

Lab Pursues Aggressive Strategy for Mitigating Tritium Contamination

BNL and the U.S. Department of Energy (DOE) have developed an aggressive strategy for determining the extent of tritium contamination found in groundwater south of the High Flux Beam Reactor (HFBR) and for identifying the source of the contamination.

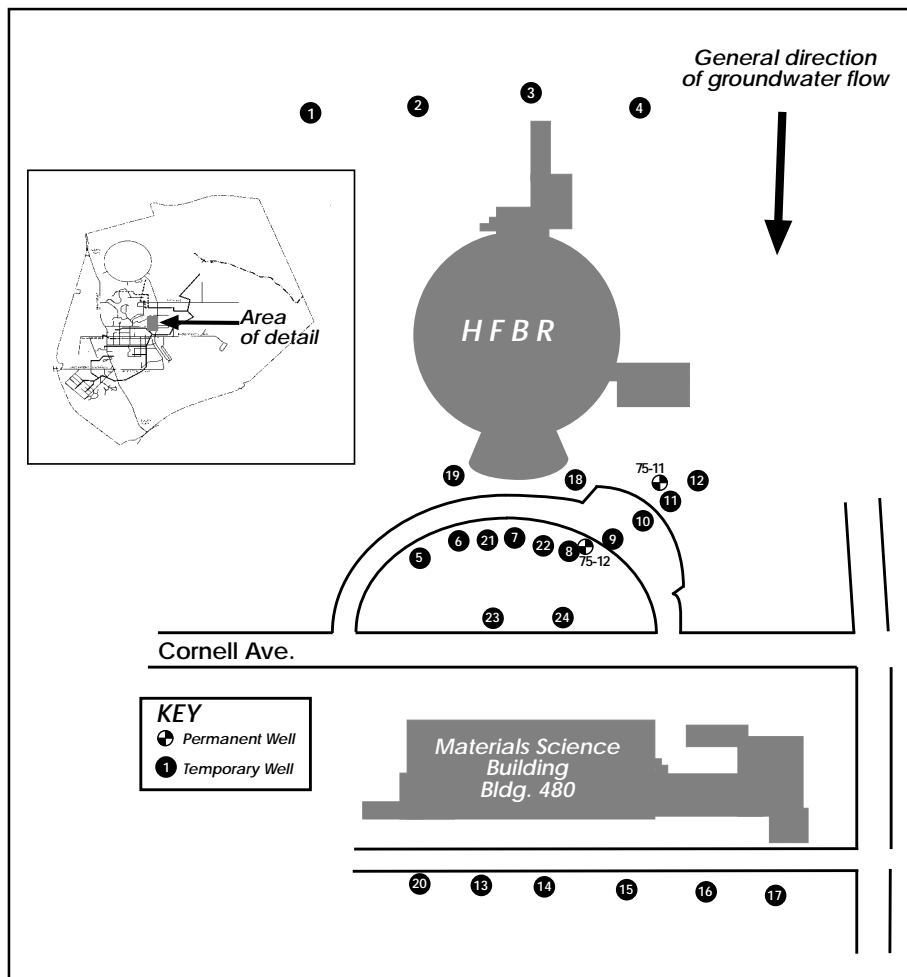
After the contamination was discovered, in early January, BNL Director Nicholas Samios announced that, as part of the strategy to map the contamination, the Laboratory was installing several temporary monitoring wells around the reactor building.

Thus, over the past three weeks, a network of 24 temporary monitoring wells were installed: Four were put in north of the reactor building, in the opposite direction of groundwater flow; the remaining 20 wells were located south of the building, in the direction of groundwater flow.

A radioactive isotope of hydrogen, tritium is also a by-product of some BNL operations, including the HFBR. The highest level of tritium contamination seen in the monitoring wells so far is 32 times above the U.S. Environmental Protection Agency's (EPA) drinking water standard, in the front lawn of the HFBR. EPA is independently analyzing water samples taken from the same network of wells to confirm BNL's data. In addition, DOE is providing independent oversight of BNL's investigation.

Remediation Planned

The Laboratory is committed to remediating the groundwater to assure continued protection of public health, emphasized Samios. "We view the tritium contamination very seriously. The Lab will not allow this contamination to leave our property. We are already developing a plan of



The diagram shows both the permanent and new temporary wells in the monitoring well system surrounding the High Flux Beam Reactor.

action to mitigate the problem," he said.

Although BNL has not pinpointed the sources of contamination yet, the four temporary monitoring wells installed north of the reactor building did not detect tritium. Also, pressure tests of lines that leave the reactor building on the northwest side did not

indicate leaks. Hence, BNL's investigation is focused on sources within the building, as well as sanitary lines exterior to the building on the south side.

Within the building, the source of tritium could be a spent-fuel storage pool, piping systems or waste lines. BNL is reviewing historical records of

activities within the building, setting up a laser technique to check the water level in the pool, and inspecting piping and waste lines.

BNL is taking action specifically in regard to the 68,000-gallon storage pool. Experts in the private sector have been brought on board to give advice on detection and management of possible leakage from the pool. The Lab is also drawing up plans to install a pool liner.

Outside the building, BNL plans to install additional monitoring wells south and west of the original network of 24 wells, in order to define further this tritium contamination.

Drinking Water Safe & Tested Daily

On-site drinking water at the Lab is tested daily for radioactivity, and results continue to show that tap water is not contaminated with tritium. BNL's potable supply wells are located north of the tritium contamination, in the opposite direction of groundwater flow.

Tritium has also not been detected above the drinking water standard in monitoring wells at BNL's southern boundary, in the path of groundwater flowing south from the tritium contamination near the reactor. Beginning February 5, field teams were dispatched to sample for tritium at on-site and off-site monitoring wells south of the tritium contamination near the reactor. Homes immediately south of the Laboratory are hooked up to public water, which is also tested for radioactivity.

The HFBR had been shut down in December for routine maintenance and will remain shut down until the situation is satisfactorily understood by both DOE and BNL.

Lyle Schwartz of NIST Named Next AUI President



Lyle Schwartz

Lyle Schwartz, who is the Director of the Materials Science & Engineering Laboratory of the National Institute of Standards & Technology has accepted the offer by Associated Universities, Inc. (AUI), to become its next President, it was announced by Paul Martin, who is Chairman of the AUI Board of Trustees and the Dean of Engineering & Applied Sciences at Harvard University.

To join AUI in mid-March, Schwartz will succeed Robert Hughes, who, in May 1996, had asked to retire from

the AUI presidency, a position he has filled since 1980.

AUI operates BNL under contract to the U.S. Department of Energy, and it manages the operation of the National Radio Astronomy Observatory (NRAO) under a cooperative agreement with the National Science Foundation.

"We are delighted that Dr. Schwartz has agreed to accept the position," said Martin. "His being selected is the result of a nationwide search that lasted many months. Dr. Schwartz's background as a scientist, a research manager and a member of the academic community qualify him well for this important office."

Continued Martin, "The entire Board of Trustees joins me in saluting and thanking Dr. Hughes for his extraordinary service to AUI over the past 17 years. He has guided two outstanding scientific organizations imaginatively and effectively during an era of changing scientific policies and priorities."

Added Laboratory Director Nicholas Samios, "I am delighted at the appointment of Dr. Lyle Schwartz to the presidency of AUI. His stature and experience in both research and administration will be a great benefit to AUI, BNL and NRAO."

The Bulletin will present an interview with the new AUI president in a future issue.

Nobel Laureate Cronin Draws Crowd In First 50th Anniversary Lecture



Roger Stoutenburgh

On January 23, a distinguished first speaker opened the BNL 50th Anniversary Distinguished Lecture Series, part of a yearlong celebration of the Laboratory's first five decades. Photographed just before his standing-room-only talk on "The Highest Energy Cosmic Rays," Nobel laureate James Cronin (left), University of Chicago, is seen here with Laboratory Director Nicholas Samios (right) and other lecture attendees. No stranger to BNL, Cronin, while on the physics faculty of Princeton University, performed groundbreaking research with Val Fitch, also of Princeton, at the Alternating Gradient Synchrotron in 1963. For their discovery of a basic physics principle known as CP violation, the two physicists were awarded the 1980 Nobel Prize in Physics. The next speaker in the series will be Robert Shulman, Sterling Professor of Molecular Biophysics and Biochemistry at Yale University, who will discuss "Exploring Brain Function with Nuclear Magnetic Resonance," on Thursday, February 27, at 4 p.m. in Berkner Hall.

Retiree's Son Honored by Army

On August 8, 1968, the Bulletin Board reported that First Lieutenant Joseph Neal, United States Army, who was the son of William Neal Sr. of the Photography & Graphic Arts (P&GA) Division, had been killed in Vietnam in the line of duty on July 31 of that year.

William Neal Sr. retired from BNL in 1973, and now lives in Delaware with his wife Josephine. On January 28, he and his children and grandchildren were the proud guests of honor at a ceremony at Fort Gillem, in Georgia, where the newly constructed physical fitness center was dedicated to the memory of their son, brother and uncle, Joseph Neal.

More than 400 people attended the ceremony where William Neal Sr., along with U.S. Senator Max Cleland, Assistant Secretary of the Army Robert Walker and Base Commander Colonel Stephen West, cut the ribbon officially opening the physical fitness center.

Joseph Neal's brother, William Neal Jr., also worked at BNL, in P&GA, from 1969 to 1971. During the ceremony he and West unveiled a plaque that has



Joseph Neal

been placed on permanent display at the fitness center and recounts how, during ground operations on the day he was killed, Neal "made the ultimate sacrifice when he shielded a detonated grenade with his own body. This heroic act saved the lives of five of his comrades from certain serious injury or death." —Anita Cohen

Two Ways To Get More Answers

Employees with questions about the tritium contamination at BNL and issues it raises have four upcoming opportunities to discuss their concerns:

• **You've Got Questions, We've Got Answers** — Sue Davis, Associate Director for Reactor, Safety & Security, will host two informal question-and-answer sessions, on Wednesday and Thursday, February 12 & 13, from noon to 1 p.m., in Berkner Hall. Other BNL staff will also be on hand to answer your questions.

• **Outreach Workshop on Employees' Concerns and Feelings About Environmental Issues at BNL** — Psychologists Joseph Gisondo and Diane Polowczyk of BNL's Employee Assistance Program will lead two workshops, one on Tuesday, February 18, from noon to 1 p.m., and the other on Wednesday, February 19, from 12:15 to 1:15 p.m., both in Room B, Berkner Hall. Each workshop will be limited to 25 participants, first-come, first-served. To register, return the completed bottom portion of the flier that all employees will receive next week.

Healthline-Outreach Lecture

Heart and Soul

Coronary artery disease and its most dreaded symptom — heart attack — have been linked not only to certain styles of living, but also to ways of behaving.

These links will be explored during the lecture "Heart Disease: The Mind-Body Connection," on Tuesday, February 11, from noon to 1 p.m. in Berkner Hall. Sponsored by the Health Promotion Program (HPP) and the Employee Assistance Program (EAP) of the Occupational Medicine Clinic, the lecture will be presented by physician Mitchell Saunders, who will discuss the medical aspects of heart disease, and psychologist Susan Dermit, who will talk about the behavioral and emotional aspects. The talk is open to all, and it will be available afterwards on audiocassette in the Library.

A board-certified cardiologist specializing in cardiac rehabilitation, Mitchell Saunders, M.D., practices with the North Suffolk Cardiologists group. A former assistant professor of psychiatry at the State University of New York at Stony Brook, Susan Dermit, Ph.D., has a full-time practice in Port Jefferson.

To register for this lecture, return the completed bottom portion of the Healthline-Outreach flyer recently sent to all employees to Health Promotion Specialist Mary Wood, Bldg. 490, by Monday, February 10.

For more information about HPP, call Ext. 5923; to find out more about EAP, call Ext. 4567.

Man Arrested for Theft Of BNL Shielding Blocks

The following story was recounted to the Brookhaven Bulletin by Police Group Inspector Leonard Butera, Safeguards & Security Division (S&SD). It illustrates, Butera said, "that the Lab has good ties with law enforcement and is committed to following up on the theft of any government property."

A BNL employee recognized the truck: One fall day last year, he had seen someone loading shielding blocks into it from a salvage area in the Alternating Gradient Synchrotron complex.

The employee had notified the BNL Police Group, which had been on alert for a black Ford pickup truck trying to leave or enter the Lab site, using an employee pass. And, in fact, a short time later, the police at the Main Gate had challenged the driver of a truck matching this description, but the driver raced off site without pulling over.

So, this time when the BNL employee saw the suspicious truck, he got the license number and immediately handed it over to Butera. Working with the Federal Bureau of Investigation (FBI), Butera ran an identification on the license plate.

That led Butera and the FBI agents to Jeffrey Porter. When they confronted the suspect last November, Porter cooperated and confessed to stealing an estimated 3,000 pounds of aluminum shielding blocks, then selling them for the scrap metal value of aluminum.

The FBI turned the case over to the Suffolk County Police Department, whose 6th Precinct Crime Control Unit arrested Porter for larceny on December 21. He confessed again to the Suffolk County Police and will have his first appearance in court this month.

But the story didn't end there because what Porter didn't know is that he had not stolen aluminum: The shielding blocks were made of a material called kirkosite, and they were slightly radioactive. Porter stole the blocks from a salvage area despite the fact that they were marked with the universal radiation symbol. Because he was not an employee and he was trespassing, Porter obviously did not realize the symbol's significance.

Although the radioactivity level in the shielding blocks was too low to have environmental or health consequences, Butera, the FBI, members of the S&SD Isotopes & Special Materials Group and BNL's Safety & Environmental Protection Division set out to recover them. Visits to local scrap metal and junk yards were fruitful: In one facility, in fact, they recovered 7,280 pounds of the stolen material — well above the 3,000 pounds that Porter had confessed to having sold. Given the thoroughness of the investigation, Butera said that the BNL Police are confident that all of the shielding has been recovered.

Butera gives much credit for Porter's arrest and the successful recovery of the stolen shielding blocks to the alert actions of the BNL employee who spotted this theft. Should you notice any suspicious activity on the Lab site, you are encouraged to report it to the Police Group at Ext. 2238.

Weather '96 — White & Wet

Long Islanders had the whitest winter in almost a half-century during the 1995-96 winter season, according to BNL meteorologist Victor Cassella, of the Meteorology Group in the Department of Applied Science.

His review of the meteorological data that have been recorded at BNL since 1949 showed that the period from October 1995 through April 1996 brought the area a record-breaking 230.6 centimeters (cm) (90.8 inches) of snow. The previous record for the most snowfall, set in 1966-67, fell short of that amount by 37.9 cm (14.9 inches).

Though the whole winter season set a snowfall record, only one individual month in 1996 — April — was a record-setter on its own. Almost 41 cm (16 inches) fell that month, eclipsing the 27.9 cm (11 inches) that had held the record since 1982, when it all fell on the same day, April 6. In 1996, April 9 beat that one-day total and set another record with 31.75 cm (12.5 inches).

With 152.9 cm (60.2 inches) of precipitation, 1996 was the third wettest year on record, after 1983 and 1989, with 162 and 174.5 cm (63.8 and 68.7 inches), respectively. Also, 1996 brought the wettest December on record, beating 1957 by 0.5 cm (0.2

inch), with 22 cm (8.66) inches of precipitation — only 1.3 cm (0.5 inch) of which was snow.

"It could have been worse in December," said BNL meteorologist Victor Cassella. "On average, every one inch of rain equals ten inches of snow, so if all that rain were snow, we would have had a snowfall of 86 inches."

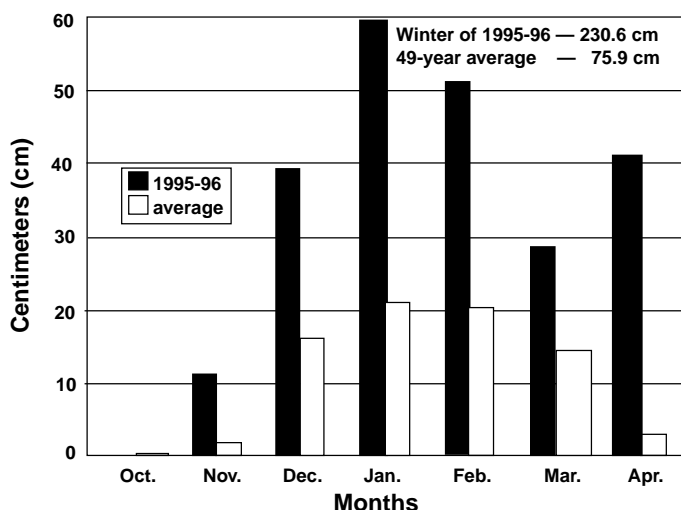
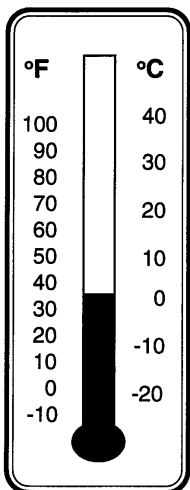
While the average temperature for the year was slightly above average, four new high temperatures and one new low were set for 1996.

The new highs were: 36.4°C on May 20, 32.8°C on May 21, 20.3°C on November 7 and 14.2°C on December 24. They broke the following records: 30.3°C, May 20, 1975; 30.6°C, May 21, 1992; 19.5°C, November 7, 1975; and 13.9°C, December 24, 1982.

A new low of -16.7°C set on March 10, beat the 1972 record of -15°C.

Cassella predicts Long Island will probably get much less snow in 1997 than it did last season. "From the

time we began keeping records to the present, this is the ninth season in which we have gotten only one-half inch of snow, or less, by January 1 — and, during seven of these years, we've had less than 20 inches of snow for the whole season," he said.



Snowfall during the winter of 1995-96 reached a record-breaking 230.6 centimeters (cm). Each month from November through April brought from two to 15 times as much snow as normal, and April set two records, with a one-day total of 31.75 cm and a month's total of almost 41 cm.

A New Dawn in Public Affairs



Roger Stoutenburgh

Got a question about anything at BNL? Your first point of contact could be Dawn Mosoff in the Public Affairs Office (PAO), Bldg. 134. Since the beginning of this year, Mosoff has been learning to be "The Woman With All the Answers" — an epithet formerly attributed to Janet Sillas, who retired on December 31, after 17 years in PAO and 22 years at BNL. Though new to Public Affairs, Mosoff is not new to Brookhaven: After joining the Lab in 1978, she honed her secretarial skills in the Department of Applied Science from 1979 to 1986. In October 1986, she became an administrative services assistant in the Office of Educational Programs, working on student programs with people throughout the Lab. The broad knowledge of BNL she garnered in her previous 18 years at the Lab is now helpful in getting the answers to all kinds of inquiries from employees and the general public, as well as in coordinating another major area: the Laboratory's Speakers Bureau. In that role, Mosoff matches requests from civic groups, schools, service and other organizations for speakers on various topics with appropriate employee spokespersons. If you would like more information about the Speakers Bureau or would like to volunteer your expertise to speak on certain subjects, contact Mosoff, Ext. 2345 or e-mail mosoff@bnl.gov.

A Driving Need For Used Computers

BNL's Diversity Office and Office of Educational Programs (OEP) are conducting a used computer drive to collect 50 usable computers by March 1, to donate to local community organizations and school districts involved in partnership programs with the Lab.

The drive will accept BNL computers that can be made available for donation by Lab departments, as well as privately owned equipment, which donors may be able to take as a charitable tax deduction. Individuals or department administrators wishing to contribute should call the Diversity Office, Ext. 3709, or OEP, Ext. 4503.

Dosimetry badges will be changed tomorrow. Please place your badge in its assigned rack space before leaving work today.

Addled Addresses

- B&L Medical Dep.
- Brook Heaven National Lab

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.



Last Chance at Love — Noon Today!

Today at noon is the deadline for ads to be put in the Bulletin for next week — and that includes Valentine's Day messages, no matter how heart-breaking.

Unmoved, the stony-hearted editorial staff will let you eat your heart out unpublished if your 15-to-20 word "love note," which might otherwise have transformed your private life, is delivered to the Bulletin, Bldg 134, too late.

So, don't wait. Pour out your heart on a Sales & Notices Bulletin classified ad form — one per employee — and mark it "Valentine's Day."

You must sign your name and enter your life number and extension, though no names will be printed unless they are clearly part of the message. Copy must be deemed tasteful, and all notes will be accepted at the Bulletin's discretion.

Telephone Tip

If a caller hangs up without leaving a message on your voicemail, you may get a trouble tone — a high-low tone — as a message. To erase this message, enter 3-3-7 *while listening to it*. Otherwise, the voicemail system will recognize the trouble-tone as a dial-tone and disconnect your phone.

Here & There

The HEP Network Resource Center at Fermi National Accelerator Laboratory maintains a list of physics newsletters published by institutions worldwide.

Three BNL publications — the **Brookhaven Bulletin**, the **National Synchrotron Light Source Newsletter** and the **RHIC Bulletin** — are included on the list.

These can be accessed on the World Wide Web at the location <http://www.hep.net/documents/newsletters/newsletters.html>.

Coming Up

James Veligdan, a senior research engineer in the Department of Advanced Technology, will give the 324th Brookhaven Lecture on Wednesday, February 26.* His talk on "Plane and Fancy: Flat Panel Laser Display" will begin at 4 p.m. in Berkner Hall.

**Note change in date from February 19.*

Two Pollution-Prevention Programs Win DOE Kudos for BNL

BNL's recycling program and a revamped parts-cleaning process used by the National Synchrotron Light Source (NSLS) have both won Pollution Prevention Appreciation Awards from the U.S. Department of Energy (DOE).

Hundreds of tons of BNL paper, cardboard, bottles, cans, tires, construction debris, topsoil and asphalt are spared from the landfill each year, and turned into roads, new paper, and packaging. The DOE award recognized BNL Recycling Coordinator Slim Blevins, Plant Engineering (PE) Division, and the employees in PE's Site Maintenance Division who carry out recycling activities. Blevins also offered his thanks to the many Recycling Coordinators around the Lab.

Meanwhile, an acid test of how to prevent pollution has won an award for the redesign of the the NSLS' Acid Cleaning Facility (ACF).

Parts for the NSLS' ultrahigh vacuum beam lines were formerly cleaned using highly corrosive acids and bases. But, after an analysis by Dow Chemical Company's Advanced Cleaning Systems Division, the ACF got a complete overhaul.

Now, in a new Centralized Degreasing Facility in the Central Shops Division, advanced cleaning methods will clean parts to specification without eating away at them. To come on line this spring, the new facility will have almost no toxic emissions to the Lab's sewage treatment plant, and it will avoid infrastructure corrosion and ventilation costs.

— Kara Villamil



Roger Stoutenburgh

Pictured at the Site Maintenance headquarters of BNL's award-winning recycling program are: (from left) pollution prevention award recipients Darren Harris, Plant Engineering (PE) Division; Howard Bell, PE; Muriel Olenick, PE; Ron Mulderig, PE; Roy McWilliams, PE; Phil Baker, PE; award presenter Associate Director for Reactor, Safety & Security Sue Davis; award recipients Slim Blevins, PE; Anthony McGill, PE; Troy Mayo, PE; and award presenter Pollution Prevention Coordinator George Goode, Safety & Environmental Protection Division.



Roger Stoutenburgh

In front of tanks at the new centralized Degreasing Facility in the Central Shops Division are: (from left) pollution prevention award recipient Bob Lee, Safety & Environmental Protection (SEP) Division; award presenter Sue Davis, Associate Director for Reactor, Safety & Security; and recipients Pollution Prevention Coordinator George Goode, SEP; Conrad Foerster, National Synchrotron Light Source Department; and George Leskody, Plant Engineering Division.

Service Awards

The following employees celebrated service anniversaries during January:

40 Years

Dmitri Stephani.....Instrumentation
35 Years
Elliot H. Auerbach.....AGS
Neal R. Carciello.....App. Science
James R. Curto.....AGS
Thomas A. White.....NSLS

30 Years

Thomas H. Albertina.....Comp. & Comm.
John J. Bland.....Financial Services

25 Years

Earle E. Edwards.....Safety & Env. Prot.
John D. Smith.....NSLS
Frank W. Stubblefield..Instrumentation

20 Years

John W. Andrews.....App. Science
David R. Cattaneo.....RHIC
Robert D'Angio.....Human Resources
Kris S. Dahms.....Safeguards & Sec.
Willem DeJong.....RHIC
Jerome B. Hastings.....NSLS
Doris M. Johnston.....Plant Eng.
Barbara N. Lade.....Biology
Henry Lewis.....Plant Eng.
James J. Licari.....RHIC
James Makoulis.....AGS
Mona S. Rowe.....Director's Office
Joan P. Smith.....Financial Services
William J. Strelecki.....Saf. & Env. Prot.
Sandra G. Sullivan.....Adv. Technology
Michael Todosow.....Adv. Technology
Ronald J. Zapasek.....AGS

10 Years

Roy J. Butler.....Plant Eng.
Melvyn G. Cowgill.....Adv. Technology
Denis P. Joyce.....Plant Eng.
William V. Peterson.....Plant Eng.
Charles S. Schuster.....Reactor
Thomas G. Throwe.....RHIC
Michael Villaran.....Adv. Technology

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, 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 (344-7744), 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, under "Information," select "Jobs." For scientific staff openings, select "Scientific Personnel Openings"; for all other vacancies, select "General Personnel Openings."

LABORATORY RECRUITMENT - Opportunities for Laboratory employees.

DD 3100. DRAFTER POSITION - (term appointment, part-time) Requires an AAS degree or equivalent work experience, a working knowledge of AutoCAD and basic drafting experience. Will perform detailing and preliminary conceptual experimental layouts. Ability to perform field work as required. RHIC Project.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

DD 4865. OFFICE SERVICES POSITION - (temporary position) Requires previous travel office experience, including several years' SABRE computer experience. Will assist Laboratory staff in all aspects of travel such as making airline, railroad, bus and ferry reservations; obtaining limousine or car rentals, and securing accommodations. Administrative Support Division.

DD 4028. CARPENTER - (one term appointment, one temporary appointment) Under minimum supervision lays out, constructs, modifies and maintains buildings and component parts from construction drawings, rough sketches or verbal instructions. Works with wood, wood substitutes and combination materials and flooring, roofing and wall materials. Uses hand, portable and fixed tools common to building construction trades. Installs cabinets, door frames, window glass, interior finishes and hangs doors. May perform Cabinetmaker duties as required. (reposting) Plant Engineering Division.

NS 0600. ENGINEERING POSITION - Requires a BS/MSEE and extensive experience in the design, fabrication and testing of rf circuits. Expertise in the use of computer-simulation codes in the design of rf circuits is essential. Experience in the design of low-level rf circuits, preferably with some experience in the 10-200 MHz range; operation of rf test equipment, including network and spectrum analyzers; high-speed scopes and frequency analyzers required. Familiarity with VME bus architec

Arrivals & Departures

Arrivals

Zhong Zhong.....Comp. & Comm.

Departures

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

Blanchard J. Patel.....Envir. Res.
Alessandro G. Ratti.....RHIC
Jing Wang.....Medical
Weijia Xie.....Adv. Technology

Bowling

Red and Green League

H. Arnesen 235/213/213/662 scratch, R. Mulderig 224/220/203/647 scratch, J. Griffin 220/208/207/635 scratch, B. Kollmer 225/214/204/643 scratch, R. Prwivo 243/224/656 scratch, K. Asselta 223/200/622 scratch, B. Guiliano 234/204, J. Cuccia Jr. 212/212, R. Eggert 210/207/603 scratch, G. Weresnick 248, J. Goode 238/619 scratch, W. Powell 213, E. Larsen 212, N. Bessemer 210, E. Meyer 208, R. Wiseman 204, E. Sperry IV 202, A. Pinelli 202.

Purple and White League

N. Bessemer 226/216/192/634 scratch series, G. Mehl 225/219/215/659 scratch, J. Zebuda 220/182/180, S. Frei 211/200/179, M. Meier 221/203, D. Riley 204/196, Don King 203/192, Wayne R. 189/182, E. Sperry IV 237, B. Guiliano 223, B. Mullany 196, M. G. Meier 193, P. Baker 190, C. Johnson 180, T. Mehl 177, F. Brown 171.

Equipment Demo

The LeCroy Corporation will display its latest digital color oscilloscope, the 1450 Visyn high-voltage system, and other instruments on Wednesday, February 12, from 10 a.m. to 3 p.m. in Berkner Hall.

Computing Corner

The Computing & Communications Division (CCD) is offering the following computer training. To obtain a training request form, contact your training coordinator or Julie Guhring, Ext. 5196.

For more information, call Pam Mansfield, Ext. 7286; to register for a course, send an ILR with the appropriate amount to Mansfield, Bldg. 515, by the date listed below.

Computer Training

Seats remain in the following February classes:

Wed., Feb. 12 beg. EXCEL
Thu., Feb. 13 beg. PowerPoint
Tue. & Thu., int. ACCESS
Feb. 18 & 20*
Wed., Feb. 19 beg Windows 95
Tue., Feb. 25 int. EXCEL

*two-day class

The per-person cost per day is \$177.75

HTML Training

In response to the overwhelming demand for the class "Introduction to HyperText Markup Language, or HTML," CCD is offering another class on basic Web page publishing and linking, on Wednesday, February 26.

The per person cost is \$210; ILRs are due on Thursday, February 13.

Perfect WordPerfect 7

CCD will offer WordPerfect 7 training in March. The cost per person is \$177.75.

Camera Club

The BERA Camera Club will plan a professional studio shoot at its next meeting, on Wednesday, February 19, in Room A, Berkner Hall. During this meeting, club president Ripp Bowman will demonstrate the use of professional strobe lighting, and a date for the shoot will be selected.

While all interested photographers are invited to the meeting, only club members may participate in the shoot — so come to the meeting to join the Camera Club! For more information, call Bowman, Ext. 4672.

Rifle & Pistol Club

The Rifle & Pistol Club meets on the second Wednesday of each month, so the next meeting is February 12, in Room 202, Bldg. 911B, at noon. For more information, call Otto Jacobi, club president, Ext. 3471.

Volleyball

Standings as of January 30

Open League	League I
Shank,Cary&Throw 34-11	Bikers 'n Spikers 36-9
Far Side 25-17	Rude Dogs 37-11
Pass, Set & Crush 24-18	Scared Hitless 19-26
Death Volley 15-27	Net(e)scapers 14-34
Spikers 10-35	Set to Kill 11-37

League II	League III
Safe Sets 27-6	Silver Bullets 38-1
Spiked Jello 26-7	Group Sets 28-11
Jao-About-That 22-11	Night Court 6-3
Monday Nite Live! 21-12	Upton Ups 24-15
Fossils 19-14	Just 4 Fun 22-17
Lift, Carry, Throw 10-23	New Comers 19-20
Nuts & Bolts 10-23	Court Hogs 12-27
Jolly Vollies 6-27	OER 7-32