

New Telephone Exchange for BNL Starting Next Monday

As part of the Lab's \$10-million, ten-year contract for telephone service with Siemens Rolm Communications (SRC), Inc., to provide state-of-the-art digital telephone service to Lab telephone users, the great BNL telephone changeover will begin on Monday, December 11.

According to Ralph Trondle, who leads the Telecommunications Group in the Computing & Communications Division, which is working with SRC, this means two things to BNL telephone users: First, eight weeks of work to change from the old to the new system will begin; and, second, the 282- and 341- prefixes currently used for BNL extensions will be replaced with the 344- exchange.

As a result of the latter change, BNL will get a new main number: 344-8000. Until early February, however, the Lab's old main number, 282-2123, will still be answered by the Lab telephone operators Monday through Friday, 8:30 a.m. to 5 p.m.

The changeover will proceed systematically, building by building, according to which of the four node sites on the Lab site a building is served by. The four node sites are in Bldgs. 1005, 725, 703 and 449, and the nodes will be changed over in that order. A schedule of which buildings will be affected on which dates during the coming week will be published each Friday in the Brookhaven Bulletin (see box).

Those in buildings receiving digital service from the new SRC system will

also get new phones; those continuing with analog service will get service from the SRC system on their current phones.

On the day of the changeover for a particular building, SRC workers will begin by putting new telephone instruments in place and doing other activities that are not expected to interfere with any work going on. The building's telephone system change will actually take place after regular Lab hours, usually between 5 p.m. and 8:30 a.m. the next morning, or over a weekend. In cases where underground cable has already been installed, the new system may be activated while the old service is still operational. The old system will then be deactivated as soon as possible.

In a few cases in buildings having just a few phones, the changeover will take place during working hours, but should not cause more than a two-hour disruption.

Phone users should be aware that

the new codes used to access different telephone-system features will be different than the ones used on the old system. New documentation will be provided to all users, and training classes will be scheduled soon.

Phasing in 344-, Phasing out 282-

Also on Monday, the eight-week

which will have the same extension but the new 344- exchange. Until all buildings have been switched over, both the old and new systems will be connected, allowing calls to the 282-exchange to be forwarded to the 344-exchange automatically. However, special features, such as call forwarding, camp-on and call pickup, will not operate between systems.

Once the transfer is completed by the beginning of February, the 282-exchange will be retired, so off-site callers dialing 282- will hear a NYNEX recording, asking them to redirect their calls to the 344- exchange. The only exception is for the Lab's old main number: Off-site callers who dial 282-2123 will have their calls forwarded to 344-8000 for three months beyond the changeover. By the beginning of May,

however, those calling 282-2123 will only hear a recording requesting that they call 344-8000 instead.

Effect on Voice Mail

Since October 18, voice mail has been affected, in anticipation of the change. On that date, voice-mail users' boxes were duplicated on a loaner system, so BNL's existing voice-mail system could be integrated with the new SRC system.

As each building is changed over, voice-mail users in that building will have their original mailboxes restored to them, along with any messages (continued on page 2)

The New Phone System: Buildings Affected Week of Dec. 11

The following buildings, served by node sites 3 and 4 in Bldgs. 1005 and 725, respectively, will be the first to change over to the new Siemens Rolm Communications, Inc., telephone system, in the following order.

Those to have digital service are listed in bold; those continuing with analog service are in plain text.

Date	Building
Mon., Dec. 11	1005S, 1000P , 1001, 1002, 1004, 1006, 1007E , 1008, 1101, 919, 919 C-H, 919A, 919B , 960, 967, 975
Wed., Dec. 13	86, 87, 88, 89, 90, 91, 527, 120, 526
Thu., Dec. 14	100, 158, 206 , 207, 208, 209, 210, 444, 446, 447, 448, 457, 458, 445, 528, 211
Fri., Dec. 15	628, 636, 726, 727, 729, 728

transition to the new BNL exchange, 344-, will begin.

Once a building is changed over according to schedule, telephone users are requested to inform off-site callers of their new phone numbers,

BNL Lecture: Soviet-Designed Reactor Safety, Ten Years After Chernobyl

The anniversary of a tragedy is rapidly approaching: On April 26, 1996, it will be ten years since the former Soviet Union's Chernobyl-4 nuclear power reactor exploded and released radioactive material into the environment. As a result of Chernobyl — the worst reactor accident in history — 31 workers died, and 200 people at the site were hospitalized due to excessive radiation exposure.

Another effect of Chernobyl was to prompt a worldwide look at reactor safety in the Soviet Union and its satellite countries. Over the past decade, BNL has been a key player in the U.S. Department of Energy's (DOE) efforts in this area.

A part of the DOE analysis team established in the wake of the Chernobyl accident, Nuclear Engineer William Horak, who is Deputy Division Head of the International Projects Division (IPD) in BNL's Department of Advanced Technology, today works on projects that IPD's International Nuclear Safety Group manages for DOE to improve the safety of existing Soviet-designed nuclear reactors in Russia and the rest of Eastern Europe.

Horak will share the insights his research has given him when he delivers the 311th Brookhaven Lecture on Wednesday, December 13. Entitled "Ten Years After Chernobyl: Soviet-Designed Reactor Safety Today," his talk will begin at 4 p.m. in Berkner Hall. He will be introduced by Ann Reisman, IPD Division Head.

After reviewing the details of the accident at Chernobyl and its results, Horak will discuss how, as part of DOE's immediate response, BNL researchers calculated such things as the major power excursion that led to



Roger Stoulenburgh

William Horak

the accident — a fact the Soviets later acknowledged. He'll explain the importance of such calculations by examining the different types of Soviet-designed reactors, including the RBMK, the Chernobyl design still shared by 15 operational reactors in Russia, Lithuania and Ukraine.

Some three years after Chernobyl came DOE's Operational Safety Initiative, for which a key finding was that Eastern European reactor operators must be taught safety procedures — a task that is still incomplete. As Horak will explain, more impetus for completing this task came in April 1992, when the U.S. put forth its four-point plan, naming BNL as the lead laboratory.

As part of this plan, Horak will relate, BNL is developing two training centers and a major series of 12 courses to prepare European reactor opera-

tors to deal with emergencies. Other BNL initiatives he will describe include bringing to these countries BNL-developed "plant analyzers," computers that can answer questions about nuclear power-plant events accurately, swiftly and economically, and providing Bulgaria with a much-needed, BNL-model fire truck specially equipped to fight reactor fires.

Finally, Horak will assess the impact of all these efforts to see if they are making a difference in terms of safety, discuss the latest developments — many of them negative — on the Eastern European nuclear scene, and look at multinational efforts planned in 1996 to ensure that there will be no more Chernobyls.

William Horak earned three degrees at the University of Illinois — his B.S. in aeronautical and astronautical engineering in 1972, M.S. in nuclear engineering in 1973, and Ph.D. in nuclear engineering in 1980.

While pursuing his education, Horak also did research at BNL, joining the Lab permanently in November 1979 as an assistant nuclear engineer in the then Department of Nuclear Energy. He was named an associate nuclear engineer in October 1981, then a nuclear engineer in September 1983.

A member of the American Physical Society and the American Society of Mechanical Engineers, and a senior member of the American Institute of Aeronautics and Astronautics, Horak received the American Nuclear Society's Mark Mills Award in 1980.

After the lecture, all are invited to join Horak for discussion and refreshments. To have dinner with him at a restaurant off site, call Vanessa Crump, Ext. 2903. — Anita Cohen

Scam Warning

A worldwide scam originating in Nigeria has found its way to BNL: Russel Reaver, Manager of the Safeguards & Security Division (S&SD), warns that at least seven people at the Lab have already received letters designed to entice them into opening their bank accounts to supposed Nigerian government officials.

The seriousness of this scam has prompted the U.S. Department of State (DOS) to issue the warnings: "Persons contemplating business deals [with Nigeria] are strongly urged to check with [DOS] or the U.S. Department of Commerce before providing any information, making any financial commitments or traveling to Nigeria."

The letters received at BNL begin with "REQUEST FOR URGENT BUSINESS RELATIONSHIP." They go on to "solicit your assistance to enable us to transfer into your account the said trapped funds." The transfer, say the letters, would total \$21,320,000 U.S. dollars, with 30 percent going to the account owner, 60 percent going to the officials to be used to import goods into Nigeria, and 10 percent for taxes and expenses. They solicit your bank's name and your account number, which should send a warning signal.

"If you get a letter that meets this description, don't respond to it," says Reaver. "Please send the letter to me at S&SD, Bldg. 50."

The Holiday Blues . . . or Depression?

As much fun as it can be to gather with family and friends to celebrate the winter holidays, the season to be jolly can bring on a case of the holiday blues.

Big bills from buying all those presents, emotional tension between even the best of relations, too much darkness as a result of the shortened days, unkept New Year's resolutions from last year — all this and more can snowball into that devastating but familiar down-in-the-dumps feeling that everyone experiences from time to time. However, if your holiday blues extend way past the start of the new year, then you may not just be blue — you may be depressed.

Therefore, according to clinical psychologist Dianne Polowczyk, who is on the staff of the Employee Assistance Program (EAP) of the Occupational Medicine Clinic, "It is important to distinguish between the 'normal' kind of depression and the clinical disorder known as depression, so you or your loved ones will know when to go for help."

She explains, "You can be considered clinically depressed when you continue to feel 'blue,' sad or guilty regardless of improvements in your life's circumstances, when the intensity and duration of those feelings persist beyond one of life's upsetting events, and when you cannot react to circumstances appropriately with your usual range of emotions."

Depression is considered one of the mood disorders, which are characterized by a disturbed emotional state. "Not only are depressed people unable to experience pleasure from relationships and activities that they once enjoyed," continues Polowczyk, "but they can become so apathetic and emotionally exhausted that they can withdraw from everyone and everything." (See quiz for additional symptoms.)

In addition, what is not often realized is "a significant proportion of drug and alcohol abuse is really due to depression," comments Polowczyk.

Those with serious depression may be preoccupied with committing sui-

cide or even attempt taking their own lives. Some people's moods alternate between depression and mania: That is, they are alternately unreasonably melancholic or unrealistically ecstatic, thereby suffering from what is known as bipolar disorder.

health, both in terms of increasing likelihood of their becoming physically ill and decreasing their chances of recovering following an illness."

The majority of BNers with depression have been diagnosed with its mild to moderate form, and, depend-

Are You Depressed? A Quiz . . .

Are you experiencing any of the following symptoms?

- persistent sadness, emptiness or anxiety
- loss of interest or pleasure in everyday activities, including sex
- decreased energy, fatigue, being slowed down
- sleep disturbance, including insomnia, early-morning awakening or oversleeping
- eating disturbance, including loss of appetite, weight loss or gain
- difficulty in concentrating, remembering and/or making decisions
- feelings of hopelessness and/or pessimism
- feelings of guilt, worthlessness and/or helplessness
- thoughts of death or suicide; attempted suicide
- irritability
- excessive crying
- chronic aches and pains that don't respond to treatment

If you have checked four or more boxes, and these symptoms have persisted for more than two weeks or are causing you to have difficulty in everyday life, then the Employee Assistance Program (EAP) invites you to consult with either of the Lab's clinical psychologists: Dianne Polowczyk or Joseph Gisando, who is the EAP Manager. All EAP consultations are free and confidential for employees and their family members; call Ext. 4567 to make an appointment.

However, comments Polowczyk, "The majority of people with depression suffer from a more chronic, low-grade condition, whereby they are able to function in life, but never really have truly satisfying relationships or reach their potential in their activities."

"Within the workplace," she adds, "this may be seen by a supervisor through an employee's low productivity or absenteeism, or by employees themselves in their own underachievement and lack of drive for professional advancement."

While depression's economic cost to the workplace is estimated at \$27 billion annually in the U.S. alone, "The emotional, social and physical costs for depressed workers, and their families and friends is tremendous," states Polowczyk. "Depression negatively affects parenting, partnering and all other relationship skills. And it has been documented to have a tremendous impact on people's physical

ing upon its duration, have found relief in the form of psychotherapy or antidepressive medication, or a combination thereof.

As in the larger world, more women employed at BNL than men have sought help for depression. "Men may appear more angry than depressed or abuse alcohol or other substances in seeking relief," reports Polowczyk. "Often they deny their depression, encouraged by society to 'tough it out.'"

If they won't go for help themselves, then getting depressed people into treatment is often the biggest problem in treating depression. Explains Polowczyk, "Often, people are so caught up in their feelings of hopelessness that they cannot believe that they can be helped out of their difficulties, so that is when family and friends can help them find help."

Her advice: "While it does little good to tell a depressed person that their life isn't really so bad in comparison, it does help to respect and empathize with their pain without criticism. Above all, do not minimize their symptoms, especially if they talk about suicide."

She concludes, "We know a lot about depression, its diagnosis, treatment and cure — and it really is curable: Some 80 percent of people who come for help are relieved of their symptoms and freed of depression."

— Marsha Belford

We Want to Know

Next Monday, the staff of the Brookhaven Bulletin will be distributing a survey on site, asking employees for your confidential comments on the Bulletin.

The surveys are printed on legal-size paper, in yellow, so they can't be missed. If you don't get one in your mailbox and don't see a pile in your area, check with your department/division administration or call Public Affairs, Ext. 2345.

Outreach Workshop Surviving Downsizing

Whether called downsizing, rightsizing, layoffs may be economically necessary for the survival of a company or institution, but they are financially and emotionally devastating for those who have lost their jobs.

What is often not realized, however, is that the employees who survive those layoffs have been traumatized as well. While those still employed continue to have their jobs and the income and benefits associated with them, the psychological impact of surviving layoffs results in employee bitterness, lowered morale and hostility, which is often only noticed by the employer through lowered efficiency and productivity.

To discuss these issues, "When the Workplace Is in Pain: The Tragic Effects of Downsizing" will be presented as the next Outreach workshop, on Tuesday, December 12, at noon in Berkner Hall. Sponsored by the Employee Assistance Program (EAP) of the Occupational Medicine Clinic, the talk will be given by clinical psychologist Robert Carrere. All are invited and Carrere's remarks will be available after the lecture on audiocassette in the Research Library.

In private practice since 1987, Robert Carrere, Ph.D., is also a consultant to organizations, offering workshops in human relations, organizational development and group process. He is a founding member of Long Island Physicians Holding Corporation, working to develop mental health services for a Long Island-wide health-maintenance organization.

To register for this workshop, return completed the bottom portion of the Outreach flyer recently sent to all employees to Dianne Polowczyk, Bldg. 490, by Monday, December 11. For more information about EAP and its Outreach workshops, call Ext. 4567.

Six Reap Rewards For Generosity

After three weeks, BNers have donated \$74,039 to the Lab's 195 United Way Fund Drive — bringing this year's drive more than 80 percent of the way toward its goal of \$90,000.

Those early donors were eligible for the first drawing for prizes made available through the generosity of Associated Universities, Inc.; Local Guards Union No. 37; Local 8-431 Oil, Chemical and Atomic Workers International Union; and Local 2230 International Brotherhood of Electrical Workers.

Held last Friday, the drawing produced six winners of \$50 gift certificates to local restaurants: Marie De Angelis, Safety & Environmental Protection Division; Kathleen Griffin, Biology Department; William Gunther, Director's Office; Andrew McNerney, Alternating Gradient Synchrotron Department; Barbara Schmidt, Human Resources Division; and David Whitehouse, Physics Department.

Drawings for additional prizes — more dinners and a grand prize of a dinner-theater weekend for two in New York City — will be held on December 8 and 15, when the fund drive concludes. So, to be eligible for both drawings and help BNL's United Way Fund Drive reach its goal early, return your pledge card as soon as possible.

For more information, contact BNL's United Way Fund Drive Chair Michelle Cummings, Ext. 2077; Co-Chair Pete Esposito, Ext. 2879; or your United Way campaign captain.

New Phone System (cont'd.)

stored there before October 18.

Though an access phone number will be provided so users may listen to messages stored on the loaner system, Trondle recommends that, the day before the changeover for their particular building, users write down any important messages that they have saved on the loaner system, so their paper record may be their back up in case of any disk problems that may develop on the loaner voice-mail system. Trondle also points out that, while users may listen to messages on the loaner system until the beginning of February, they may not move voice mail between BNL's original and loaner systems. — Marsha Belford

1996 Holidays

Holiday	Holiday Observed:	
	Day	Date
New Year's Day	Monday	January 1
Floating Holiday (Martin Luther King Day)	Monday	January 15
Presidents' Day	Monday	February 19
Memorial Day	Monday	May 27
Independence Day	Thursday	July 4
Floating Holiday	Friday	July 5
Labor Day	Monday	September 2
Veterans Day	Monday	November 11
Thanksgiving Day	Thursday	November 28
Day After Thanksgiving	Friday	November 29
Christmas Eve	Tuesday	December 24 (1/2 day)
Christmas Day	Wednesday	December 25

BNL Police Get Their Steers

When BNL photographer Roger Stoutenburgh set out to take some photos during this year's first snowfall on Monday, November 27, he hoped his site scenes would include some wildlife. But steers?

Actually, Stoutenburgh knew the steers were out there. According to Lab Police Group Manager Al Berretta, they had been part of a herd of ten steers that had wandered off from a local farm south of the Lab and crossed the Long Island Expressway. Though members of the Suffolk County Emergency Services and Police Departments had rounded up eight of the steers, the two pictured here had escaped capture and ambled into the BNL woods.

For about three weeks, they made their home in the northern part of the site, near the Astronomical Society's observatory. "They felt secure and safe back there," said Berretta, "guys would leave apples for them, and they enjoyed the Lab's hospitality."

Several times when the steers were spotted, the police called the owner, who came in on horseback and tried to round them up — to no avail. The farmer also left water and feed in a large pen situated by the observatory.

Finally, last Thursday, Police Sergeant Lawrence Musso (left, below) and Lieutenant Richard Rossetti (right, below) were making their



rounds in a Lab police car when they spied the steers by the observatory. Using their vehicle like a cowpony, Musso and Rossetti herded the steers into the pen. Then, while Rossetti held the gate closed, Musso surveyed the pen's perimeter, pulling up and restaking the fence in a few places. With the steers relatively secure, Musso left on another roundup — for a lock and chain. When he brought it back, Rossetti was finally relieved of gate duty.

Later that day, the grateful farmer picked up his errant steers. For Musso and Rossetti, however, it was all in a day's work, because BNL police always get their steers.



Basketball

The BNL Basketball League will hold a team captains' meeting on Thursday, December 14, at noon in the gym. Those interested in playing or starting a team may contact Ed Gregory, Ext. 5383, Bldg. 902A.

Wherefore Art Thou?

Two family-circle tickets for the Friday, April 26, 1996, performance of *Romeo et Juliette* at the Metropolitan Opera are still available at the BERA Sales Office, weekdays, 9 a.m. to 1:30 p.m. The sale will be final, with no refunds or exchanges.

Arrivals & Departures

Arrivals

None

Departures

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

- Wilson E. Buvinger.....Biology
- Michael P. Chiodo.....Plant Eng.
- Virginia A. Cusack.....Plant Eng.
- Terry L. Farley.....Plant Eng.
- James Gibbs.....Plant Eng.
- David S. Hawkins.....Plant Eng.
- Arthur T. Kost.....Plant Eng.
- John C. Lechmanski.....Plant Eng.
- Karen L. Lucadamo.....App. Science
- Richard Okula.....Plant Eng.
- Johanna Reddy.....AGS
- Alison R. Schwarz.....Director's Off.
- Scott D. Sinclair.....Plant Eng.
- Neil E. Tyler.....Plant Eng.
- Russell L. Vance.....Saf. & Env. Prot.
- Michael T. Van Der Karr.....Saf. & Env. Prot.
- Teri A. Vetter.....RHIC

Do your holiday shopping at the Winter Holiday Sales at the Science Store . . .



Two more Fridays — December 8 & 15

10 a.m. to 3 p.m., Bldg. 701

Rifle & Pistol Club

The Rifle & Pistol Club meets on the second Wednesday of each month, so the next scheduled meeting is December 13, in Room 202, Bldg. 911B, at noon. For more information, call Otto Jacobi, club president, Ext. 3471.

Bowling

Purple & White League

Doug Fisher 221/212/609 scratch, D. Riley 219/202, M. Guacci 216/211, R. Wiseman 211/182, T. Mehl 211, P. Wynkoop 207, J. Pinelli 202/187, R. Larsen 201/187, P. Callegari 199/188, D. Botts 195, G. Mehl 192, J. Meier 191/191, M. DiMaiuta 190/171, P. Buonaiuto 181, Don King 180/180, N. Fewell 180, K. Riker 180, M. Picnich 173, K. Conkling 172.

Red & Green League

J. Griffin 267/203/664 scratch, R. Wiseman 237/213/644 scratch, R. Eggert 236, B. Geib 235, K. Asselta 233/224/622 scratch, E. Meier 224, G. Mack 224, K. Koebel 222, B. Giuliano 216, J. Mayeski 214/202/200, S. DiMaiuta 213, R. Larsen 207/200, W. Powell 203, K. Riker 203, T. Prach 202, R. Mulderig 202.

Golf Champions



Roger Stoutenburgh

Ray Raynis (left) and Gene Sorenson played as a team in Division III of the BERA Golf Association (BGA) throughout its regular 1995 season. Though they didn't come in first in their division, they did qualify for the playoffs of the BGA's Team League championships — then came from behind to win it all. In the final playoff round, Raynis and Sorenson defeated Division I champs Gordon Rawn and Jeff Williams. Other division winners were: Division II, Dennis Hall and Larry Musso; Division III, Dan Galligan and John Willi; Division IV, Ed Monnia and Elise Keith-Monnia. BGA play will resume in March: Watch the Bulletin for an announcement.

In Stormy Weather

Listen to:

Station	Area	AM	FM
WALK	Patchogue	1370	97.5
WBAB	Babylon	1440	102.3
WBLI	Patchogue		106.1
WCTO/WGSM	Smithtown	740	94.3
WHFM	Southampton		95.3
WHLI/WKJY	Hempstead	1100	98.3
WLIM	Patchogue	1580	
WLIX	Islip	540	
WLNG	Sag Harbor	1600	92.1
WRCN	Riverhead	1570	103.9
WRIV	Riverhead	1390	

Or call: 282-INFO*

*Dial the letter O, not zero!

Thanksgiving was great
- over 3000 lbs given!

But now it's
Holiday time,
so don't rein in yet!
Please give a load to The
BNL FOOD DRIVE
Pickup all next week. No Time?
Send personal checks to: Rita Kito, BNL Food Drive, Bldg. 460.

Volleyball

Standings as of December 5

Open League		League I	
Pass, Set & Crush	22-5	Bikers 'n Spikers	15-6
Monday Maulers	23-7	Scared Hitless	14-7
Far Side	13-14	Rude Dogs	13-8
Spikers	10-20	No Names	10-11
Bud Hitters	4-26	Underdogs	2-22
League II		League III	
Spiked Jello	19-5	Silver Bullets	15-3
Safe Sets	17-7	Joy of Sets	11-4
Monday Nite Live!	16-8	Upton Ups	10-5
Fossils	13-11	Just 4 Fun	10-5
Nuts & Bolts	12-12	Harlem Knights	9-9
Jolly Veggies	9-15	DO-DAT	6-9
Volley Folly	7-17	High Volley'em	6-12
Night Court	3-21	New Comers	4-11
		OER	1-14

BROOKHAVEN BULLETIN

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The Brookhaven Bulletin is printed on paper containing at least 50 percent recycled materials, with 10 percent post-consumer waste. It can be recycled.



Here Comes Santa Claus!

For the 13th consecutive year, Santa Claus (Lieutenant Chuck LaSalla) and his Elf (Firefighter Frank Palmeri Jr.) will be coming to Upton town, to wish everyone happy holidays and distribute candy canes along with good cheer, compliments of the Fire/Rescue Group of the Safety & Environmental Protection Division.

With Fire Engine #2 as their sleigh, Santa and his elf will visit the Child Development Center (CDC) at 10 a.m. and the CDC's little red schoolhouse at 11 a.m. on Wednesday, December 13. Then, beginning at 9:30 a.m. on Friday, December 22, they will make their rounds of the offices and labs on site. While they will try to visit every building, if they missed yours in the past (perhaps because you were naughty, not nice) or if you want Santa and company to make a specially timed appearance in your workplace, call the North Pole, Ext. 2351, to make a reservation.

Note to Employees:

Attendance at lectures, meetings and other special programs held during normal working hours is subject to supervisory concurrence.

Cafeteria Menu

Monday, December 11

Soup: French onion .90/1.20
A la Carte: Sausage & peppers 3.85
Lite: Escalopini turkey in pasta 3.85
Deli: Pastrami 3.20
Grill: Meatball hero 3.30

Tuesday, December 12

Soup: Chicken noodle .90/1.20
A la Carte: Marinated chicken w/salsa 3.95
Lite: Salisbury steak 3.50
Deli: Turkey w/stuffing 3.20
Grill: Pastrami & Swiss on pumpernickel 3.30

Wednesday, December 13

Soup: Beef barley w/mushrooms .90/1.20
Display Cooking: Asian kitchen 4.75
Deli: BBQ brisket of beef 3.20
Grill: Steak w/garlic bread 3.30

Thursday, December 14

Soup: Vegetarian vegetable .90/1.20
A la Carte: Stuffed pepper 3.65
Lite: Quiche Lorraine 3.65
Deli: Leg of lamb w/rosemary 3.20
Grill: BBQ pork 3.30

Friday, December 15

Soup: Seafood Creole .90/1.20
A la Carte: Chicken cacciatore 3.85
Lite: Cod w/lemon-mushroom glaze 3.95
Deli: Pork loin 3.20
Grill: French dip 3.30

Classified Advertisements

Placement Notices

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

Each week, the Human Resources Division lists new placement notices. The purpose of these listings is, first, to give employees an opportunity to request consideration for themselves through Human Resources, and second, for general recruiting under open recruitment. Because of the priority policy stated above, each listing does not necessarily represent an opportunity for all people.

Except when operational needs require otherwise, positions will be open for one week after publication.

For more information, contact the Employment Manager, Ext. 2882, or call the JOBLINE, Ext. 7744 (282-7744), for a complete listing of all openings.

Current job openings can also be accessed via the BNL Home Page on the World Wide Web. Outside users should open "http://www.bnl.gov/bnl.html", then select "Scientific Personnel Office" for scientific staff openings or "Employment Opportunities" or "BNL Human Resources Division" for all other vacancies.

SCIENTIFIC RECRUITMENT - Doctorate usually required. Candidates may apply directly to the department representative named.

POSTDOCTORAL RESEARCH ASSOCIATE - Trained in materials science, to study the fundamental aspects of grain-boundaries and other lattice imperfections in advanced permanent-magnet materials. Experience in advanced transmission-electron-microscope methods for the study of lattice defects and in the theory of grain-boundary crystallography is required. Contact: David Welch, Department of Applied Science.

LABORATORY RECRUITMENT - Opportunities for Laboratory employees.

DD 9044. OFFICE SERVICES POSITION - Requires an AAS or equivalent, excellent oral and written communication skills, and experience with IPAP and travel systems. Knowledge of word processing, databases and spreadsheets is highly desirable. Will provide clerical/secretarial support to the Department Administrative Office in handling a wide range of varied tasks, such as records maintenance, guest and collaborators appointments, travel, preparation for reviews and assistance with labor-cost distribution. (reposting) Chemistry Department.

DD 4503. ADMINISTRATIVE POSITION - Requires a bachelor's degree in business administration and/or equivalent Laboratory experience, and familiarity with Laboratory systems such as IPAP and JCARS. Knowledge of personal computers, specifically Lotus 1-2-3, is highly desirable. Responsibilities will include contract maintenance, invoice approval, budgeting and property management. National Synchrotron Light Source Department.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

DD 0575. TECHNICAL POSITION - (term appointment) Requires an AAS in mechanical technology and experience with CMM, precision-measurement equipment, instrumentation and measurement devices, and machine-shop work. CAD skills desirable. Responsibilities include assembling precision silicon detectors, integrating mechanical systems, making prototypes, setting up and maintaining laboratory, preparing prototype tests and assisting in tests. RHIC Project.

Motor Vehicles & Supplies

94 CHEVY S10 PICKUP - 4-cyl., 5-spd., 27k mi., mint, many extras. 727-3863.

93 FORD TAURUS - 2 air bags, anti-lock brakes, anti-theft head-lock, 30k mi., like new, \$10,000. Ext. 5621 or 294-3287.

91 JEEP COMANCHE PICKUP 4x4 - 45k mi., tow bar, bedliner, new tires & stereo, blue, excel. cond., \$7,900. George, 472-1479.

89 TOYOTA COROLLA - 4-dr., 5-spd., excel. cond., \$3,500. Ext. 2145.

89 VOLKSWAGEN FOX - blue, 4-dr., m/t, am/fm cass., ac, 68k mi., excel. cond., must sell, \$3,200. Sonja, Ext. 1010.

89 HONDA CRX - 5-spd., silver, ac, 2-seater, 90k mi., excel., \$3,500. John, Ext. 7671 or 765-1299.

89 PONTIAC 6000 - 4-dr., 4-cyl., a/t, ac, \$1,500. Walter, Ext. 4958 or 821-9451.

89 OLDSMOBILE CALAIS - 4-cyl., 67k mi., 2-dr., \$3,900. 724-9006 after 5 p.m.

88 FORD FESTIVA - 35 mpg, m/t, no dents/rust, good cond., well maint., \$1,500 neg. Santangelo, Ext. 5262.

88 MAZDA PICKUP - 4-wheel, cab, ac, 5-spd. v.g. cond., asking \$5,000. Mike, 722-5340.

86 OLDS DELTA 88 - V-6, 4-dr. sedan, a/t ac, p/d, p/w, p/b, stereo, orig. owner, 123k, good cond., \$900. 981-9351 after 6 p.m.

85 PONTIAC 6000 - V-6 eng., a/t w/od, 4-dr., rustproofed, well maint., good tires, run well, \$1,350. Monica, Ext. 4149/2796.

84 PONTIAC TRANS AM FIREBIRD - black w/gold trim, 5.0-liter eng., 5-spd., \$1,900 neg. Rich, Ext. 5893 or 744-4816.

84 BUICK SKYLARK - new radiator & fuel pump, good eng. cond., runs well, \$550. Fulvia, Ext. 5525/4474 or 341-1081.

84 PONTIAC PHOENIX - 2-dr., a/t, ac, p/w, am/fm, 67k mi., good cond., asking \$1,200. Juan, Ext. 4077 or 341-1084.

84 FORD RANGER - 4-cyl., m/t, many new parts, \$1,000. 325-0013.

81 CORVETTE - side skirts, front spoiler, turbo hood, rear doubler spoiler & louver, new suspension, T-top, center lines, fully loaded. 399-7744.

76 VOLVO 242DL - 4-spd., new battery & front struts, good running cond., \$900 or best offer. Steve, Ext. 3018 or 369-5181.

WHEELS - 4, 15", IROC 2-28 wheels w/tires, 2 snow, \$100; 3.90 gears + Posi unit for 10-bolt rear, \$125; misc. parts. Glenn, 821-5165.

PARTS - Ford, 302 alum. intake manifolds, headers, Mallory electronic distrib. '88 stock 5.0 roller motor, fuel-inj., low mi. Wayne, Ext. 3084.

PARTS - '86 Camaro 2.8, '84 & '86 Blazer S10. Rob, Ext. 7668.

HITCH - Volvo fit 940 '91-up, 760 '93-'90, 740 '85-'92, \$225 or best offer. Tom, Ext. 7287 or 744-4535.

TIRE - Goodyear Aquatred P215/70R15, only 100 mi., \$35, orig. \$125. Mike, 878-3480.

85 CORVETTE 350 THROTTLE BODY - complete from block to broather cover, 5k mi. on unit, \$200. Anthony, 727-8514.

Boats & Marine Supplies

35' CHRIS CRAFT COMMANDER - 13'6" beam twin 27 i.b., FWC, all fig. 2-bdms., dual station, \$30,000 or best offer. Joe, Ext. 4826 or 821-3762.

16' STEIGERCRAFT - 1991, runabout, 25-h. Johnson, trailer, gar., \$2,500. Dave, Ext. 4084.

OUTBOARD - Mercury, 18-h.p., 1985, 30 hrs. since new elec. start, controls, tank, \$1,300. 286-1474 eves.

Furnishings & Appliances

BED - dbl., complete, dresser, vanity w/large mirror & bench, blond mahogany, best reas. offer. 363-6908.

CHAIRS - Ethan Allen, 1 yr. old, Windsor-style, solid cherry, 4 side, orig. \$199 ea., now \$100 ea.; 2 arm, orig., \$249 ea. now \$150 ea. Eric, Ext. 5875.

CHEST - 4-drawer, excel. cond., \$50. 281-3515.

COMPUTER HUTCH - like new, \$4; cocktail table, \$50; 2 end tables w/storable area, \$25 ea. 325-0013.

DESK - rolltop, 60" wide, oak, 2 locking file drawers, \$500; player piano, Wuritzer w/rolls, circa 1920s or 1930s, needs work, neg. Joe, Ext. 4826 or 821-3762.

DINING/KITCHEN SET - 42" round heavy glass & gold-tone, 4 plush chairs, v.g. cond., asking \$65. Linda Z. Ext. 7187 or 874-2675.

DINNERWARE - Noritake China, Barrymore pattern, new, in orig. boxes, 50 pieces, \$850. Ext. 4247.

DRYER - Kenmore, elec., \$30. Jim, Ext. 3372 or 821-0250.

DRAFTING TABLE - incl. \$500 Verco machine, stool, light, heavy-duty, prof., excel. cond., \$350 firm. 924-7477.

FREEZER - Fridgairer upright, good cond. \$75. 924-3236.

SOFA BED - queen-size, matching love seat, \$280 neg.; bed, Serta Supreme, full, \$170; computer desk \$70; bookshelf, \$20. Hong, Ext. 5881 or 924-9435.

WATER BED - king-size frame, new queen-size water bed, w/new heaters & mat, semi-motionless, \$100. Glenn, 821-5165 eves.

Tools, House & Garden

AIR COMPRESSOR - Sears, portable, tankless, up to 35 psi, \$25. AL, Ext. 5128.

GENERATOR - 5kW, elect. start, used less than 20 hrs., 120-240 Volts, \$400. 929-4326.

HEATERS - 2, 5', 220V, elec., baseboard w/thermostat, \$30; G.E., 6 cu. ft., upright freezer, \$75. Chris, Ext. 2972.

LADDER - alum., 16' ext., \$25; G.E. Electric baseboard heater, \$25; dehumidifier, Sears, \$25; air conditioners, 2, Amana, 6500 Btu. Frank, 567-6419.

MULCHER - Mighty Mac grinder/shredder, elec., 220V, ext. cord, \$100. Dave, Ext. 4084.

PATIO SET - 6 chairs w/cushions, umbrella, 90"x42" table, green PVC tubing, all covers & lighting fixture, 1 yr. old, orig. \$2,000, best offer. John, 395-5922.

SCOTCH PINE - 6 1/2' artificial Christmas tree, \$25; fireplace doors, custom-made, 48", \$50 neg.; bike, children's, 20". Steve, Ext. 3018 or 369-5181.

STOVE - coal/wood, like new, holds 100 lbs. nut or stove coal, last 3 days, \$350 neg. Mike, Ext. 7594.

TABLE SAW - Sears Craftsman, 10", older model, works well, many extras, \$250. John, 395-5922.

WOODSTOVE - Jotul #4 Cornbi-Fire, efficient heat or convert to fireplace, needs cosmetics, orig. \$800, now \$175. 924-7477.

Sports, Hobbies & Pets

AQUARIUM - 55-gal., lighted hood, 4-stall filter stand, more, \$125. 584-5972.

CAMERA FLASH GUN - Meta 45CT4 w/4 power supplies, chargers, cables, etc., \$150. 929-4326.

CLARINET - Alpine, student's model, \$175. Tom, Ext. 7287 or 744-4535.

We're Changing Our Deadlines

Deadlines for the Brookhaven Bulletin will change effective with the January 6 issue — the first issue of 1996 — as follows:

• **Classified ads** — will be *due by noon on Friday*, for publication the following Friday. (The current deadline is 4:30 Friday.)

• **Club notices and other submittals** — will be *due by 10 a.m. on Monday*, for publication the following Friday. (The current deadline is noon on Tuesday.)

Although the new deadlines will not be official until January, all are encouraged to start using them now to ensure a smooth transition.

EXERCISE MACHINE - D.P. 1000, rowing, chest, legs, etc., whole body exercise, like new, best offer. John, 277-3805.

EXERCISE BIKE - Voit Ergometer, excel., \$60; pinball machine, junior size, \$20; bumper pool table/set, \$60; oak easel, \$10. 473-6546.

EXERCISE MACHINE - Body By Jake, back & abs, w/video, like new, \$75. 289-3586.

HAM RADIO - Heath SB-100, 80-10m XCVR SSB/CW with spkr/ps, ask. \$200; handi talkie, Yaesu FT-470 dual-band, 12V dc adapter, ask. \$250. Alan, Ext. 2928.

ORGAN - Yamaha console, full-pedal, 2 manuals, rhythm, oak wood cabinet, excel. cond., must sell, \$800. John, Ext. 7340 or 732-2702.

SKIS - Elan 170 w/poles, beginner, \$40; bike, 10-spd., Regina, \$40; leather miniskirt, brown, size 9/10, never worn, \$50. Majbritt, Ext. 1388/2384.

Audio, Video & Computer

COMPACT DISC PLAYER - Yamaha, CDX-410U, \$100. Tom, Ext. 7287 or 744-4535.

PRINTER - Panasonic KX-P2123, almost new. Jack, Ext. 4411.

PRINTER - 9-pin, Star Micronics SG-10 w/cable, manual, paper rack, box of tractor paper, in shipping box, \$50 neg. Bill, 281-6498.

TV - 13", Samsung, closed captioning, new, \$110. Ivan, Ext. 4077 or 341-1084.

VIDEO CAMERA - Panasonic PV-1Q393 VCR, new, used only once, incompatible w/my system, orig. \$600, now \$350. Alex, Ext. 4378/5707.

VIDEO GAME - Sega game gear w/6 games, battery pack, carrying case, \$125. John, Ext. 5100.

VIDEO GAME - Nintendo w/deluxe joystick, NAS Advantage Controller, 18 video games, excel. cond., \$400 neg. John, 395-5922.

Miscellaneous

APPAREL - unisex denim shirts & vests; motorized manicure/pedicure set; 100% wool berets, imported. Gene, 878-8275.

BALLET TICKETS - 3, *The Nutcracker*, NY State Theater, NYC, 12/28, 6 p.m., excel. view, \$42/ea. Chei, 341-1029 after noon.

DIAMOND RING - 0.45 ct., S12 clarity, J-K color, appraised at \$850, sell for \$400. Ed, Ext. 4080.

ENCYCLOPEDIAS - Funk and Wagnalls, Americana Encyclopedia, also Book of Knowledge set w/case, \$150. Frank, 567-6419.

FUR COAT - black Persian lamb, size 16, \$100; exercise bike, good cond., \$15. 924-3236.

HUMMEL PLATES - '78 & '79, in orig. boxes; large Christmas cactus, \$10; adult's bike helmet, new, \$15. Joe, Ext. 2898.

OPERA TICKETS - *Meistersinger*, 2, 12/21, Metropolitan Opera, dress circle, free bus, orig. \$60/ea., now \$40. 744-5096.

TYPEWRITER - IBM Selectric, needs minor repair, \$25; file cabinet, 6-drawer, metal, locks, legal size, you pick up, \$35. Bill, 878-4356.

SANTA LETTERS - personalized for that special child this Christmas season. Joey, Ext. 2950 or 758-2938.

Lost & Found

FOUND - ski glove, black, purple & blue, in cafeteria. Ext. 2873.

Wanted

BUILDING BLOCKS - children's, wood; chipper/shredder, buy, rent or borrow. Ext. 3765.

FOOTBALL TABLE - for 9-11 yr old children. 744-9802.

LAWN BOY - lawn mower engine, broken or cheap. Gary, Ext. 3751.

PICCOLO - for 12 yr. old student, reasonable. Linda, Ext. 2466 or 981-2086.

SKIERS - to ski Windham, 1/10, \$44 for bus & lift. Aggie Hoffmann, Ext. 3884, Bldg. 510C.

Free

BIKE - girl's, 20", great cond. Joe, Ext. 4826 or 821-3762.

DOORS - 36", mirrored, bi-fold closet, beveled glass. 345-5365.

Car Pool

STONY BROOK - close to Rt. 347, on time. Ext. 5080.

Real Estate

Real Estate advertised for sale or rent is available without regard for the race, color, religion, sex, age, national origin, disability or veteran status of the applicant.

For Rent

CALVERTON - 3-bdrm. townhouse, 1 1/2 baths, w/w carpeting, w/d, d/w, cac, upper & lower decks, avail. immed. 874-2730.

MANORVILLE - 2-bdrm. townhouse, 1 1/2 baths, gar., pond view, gas, d/w, w/d, fp, skylights, cathedral ceiling, \$1,125 + util. Eric, Ext. 5875.

MEDFORD - 1 bdrm., full bath, priv. ent., 10 mi. to Lab, nonsmoking, no pets, professional preferred, \$100/wk. Ext. 2043.

MIDDLE ISLAND - lg. 1-bdrm. co-op, upper unit, eik, full bath, w/d, d/w, cac, w/w carpet, terrace, cable, igp, tennis, 10 min. to Lab, \$725/mo., avail now. 924-9664.

MILLER PLACE - room in home, nonsmoker, quiet & professional neighborhood. Ext. 5740 or 744-8386.

MILLER PLACE - new, 1-bdrm. barn apt. in wooded area, lg. l/r, kit., full bath, lg. windows & skylights, \$700/mo. + plus util., single prof. prefer. Ext. 3450 or 474-8746.

RIDGE - 2-bdms., eik, full bath, l/r, d/r, deck, water view, Priv. lake, \$900/mo. plus util.; 1-bdrm. apt, full bath, l/r, d/r, kit., priv. ent., patio w/view, no smoking, not pets, \$700/mo. 929-5795.

RIDGE - 1-bdrm. apt., w/w, eik, pvt. ent., all util., 5 min to Lab, \$625. 924-0577.

RIVERHEAD - 1-bdrm. sublet, 15 min to Lab, w/w, micro., d/w, 2 min. to outlet, 2/96-6/96, \$655/mo., heat/gas incl., big sublet bonus. Lie, Ext. 5040 or 727-1723.

ROCKY POINT - 3-bdrm. house, l/r, kit., bath, no pets, no smoking, \$850/mo., plus util. Ext. 3749.

ROCKY POINT - 1-bdrm. apt., full bath, kit., walk to beach, priv. ent., no pets, ref. req., \$600/all. Alex Runko, 821-6698.

ROCKY POINT - apt., lg. l/r, full kit., very small bdrm., suitable for 1 or newlyweds, easy drive to Lab, \$500 mo. + elec. Ronnie, 821-1246.

RONKONKOMA - 1-bdrm. apt., eik, l/r, bath, priv. ent., w/w, cable, nonsmoker, no pets, \$650/all, mo. sec. 471-6416.

SHIRLEY - furn. rm. avail., share clean, quiet, comfortable home, walk to library, shopping, near beach, 10 min to Lab, ref., sec. 399-1237, leave message.

SHIRLEY - lr. rm., priv. bath, priv. outside ent., no pets, avail. weekly or monthly. 473-6432.

SHOREHAM - 3-bdrm. ranch, kit., l/r, fp, d/r, laundry, beach, tennis, Jacuzzi, 5 min. to Lab, deck, gas grill, 1 acre, priv. ent., parking. T.J., 744-3308.

WADING RIVER - apt., 3 lg. rms., eik, full bath, walk-in, pvt. ent. & yrd. area, \$700/mo. Evelyn Giuliani, 929-3431.

WESTHAMPTON BEACH - partially heated farmhouse, avail. through May 15, 1996, \$500/mo., plus sec. John, Ext. 4214.

YAPHANK - 2-bdrm. townhouse, gar., fp, fin. bsmt., pool, tennis, 5 min. to Lab, \$950/mo. + util. Ann, Ext. 7611 or 862-2467.

CATSKILLS - near Hunter & Windham mts., 3 bdrm. chalet, w/sleeping loft, fully furn., great for skiing. Kay, Ext. 4501 or Bea, Ext. 3642.

HILTON HEAD, SC - condo, sleeps 6, fully furn., 2 bdms., 2 baths, tennis, beach, golf nearby, through Dec., \$350/week. Guy, Ext. 3147 or 689-5378.

NORTH MYRTLE BEACH, SC - sleeps 4 adults, furn., cac, w/d, golf, packages avail., near everything, avail. 12/95-2/96, \$300/wk. or \$600/mo. 594-3830.

For Sale

BAYPORT - 5-bdrm., 2 baths, Florida rm., fenced excel. cond., 3-zone oil heat, south of Montauk, \$149,000. Jim Morris, 472-1205.

BAYSHORE - Brightwater Farms, 3-4 bdrm. Colonial, 2 full baths, l/r, eik, den, utl. bsmt., Andersens, 60'x115' wood, fenced, 35 min. to Lab, \$120,000. Bill, Ext. 2762 or 665-3782.

MASTIC BEACH - 4 bdms., eik, solar hot water, obh, ag pool w/deck, dead end st., low taxes, painted in/out, new roof, \$98,000. Tirre, Ext. 3288 or 281-0360.

MIDDLE ISLAND - 2-bdrm. co-op, upper unit, priv. court, all appl., w/d, dining area, kit., cac, new carpet, good storage, \$37,000 neg. 924-5282.

MILLER PLACE - 1.5-acre building lot w/utilities, incl. gas, Brookhaven town parklands, access and permits approved, \$75,000. Ext. 2168 or 744-4948.

N. SHIRLEY - 3-bdrm. ranch, 2 baths, lg. eik, l/r w/cathedral ceilings, full bsmt., fenced 1/2 acre, 2 large decks, pool, all new. John, Ext. 7313 or 395-5922.

QUOGUE - 3-bdrm. ranch, 1/2 acre, fin. bsmt., 2 baths, l/r w/tp, d/r, eik, patio deck, 20'x40', in-ground pool, 2-car garage. Noreen, Ext. 2689.

RIDGE - Leisure Village, Greenbriar, 2-bdrm., new w/d, ac, asking \$65,000. Diane, Ext. 3670.

ROCKY POINT - 2 story chalet, 1.23 acres, very priv., 22 Prince Rd., \$169,000. Ruth Ann Lutz, Ext. 7774 or 929-6235.

SHIRLEY - 4-bdrm., 2 baths, Cape, solar hot water, wood stove, large property, a/g pool, \$85,000. Mark, Ext. 4289 or 281-50