ext. 2034 or 928-7042 after 5:30 p.m.

78 HONDA MOTORCYCLE - 550, Windjammer, stereo, new tires, tune-up, extras, asking $1,750. Jimmy, Ext. 2350 or 878-4506.

71 VW BUG - rebuilt eng., new trans., good rubber, $550. 878-2681 eves.

77 YAHAMA - 360cc, elect. start, excel. cond., extras, $700. John, Ext. 4185 or 929-8204 after 5 p.m.

73 VW BUS - a/t, am/fm stereo, good eng., very clean, no rust, $2,200. Ext. 7699 or 821-1435.

72 VOLKSWAGEN SQUAREBACK - runs, $500. Bob, Ext. 3062 or 587-3997 after 6 p.m.

68 DODGE DART - needs work, good for parts, includes rebuilt trans. Jennifer, 473-5380 after 5 p.m.

71 DODGE VAN - 6 cyl., auto, all windows, stock inside, exec. mech., new tires. Joe, Ext. 7961 or 878-2655 eves.

72 STARCRAFT POPUP HARDTOP - sleeps 6, porta-potti, new water tank & pump, excel. cond., $1,300. 472-0339.

77 TRUCK CAMPER - 11' Aristocrat, loaded, mint cond., must sell. Mike, 878-1325.

80 SUZUKI - GS1000L, shaft drive, luggage rack, many extras warranty, $3,000. Ext. 7745 or 981-9474.

73 FORD PICK-UP - 103K mi., ton cap, extra wheels, stand. shift, 6 cyl., asking $1,500. Ext. 4547.

80 HARLEY - Sportster, low mi., excel. cond., extras, $3,600. Lynne, 878-2814.

RIMS - Ford, (2) 15", $5/ea.; GM, (1) 15", $4. M. Tesla, Ext. 3284.

72 CHEVY PICK-UP - 8 cyl., 8' bed, a/t, r/h, h.d. suspension, radiator, 8 ply rear, $1,800. Bob, 475-4382.

79 HONDA - CM400T, 2000 mi., garaged, must sell, $1,300. 981-0181.

REAR SHOCKS - heavy-duty, load levelers, $30. Chris, Ext. 3919.

76 HONDA - 500cc, maint. cond., some extras, brand new battery, must be seen, $800. Mark, Ext. 2957 or 331-2270.

VOLVO SPARE PARTS - for 142, doors, drive shaft, bumper. J. Henriques, Ext. 4439.

80 MUSTANG - 4 cyl., 4 spd., 16,000 mi., am/fm, 8-track, $5,400. Lynne, 878-2814.

HONDA - 750cc, 13,000 mi., many extras, must sell, mint. $1,600. 698-5088.

65 PLYMOUTH VALIANT - good running cond., body good, asking $450. 924-5192 eves.

MOTORCYCLE TIRE - brand new, 300-18 4 ply, $18. 924-3082.

AM/FM RADIO - new, $20. Steve, Ext. 4297 or 929-6877.

RADIO - am/fm cassette, auto reverse, excel. cond., cost $140, sell $70. 281-8274.

78 HONDA - 400cc, well maint., 6000 orig. mi., some extras. Must see. $1,000. Ext. 2926.

72 CHEVY WAGON - good engine, runs well, good body, $600. Ext. 3293 or 698-6437 eves.

73 CHEVY CAPRICE WAGON - good cond., a/c, am/fm, a/t, $750. Ext. 2358 or 286-0497.

73 VW BEETLE - very good engine, good body, am/fm stereo w/cassette, $850, firm. 293-7368.

70 CHRYSLER NEW YORKER - 2 dr., good running cond., clean, all power. Ext. 7633 or 727-1931.

72 CHEVY - 8' bed, 8 cyl., radio, heater, heavy duty suspension radiator, 8 ply tires rear, $1,800. Bob, 475-4382.

80 SUZUKI - RM-125 dirt bike, very good cond., $800. Peter, 475-8406.

75 ALUM CAP - for Datsun pick-up, 6', white, good cond., best offer. Bill, 399-2531.

81 CAMARO - dk. blue, Spoiler, custom interior and wheels, V6, a/t, p/s, p/b, am/fm tape, rustproof, etc., mint, $7,800. Ext. 4042.

76 VW DASHER - 4 dr., a/t, am/fm, $2,800 or best offer. Arnie, Ext. 2606.

75 OLDS CUTLASS - Supreme Spt. Cpe., auto., 260 V8, stereo cassette, powder blue/white int., excel. Ext. 3381 or 286-1024.

79 HONDA MOTORCYCLE - 400cc, almost new cond., $1,400. 588-0805 eves.

77 HONDA MOTORCYCLE - super sport, 750cc, clean, runs excel., extras. Jim, Ext. 4095.

72 HARLEY DAVIDSON - FLH police special, $2,900. John, Ext. 4973 or 798-3766 after 6 p.m.

78 HONDA TRAIL BIKE - XR75, excel. cond., w/new sprocket & chain. Al or Cliff, 369-1768.

Boats & Marine Supplies

73 BOAT WINNER - fiberglass, 16 ft., hull only, $700. 924-3082.

SKI BARGE - 16', fiberglass, incl. all equip., $1,000. 654-1945.

SEMI-VEE BOAT - Sears, heavy duty alum., 12', like new. $350; boat trailer, 12', $75; 7 HP, Sears outboard motor, excel. cond., will demon., $300.

Joe, 744-3509 eves.

SEA HORSE BOAT - 8 ft., fiberglass, used twice, $275 w/oars. Sue, 286-8554.

14' RUNABOUT - glass over wood, good ski boat, $100; 14' rowboat, wood, good fishing boat, $50. Ted, Ext. 4163 or 286-0065.

18' BARBOUR - 40 HP; Evinrude trailer, all for $750. Eriksen, 929-8642.

22' SEA SKIFF - fiberglass, V6 I/O w/75 hr's on it, Tandem trailer, plus extras, $3,500. Charlie, Ext. 3935 or 325-0968.

DIXIE MODEL 172 - 16' Mod. V Bow Rider, 65 amp., hr. battery & case, navy top, 65 HP Mercury w/Power Tilt, (2) 6 gal. tanks, Cox f/r/spare & power winch. Like new, asking $4,295. 929-4522 after 5 p.m.

15' SHASTA TRAILOR - $750; 5 antique outboard motors. 924-3082.

12' FIBERGLASS - 10 HP Evinrude, 1979 trailer, $725 or best offer. Brian, Ext. 2059.

33' ULRICHSON TWIN CHRYSLERS - 1969, fully equipped, ready to go, priced to sell. 751-2867 or 751-1398.

15' GLASTRON - 55 HP engine, including good trailer. Very good boat, $1,200. Bob M., Ext. 2514 or 757-3178.

18'7" CHAPPARRAL - 1981, 115 Johnson full instrumen., fully galvanized trailer, $7,500. Mark, Ext. 3499 or 698-5748.

16' OPEN FISHING BOAT - alum., 40 HP Evinrude engine, elec. start., Mfg. trailer, $950. 924-6751 eves.

23' FIBERGLASS SEARAY - 1967, I/O engine and outdrive, excellent boat in good cond., w/trailer $2,500. Ann, Ext. 4224.

Yard Sale

SPRING CLEANUP - misc. items, gifts for Easter, live plants, terrariums, lots of goodies. April 9&10, 39 Nottingham Dr., Middle Island. 924-9232.

Miscellaneous

WESTINGHOUSE STOVE - 2 ovens, side by side, 42" wide, excel. cond., 281-6026 after 4:30.

LP GAS FURNACE - 49,000 BTU, recess in floor or free stand. Like new, $100. Susan, Ext. 7235 or 399-1736 after 5.

PUPPIES - Shih-Tzu, AKC reg., shots, 6 wks. old. Ext. 7727 or 929-4631.

MINIBIKE FRAMES & WHEELS - no engs., sell or trade for go cart frame w/wheels. Bob, Ext. 4672 or 929-4753.

TUB ENCLOSURE - glass, 5', $30. Bill, Ext. 3355 or 472-4684 after 6:30 p.m.

SEARS AIR CONDITIONER - 8,000 BTU, window unit, 110V, $150. 9296984.

KING SIZE MATTRESS - foam rubber, firm, Posturpedic w/two box springs, like new, $180. Ext. 4333.

MINOLTA CAMERA SRT102 - 35mm, 50mm 1:17 lens, shutter 0-1000, good cond., $125 firm. 281-0360 eves.

ZENITH COLOR TV - 23", needs some work, asking $100. 654-5609.

G.E. DISHWASHER - under counter model, $35; G.E. 4-burner counter range, $40; new G.E. 36" hood fan, harvest gold, $25. 281-3445.

BIKES - boy's 20", red, like new, $40; girl's 20", yellow, like new, $40; ice skates, boy's sz. 2, like new, $7. Richie, Ext. 2175 or 734-7342.

FURNITURE - contemp., good cond., liv. rm. couch, 2 chairs. Franz, 744-3235.

275 GAL. FUEL TANK - $50. Hank, Ext. 3848 or 472-0553.

MEAT SMOKER - car radio; helmet; oak desk; couch; rugs; fishtank set up; books; hand-woven Mexican blanket; coffee table. 924-4054.

KITCHEN CABINETS - solid pine (base and wall), custom built, wrought iron hardware, porcelain knobs, suspended drawers, excel. cond. David, Ext. 3576 or 286-8229.

BLACK MINK COAT - sz. 5, needs minor repair, best offer. 281-8236 before 7:30 a.m.

WHITE BATHROOM SINK - $10; apartment size refrig., $25; car-top camping box, $20, kerosene lamps. 286-8554.

AMERICAN HOLLY - 3 to 5 ft., u-dig, $2/ft.; Alberta spruces, 1 to 3 ft., $7/ft. John, 744-5867.

SUEDE COAT - sz. 10, chocolate brown, pile lined, worn twice, orig. $130, now $90. Betty, Ext. 7126.

TRANSITE PEGBOARD PANELS -4'x8'x", orig. cost $48/ea., selling for $15/ea. 286-1522 eves.

GENERATOR - good working cond., $200; cast iron 6 ft. ladder, $15; bookcase, $5/ea. 286-8554.

TRESSEL BENCHES - (2) 2" thick dark stained wood, approx. 5 ft. long, good cond., $30. 281-0360 after 6 p.m.

J.C. PENNEY LAWNMOWER - 3 HP, 22" wide cut, 8 yrs. old, $30. Bill, Ext. 3355 or 472-4684 after 6:30 p.m.

SPRING ALL WEATHER COAT - girl's, fully lined, beige, sz. 14, $10; girl's yellow checkered spring coat, sz. 10, $10. Ext. 2543.

TUMBLING BARRELS - machine and 2 rubber lined barrels (110 volt), $150. Fred, Ext. 4407.

WASHING MACHINE MOTORS - best offer. Ext. 2226 or 331-3445.

CHILD SEAT - Strolee Wee-Care car seat, approved model, for ages 0-4 yrs., very good cond., $27.49. 928-1068.

CRABAPPLE - Jap. Red Maple, White Birch, Rose of Sharon trees, Rock Garden sedum, Hen and Chicks plants. Irene, 589-6468 after 5 p.m.

MOUTON LAMB JACKET - brown, fit szs. 12-16, $75. 475-0144 after 6 p.m.

GOLF CLUBS - woman's right hand, Patty Berg, 7 irons, putter, 3 woods, $75. Eriksen, 929-8642.

PORCELAIN BARBER CHAIR - 1940's, great conversation piece, $150; electric barber pole light, $120. Mike, 669-9482.

GRANDFATHER CLOCK - Ridgeway, all wood walnut, Westminister chimes, excel., $600 firm. 924-6354.

ORGAN - Wurlitzer; kitchen table & 2 chairs; xylophone; bicycle (2&3 wheels); stroller; toy box. 924-3755.

FREEZER - 19 cu. ft., upright, Coldspot, $250; 10 ton house jack, $20. 929-8642.

MEDICAL THERMOMETERS - new, $10. Charlie, Ext. 3935 or 325-0968.

SCANNER - Hand-Held Rosscan, 2 rubber antennas, wall charger, 4 crystals, asking $100. 654-5775.

WARDS CHEST FREEZER - 25 cu. ft., excel. cond., $235; 7' sofa, $125; G.E. refrig., 17.6 cu. ft., white, no frost, 166# freezer sect., excel., $150, western saddle, $40. 929-4522.

FREEZER - 20 cu. ft., $200; girl's 20" bike, $45. Paul, Ext. 4156.

POOL - 24'x4' fully equipped; chandeliers; Deming water pump w/30 gal. tank express switch; buffet; medicine chests; bath vanity; twin size headboards. Jake, Ext. 4532.

75 CAMPER - Viking Pop-up, 6, heater, sink, stove, water tank, excel. cond. 286-8554.

VACUUM - Craftsman home/shop, wet/dry pick-up w/casters, Sears Best, $65. Pete, 399-2813.

RANGE HOOD - G.E., 30", ducted with ducting never used, $49. John, 281-8021.

CEILING TILES - white, sculptured, (80), $5/lot. 281-7844.

GAS ENGINE - OS 40 FSR, brand new, still in box, $60; Heath 3-channel R/C with Servos, 27 Mhz for model car or boat, $50. Steve, Ext. 4442.

STEREO CABINET - walnut veneer, 65" wide x 30" high, excel. cond., asking, $35. Ext. 4110 or 698-3856.

GODIN COAL STOVE - large, incl. base, inside-outside pipe, asking, $800. Carol, 289-3917.

FLOWERS - 4/pak, impatiens, marigolds, pansy, petunia, $.75; vegetables, 6/pak, tomato, cucumber, pepper, lettuce, $.75, delivery end of April, Bldg. 902 ISABELLE. 727-6818.

RABBITS - cute baby bunnies, $3. John, Ext. 3675 or 924-3528.

BATTERY CHARGER - and/or power supply, 36V, 25 AMP convertable to 24V and 12V. Victor, Ext. 2395.

COAT - white wool, mink trimmed, sz. 8 petite, perfect for Easter, $50. Pat, Ext. 4763.

AUDIOVOX - auto radio, am/fm cassette w/auto reverse, excel. cond., $70. 281-8274.

MATTRESS - and box spring, full sz. 727-0661 after 5 p.m.

COLOR TV - Sony 17", needs repair. Ext. 3503.

ZINCS FOR BOATS - prop shaft, rudder, outdrive, Mercury, Volvo, OMC, etc. Bill, Ext. 4662.

FISHING VESTS - Creel, new, sacrifice. Ext. 3064 at noon.

Real Estate

Real Estate advertised for sale or rent is available without regard for the race, color, creed or national origin of the applicant.

For Sale

POCONO'S - vacation camp-site, with e/w/s, 1 hr. from NYC, lake-pool, club house, price negotiable, will hold mortgage. Owner, 928-0066.

RIDGE - Leisure Village, 1 bdrm. retirement condo., , Ext. 2302.

ppliances, assumable 8% mortgage, avail. immed. $35,000. Ext. 4643.

MASTIC BEACH - 4 bdrm. cape, d/r, eik, large l/r, gas hot water & cooking, 160x100 prop., low taxes, shed & full porch, near stores & bay, 8% Farmers mort., $28,000. 281-0360 after 6 p.m.

N. PATCHOGUE - high ranch, l/r, d/r, kitchen, 3 bdrms., 1 baths, large paneled family rm., garage, util. rm., prime area, walk to schools, assumable 6% mort., low taxes, $39,000. Owner, 929-6984.

MIDDLE ISLAND - 2-3 bdrm., l/r, kitchen, bath., 1 car garage on acre (North of Jericho), $35,900. Joann, 744-2821 or 473-8670.

MIDDLE ISLAND RANCH - 3 bdrm., 2 full baths, l/r, eik, den, basement, covered patio, excel. extras. 924-6354.

CATSKILLS - kick back and relax on 2-3/4 acres in Margaretville; camp, ski, hunt, fish, fantastic view and priv. plowed road. Owner will hold mortgage. Dan, 473-0775.

For Rent

E. SETAUKET - studio apt., in pvt. home, pvt. entrance, w/w carpet, fireplace, unfurnished, near SUNY, security deposit, $300/mo. pays all. 751-7491 eves.

SOUND BEACH - large furnished room, share ki chen, bath & l/r, walk to pvt. beach, phone, full size bed, $200/mo., incl. util. Male preferred. Roy, 5388 or 744-8779.

APARTMENT - 2-plus bedrooms, convenient locality, util. incl., $365. Security and references. 281-7844.

Car Pools

HUNTINGTON STATION - looking to join or form carpool. Joe, Ext. 4259.

RONKONKOMA - driver to join 3 person pool, LIE exits 59 - 61. Victor, Ext. 2395.

Wanted

RIDING MOWER - about 8 HP or more. Lou-HOUSE - buy or rent, South Bellport or Brookhaven, 1-1-83 or before. Ext. 4388 or 286-5879.

TRAINS - Lionel, American Flyer, accessories, any condition brings good price. Carole, Ext. 3362 or 924-4097 eves.

MALE VOLUNTEERS NEEDED - for local kids in need (K.I.N.) program. Help a Child! Mark, 744-1461.

HOMER - call Ext. 4959 about refrigerator.

CAMERA CASE - for a Yashica TL-super camera, or case fitting a 14.5x3.5x9.5 cm body. Tony, Ext. 3293 noons, or after 5 p.m.

CAMPER - pop-up tent trailer, good cond. 281-8236 before 7:30 a.m.

BEDROOM SET - for couple. 399-0864.

HIGH SCHOOL YEARBOOKS - any year, Westhampton, Eastport, Hampton Bays, Southampton, reasonable. Jack, 282-4060 or 653-4924.

ATARI OWNER - with Wizard and Princess Adventure game to exchange information. Pete, Ext 3328.

TIRES - used E or F78-14, good cond., reasonable. Ted, Ext. 4163 or 286-0065.

ABOVE GROUND POOL WALL - 4 ft. deep, no liner needed. Bernie, Ext. 4842 or 331-2298.

REFRIGERATOR/FREEZER - small or regular size in good working cond. for reasonable price. Walt, Ext. 2907.

HANDYMAN - to help clean and paint house. 929-6984.

CHILDREN NEED EASTER BUNNIES - empty eggs from Leggs pantyhose makes bunnies. Please help. Ed, Ext. 2957.

CORELLE DINNERWARE - any pattern, incomplete set o.k.; child's wooden table and chairs (set). 289-8212.

WORKING WASHING MACHINE - reasonable price. Ext. 3354.

OLD AIR CONDITIONERS - for a/c student, free, will pick up. C. Nagle, Ext. 5329 or 281-7627 after 6.

PACHYSANDRA - will dig or buy. Ext. 3564 or 929-6744 eves.

RESPONSIBLE FEMALE - share 2 b/r condo. in Holtsville, all util., pool, etc., $250. Roseann, Ext. 3199 or 475-6622 eves.

16MM PROJECTOR - 289-1085 after 1 p.m.

WINDOW SCREENS - wood frame approx. 28" x 48", 8 each. Dan, Ext. 3282.

HOME - for 6 month old, all white spayed female cat. Has had shots, 928-9537.

USED LUMBER - 2x4, 2x8, 2x10, sheathing. Howard, Ext. 2000.

TRAINS - Lionel, any "0" gauge or "027" gauge cars, track and equip. Frank, Ext. 3120.

DODGE BODY - late model, good cond. Jim, Ext. 4095.

DOG RUN - 6 ft. high, 12 ft. long, 5 ft. wide, with gate. Liz, Ext. 2082 or 286-8563.

HOUSE TO RENT - Profess'nl family with 2 infants. 3 bd/rm, furnished or unfurnished. Occupancy by 5/1/82, Ext. 7114.

MARLIN - late model, 336 C, reasonably priced. Ext. 2514.

Services

Services are listed as a courtesy to BNL employees. They are neither screened nor recommended by the ***Bulletin.***

INCOME TAXES - prepared by professional accountant, very reasonable rates. Bob, 286-5829 eves/weekends.

BABYSITTING - and/or house cleaning, hours flexible, can provide references. Cathi, 281-0360.

WATCH REPAIR - George, Ext. 3536.

AUTO REPAIRS - cars and light trucks, Lab discount. Dan, Ext. 4988 or 698-7322 after 6 p.m.

ASPHALT PAVING - and sealing. Bob, 475-4382.

STEVE'S AUTO CLEANING - compound & waxing. Ext. 4297 or 929-6877 after 5 p.m.

LIMO SERVICE - chauffered, luxury Cadillac, for proms, weddings, airports, all occasions. Roy, Ext. 5388 or 744-8779.

TAXES - prepared by tax consultant, your home or mine. Reasonable. John. 732-2472.

CARPETS INSTALLED - quick dependable service, repairs, free estimates. Jim, 821-0187 after 5 p.m.

TILE SETTERS - ceramic quarry tiles, no job too small, free estimates. E. Harris, 475-6460.

SMALL APPLIANCE REPAIRS - vacuums, heaters, all small appliances. No. Patchogue, 654-3900.

Ads left out of this issue due to lack of space need not be re-submitted to appear in next week's issue. Please note that ads may not be more than 15 words long and must be received in the Bulletin office by 4:30 p.m. Friday, for inclusion in the following week's Bulletin.

Classified Ad Policy Deadline is 4:30 p.m. Friday for publication Friday of the next week.