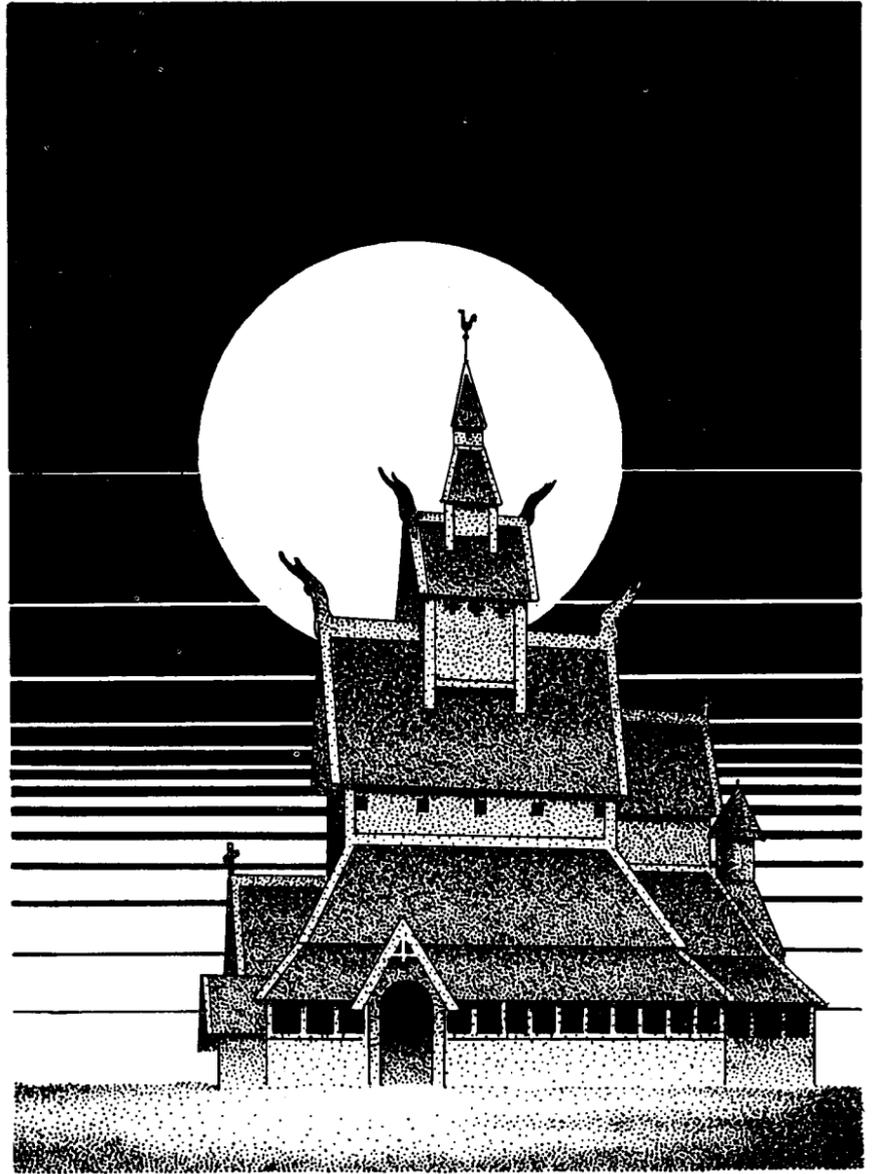


BROOKHAVEN BULLETIN

Volume 33 - Number 49 / December 21, 1979
BROOKHAVEN NATIONAL LABORATORY



—Andrew Stoddard



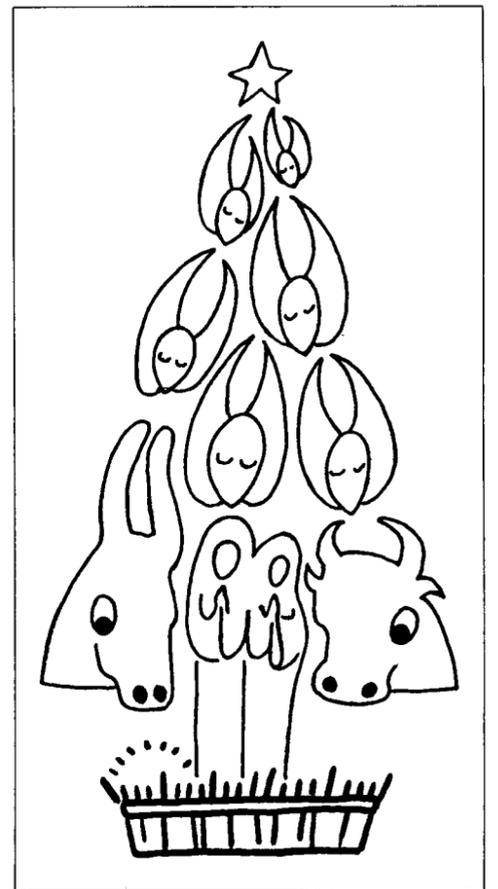
—Per Dahl



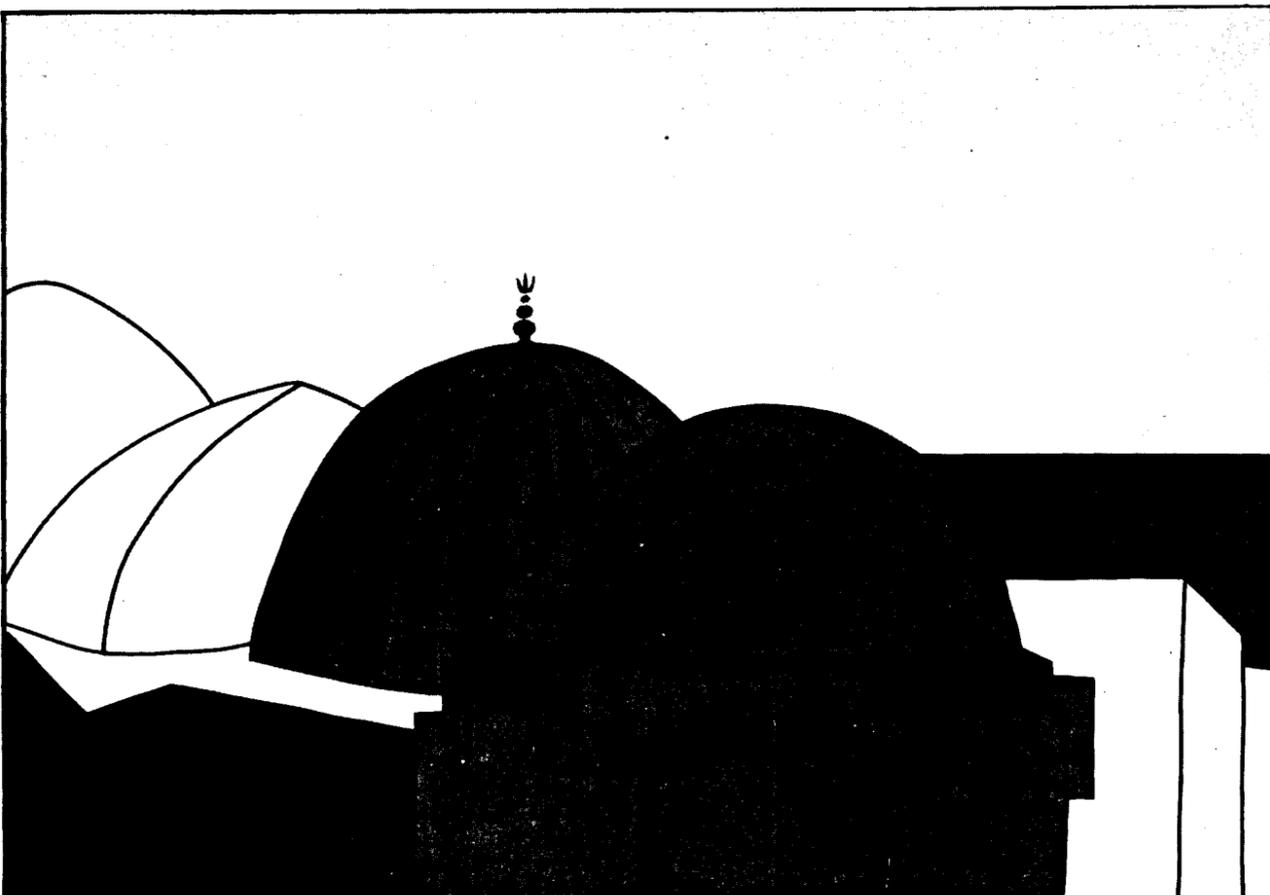
—David & Harriet Christman



—David Edwards



—Liz Seubert



—R. Christian Anderson

Season's Greetings

We are indebted to BNL artists who contributed the greeting card designs which grace the front page of this issue. Our thanks to R.C. Anderson (DO), Dave Christman (Chemistry), Per Dahl (ISABELLE), Dave Edwards (ISABELLE), Liz Seubert (DEE), and Andy Stoddard (DEE). The cards express not only the sentiments of the season, but a desire for peace and tranquility throughout the world. This is a hope shared, we are sure, by everyone at BNL.

Speakers Bureau December

Melvine Levine (DNE), Rotary Club of Patchogue, Questions on Energy, December 5.
Norma Cicale (Med); Sandra Garber (DNE); Claire Kochendorfer (Accel); Jeanne Penoyar (DNE); Patchogue-Medford High School, Non-Traditional Careers for Women, December 11.
Andrew Hull (S&EP), Southampton College, Health Effects & Nuclear Energy, December 12.



George E. Bryant



Virginia P. Lyons



William J. Patanjo



Erik Halstensen



Orland C. Centabar

Retiring Dec. 31

—portraits by Rosen

George E. Bryant has been with the Lab since 1962. He retires this month from his position as a plumber with the Plant Engineering Division. Bryant plans to continue with a part-time business, which will keep him "busy and challenged."

Orland C. Centabar, a technical specialist with the Accelerator Department, will retire after 21 years at the Lab. Centabar, who came to the Lab after retiring from the Air Force in 1958, does not plan to get into still another career. "This time around," he said, "I'm going to take it easy."

Erik Halstensen, a tool and instrument maker with the Central Shops Division, is retiring after 18 years of service. Originally from Norway, he plans a trip back to visit family, but he intends to return to Long Island, which he considers home.

Virginia P. Lyons has been with the Lab from 1947 to 1956 and from 1963. She retires this month from her position as an office services assistant with the Technical Information Division. "I'm going to put my house in order," she said, "and then find out what mischief I can get into."

William J. Patanjo, a chauffeur with the Staff Services Division, has been with the Lab since 1947. After retiring, he plans to divide his time between Long Island and Florida.

Dorothy S. Pollock, retiring this month after 32 years with the Lab, will be leaving her position as senior executive secretary in the Chemistry Department. Her future plans include traveling.

Service Awards

The following employees will receive service awards during the month of December:

Thirty Years

Richard P. McKenzie.....S&EP

Twenty-Five Years

Victor P. Bond.....Director's Office
Gerald A. Dupre.....Accelerator
George M. Guydish.....Plant Engrg.
Gerald C. Kinne.....Director's Office

Twenty Years

Duff M. Henze.....S&EP
Douglas Humphrey.....P&GA
Anne F. Nauman.....Biology
Richard M. Okula.....Medical
Gilbert G. Spira.....Energy & Env.

Ten Years

Eugene D. Hassell.....Physics
Richard R. Miko.....Staff Services
Marshall D. Newton.....Chemistry
Frank J. Pachinger.....Central Shops
Alan J. Smith.....Applied Math
Anna-Maria Vasquez.....Medical

Tale Of An Honest Man

John Hauser was driving home after fetching a Sunday paper. As he turned the corner, two green bags sticking out of a swirl of leaves on the road caught his eye. Now, not just anybody would have noticed these bags, but Hauser works in the Budget Office, and he recognized them immediately as bank bags.

Both were printed with the bank's name and were numbered and locked. Hauser could tell by their weights that one carried coins and the other paper. As he hefted them into his car, he wondered what he would say if a cop appeared. When he got home, he dropped them on the kitchen table and announced to his wife, "My ship has finally come into port." Then he went straight to the phone and called up the bank manager, who happened to be a neighbor.

The bank manager was amazed. Never before in his career had anything like this happened. He came over right away, identified the bags by their numbers, and he and Hauser went to the bank to lock them in the vault.

In the meantime, the owner of the money, who had been on his way to make a deposit in the night drop, discovered his loss and tried to contact the bank manager, who was not at home. So he notified the police.

Apparently, the bags had never made it into the owner's car, and were left on his trunk. When he rounded that corner, they slid off, probably minutes before Hauser came around.

Eventually, everybody got together and everything got sorted out. Hauser says, "I think there are still a lot of honest people in this world who would have done the same thing."

What would you do if you found money lying in the street?

In Memoriam

James R. Denlea, a Sr. Stationary Engineer in the Plant Engineering Division, died on December 4 at the age of 59. He had been employed at the Laboratory since July 5, 1967. Denlea, who resided in Central Islip, is survived by his wife, Mary, and three children, James, Jr., Elizabeth and Roy.

It has been learned that Clarence (Budd) Robbins, who retired on June 29, died on November 10 at the age of 64. During his 32 years at the Laboratory, he had been active on the Affirmative Action Advisory Committee and retired as a Stores Clerk in the Supply & Materiel Division. He is survived by his wife, Helene and a daughter, June.

CREF Values

January	\$40.90	February	\$39.47
March	41.60	April	41.61
May	40.58	June	42.12
July	42.57	August	44.50
September	44.60	October	41.18
	November	\$42.56	

Sbarra To Head Clinic



Laura Sbarra

Dr. Laura Sbarra has been appointed Head of Industrial Medicine, effective February 1, 1980. She will replace Dr. Knud Knudsen who is resigning to join the staff of Tabershaw Occupational Medicine Associates, Rockville, Md. Knudsen is currently on vacation and Sbarra is serving as Acting Head of the clinic until his resignation becomes effective.

Dr. Sbarra received her B.S. in genetics from Cornell University in 1965 and her M.D. degree (magna cum laude) from the Medical College of Pennsylvania in 1969. She interned in internal medicine at Meadowbrook Hospital on Long Island. Following her internship she spent a year at the Adult Health Clinic of the Suffolk County Department of Health and six months as an emergency room physician at Mather and St. Charles Hospitals. She has worked part time in private practice and, since May 1972, has been an Industrial Medicine Physician at the Laboratory. She is married, has two sons, and lives in Shoreham.

Dr. Knudsen has headed Industrial Medicine since July 1, 1978. He assumed this post after 14 years on the staff of the Medical Department, first as a hypertension research scientist, and later as the Laboratory's resident physician in the Marshall Islands. A native of Norway, Dr. Knudsen obtained his M.D. degree from the University of Oslo, and spent two years in the Norwegian Army Signal Corps and a year with a Norwegian MASH unit in Korea. For the eight years prior to joining the Brookhaven staff, he specialized in clinical biochemistry at the Rikshospitalet in Oslo.



Knud Knudsen

—Photos by Humphrey

Bon Appetit

Here is a recipe from this year's "Seasonings," a cookbook published by the BNL International Cooking Exchange.

Candied Fruit Rind

rind from 3 oranges	1 t. ground ginger
rind from 1 grapefruit	1/8 t. salt
2 1/2 C. sugar	1 1/2 C. water
1 T. light corn syrup	1 envelope unflavored gelatin

Peel rind from fruits in quarters; trim off white membrane, then cut rind into 1/4 in. wide strips. Place in large heavy saucepan with water to cover; bring to boil, simmer 15 minutes. Drain, repeat cooking with fresh water and draining two more times. Return rind to pan. Stir in 2 C. sugar, corn syrup, ginger and salt, and 1 C. water. Cook slowly, stirring from bottom of pan, 40 minutes, or until most of syrup is absorbed. Meanwhile, soften gelatin in remaining 1/2 C. water and stir it into fruit strips until dissolved. Cool. Lift out strips one at a time and roll in remaining 1/2 C. sugar, sprinkled on a sheet of waxed paper, to coat generously. Place in single layer on a cookie sheet to dry. If stored in tightly covered container, rind will keep for weeks. Makes 1 1/2 lbs. Put candy in glass container for a colorful gift.

—Leah Gasser

Holiday Food Service

The Vended Food Service in Building 912 will be open at all times, and will be serviced regularly throughout the Christmas and New Year's Holidays.

The Cafeteria will close at 2:00 p.m. on Friday, December 21. On Saturday, Sunday and Monday, December 22 through December 24, and Saturday and Sunday, December 29 and December 30, Snack Bar Service will be available from 9:00 a.m. until 2:00 p.m. The Cafeteria will be closed on Tuesday, December 25 and Tuesday, January 1.

The Center Club Snack and Beverage Bar will be closed on Friday, Saturday, Sunday, Monday and Tuesday, December 21 through December 25, reopening at 5:00 p.m. on Wednesday, December 26. The Center Club will also be closed on Saturday, Sunday and Monday, December 29 through December 31, reopening at 5:00 p.m. on Tuesday, January 1.

The Coffee Truck will not make its rounds on Friday, December 21, due to the half holiday.

Kenyan Official Visits Lab



At the High Flux Beam Reactor last week, Herbert Kouts, Chairman of the Department of Nuclear Energy, explained the Lab's research reactor to Simeon Shitemi, Counselor of the Kenya Mission to the United Nations, and Rick Williamson, Chief of the Nuclear Exports Division in the Arms Control and Disarmament Agency. Counselor Shitemi is chairman of the preparatory committee for the five-year review conference of the nuclear Non-Proliferation Treaty, which will take place in 1980.

—photo by Humphrey

BROOKHAVEN BULLETIN

Published weekly for the employees of
BROOKHAVEN NATIONAL LABORATORY

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CARL R. THIEN, Public Relations Officer

Letters To The Editor

To my friends at BNL:

My family and I would like to thank all of my friends in Physics and Supply and Materiel for your kind expressions of sympathy during our recent bereavement.

Charlie Lyons

A Cold Look At Ice And Snow

With winter now upon us, Plant Engineering has set priorities for removing snow, or sanding ice on site. Main roads will be cleared first, then secondary roads, parking lots and so on. First consideration will be given to emergencies and second to the areas serving the largest number of people. Employees should understand that there will be snow removal problems and that there will be times when they will be required to navigate on ice and snow.

The Safety and Environmental Protection Division has some suggestions that can help you help yourself in the coming winter.

- Carry a shovel and a bag of sand or salt in your car.
- If you don't have snow tires on your car, plan to ride with someone who does if weather conditions are bad.
- Be reasonable when choosing footwear. Leather soled shoes can be very slippery. Let fashion take a back seat and be safe.

NYIT MBA Courses

This spring, credit courses toward a Master of Business Administration degree will be offered to BNL employees by the New York Institute of Technology. Classes will be held on site, from 5:30-9:30 p.m. on alternate Tuesdays, beginning February 5, 1980.

The following courses are scheduled:

- 0108 03 Marketing Management
- 0121 03 Quantitative Methods

Both courses are \$255 each, plus related school fees. Employees may take advantage of the Lab's Tuition Refund Program, or may be eligible for Veteran's assistance. Information on both may be obtained from the Personnel Office, Ext. 4262.

The mail registration deadline is January 24, 1980. For more information and registration materials, contact Renee Flack, Ext. 3316.

Arrivals & Departures

Arrivals

Takeshi Akasaka.....	Chemistry
Judy Badal.....	Energy & Env.
Mark A. Catan.....	Energy & Env.
Raymond B. Ceruti.....	Accelerator
Thomas M. De Nobile.....	Biology
George J. Gordon.....	Central Shops
David F. Guenther.....	Energy & Env.
Roger W. Klaffky.....	Director's Ofc.
Saed Mirzadeh.....	Chemistry
Veeraraghavan N. Narashimhachari.....	Biology
Albert Queirolo.....	Energy & Env.

Departures

Steven W. Carrier.....	Plant Engrg.
Earle C. Fowler.....	Accelerator
Kenji Horii.....	Accelerator
Maria D. Hettler.....	Physics
Marjorie S. Shaffer.....	Energy & Env.



With the help of John Cochrane in the cherry picker, Tom Northam strung Christmas lights on the blue spruce at the intersection of Princeton and Upton Avenues. In past years, a taller evergreen near the Brookhaven Center was decorated, but to conserve energy, the spruce has been used recently. The larger tree held several hundred lights, but the smaller tree looks colorful with just 80. This weekend, many employees will decorate their Christmas trees at home, using ladders to reach the higher branches. However, the Lab's spruce is 20 feet tall, and the cherry picker came in handy. — Rosen

Pool Reopening

The swimming pool will reopen on Monday, January 7, 1980.

Schedule

Monday through Friday:

- 11:00 a.m. to 1:30 p.m. — employees only
- 5:00 p.m. to 9:30 p.m. — employees, families, guests

Saturday and Sunday:

- 1:00 p.m. to 6:00 p.m. — employees, families, guests

Admission Fees

Season Tickets:	
Individual	\$20.00
Family	\$30.00
Daily Tickets:	
Employee, Family Member	\$1.00
*Guest	\$1.50

January through April 1980 season tickets will be sold at the pool during open hours starting on opening day.

*One guest per employee is permitted at the swimming pool. Advance arrangements for additional guests (but not more than five at any one time) may be made at the Recreation Office.

Cafeteria Menu

Week Ending December 28, 1979

Monday, December 24	
Snack bar service, 9:00 a.m. to 2:00 p.m.	
Tuesday, December 25	
Closed	
Wednesday, December 26	
Cream of cauliflower soup	(cup) .45
	(bowl) .55
Breaded flounder fillet & fries	1.40
Stuffed pepper w/spaghetti	1.45
Hot Deli — Pastrami	(on bread) 1.40
	(on roll) 1.50
Thursday, December 27	
Beef barley soup	(cup) .35
	(bowl) .45
Meat cakes w/buttered noodles	1.40
Chinese pepper steak on rice	1.45
Hot Deli — 8 foot hero	70¢ per inch
Friday, December 28	
Fish chowder	(cup) .45
	(bowl) .55
Fillet of fish Parisienne	1.40
Barbequed spare ribs & 1 veg.	1.45
Hot Deli — Meatball hero	1.35

Gym Shutdown

The gymnasium and all its connecting facilities (exercise rooms, locker rooms and shower rooms) will be closed from Thursday, December 20, 9:30 p.m. to Monday, December 31, 11:00 a.m.

Bowling

Gold League

High games were bowled by Marsha Kipperman 190/195/160-545, Fran Brown 191/152, Kay Conkling 167, Alice Alberico 154, Irma Montanez 151, Bea Pyatt 146. Marie Susa converted the 5-7-9 and 1-3-6-7-10.

Purple & White League

Bob Jones had high game and series for the men with a 235/190/192-617 series. Gail Schuman rolled a 218 for the women and Sharon Smith had a 520 series. Nate Carter converted the 2-7-10 and Nancy Erickson converted the 3-6-10. Other good games were bowled by Ed Sperry 220, Al Pinelli 208, Ted Erickson 204, Charles Zavesky 204, Ed Meier 206, Ben Belligan 203/200, Sharon Smith 203, Joyce Pinelli 181, Grace Kyhl 180, Pat Manzella 179, Helen Keeley 178.

Pink League

Congrats to new bowler Toni Cockerham whose average is now 100 and who bowled a 687 gross series. Nice games were bowled by Millie Connelly 176, Joyce Nicholzen 171, Deb Johnson 170 and Ellie Kristiansen 165. The Lickety Splits are still in first by 9 points.

Red League

This Isa Team won 8-3 over the Sandbaggers. R. Barberich had a 232/606 gross, C. Bohnenblusch 207/632 gross, R. Jones 202/601 gross, and E. Meier 200. The 76'ers won 8-3 over the Strangers. R. Meier, Jr. had 614 gross wood. The Designers were shut out 0-11 by the Sparks. D. Hayslip had 631 gross. The Old Timers won 8-3 over the Trouble Shooters. J. Fontana grossed 606. The Freon Loaders won 8-3 over the Light Source. F. Hohmann grossed 646.

Notice

The Bulletin is going on vacation next week. Publication will resume on January 4.

Reports Available

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

BNL 50815	\$6.00
The Effect on Air and Water Emissions of Energy Conservation in Industry. P.D. Raskin, et al	
BNL 50867	\$5.25
Workshop Report on Quantifying Environmental Damage From Energy Activities. Edited by P.D. Moskowitz, et al	
BNL 50922	\$4.50
Solar and Geothermal Energy Utilization in SF-2: A Sensitivity Analysis. H. Davitian, et al	
BNL 50927	\$5.25
A Locational Analysis for the Aluminum Industry. W. Isard, et al	
BNL 50932	\$4.00
Aquatics Task Force on Environmental Assessment of the Atikokan Power Plant: Effects on Aquatic Organisms. G.R. Hendrey	
BNL 50949	\$6.00
Evaluation of Technological Data in the DFI and PIES Models. N. Bhagat, et al	
BNL 50967	\$4.50
Brookhaven National Laboratory Computers User's Guide Permanent File Guide. T.S. Clifford	
BNL 50968	\$6.00
Case Study of the Brownell Low Energy Requirement House. R.F. Jones, et al	
BNL 50972	\$8.00
Abstracts of Reports Published in Energy Sciences Programs. Covering the Period January 1978 - December 1978. D.J. Metz	
BNL 50974	\$7.25
Solar Powered Steam Generator Heliostat - Final Report. J.G. Cottingham	
BNL 50985	\$4.00
Annual Report of the Brookhaven National Laboratory Heavy Ion Fusion Project for the Period October '77 - October 1 '78. A.W. Maschke	
BNL 50990	\$4.50
A Feasibility Study on the Use of a Rotating Fluidized Bed as a Dust Filter. R. Pfeffer, et al	
BNL 50992	\$4.50
Regenerative Process for Desulfurization of High Temperature Combustion and Fuel Gases, Quarterly Progress Report No. 11. M. Shen, et al	
BNL 50993	\$6.50
Abstracts of Reports Published in the Environmental Programs Covering the Period January - December 1978. B. Manowitz	
NUREG/CR-0769	
BNL-NUREG-50997	
Radio Frequency(r-f) Probe for Bubble Size and Velocity Measurements. N. Abuaf, et al	
BNL 50999	\$5.25
Modeling Market Penetration With Emphasis on the DFI Energy-Economy System. R. Condap, et al	
BNL 51002	\$12.00
Proceedings of the Symposium on Assessing the Industrial Hygiene Monitoring Needs for the Coal Conversion and Oil Shale Industries. O. White	
BNL-NCS-51005	\$6.00
Compilation Requests for Nuclear Data. Compiled and Edited by the National Nuclear Data Center for the DOE Nuclear Data Committee.	
BNL 51011	\$4.50
Alternative Process Schemes for Coal Conversion, Progress Report No. 1, October 1, 1978 - January 31, 1979. M.J. Sansone, et al	
BNL 51012	\$4.00
Review of Recent Research on Energy Storage in Residential Solar Total Energy Systems. R.W. Leigh	
BNL 51013	\$8.00
Cementing of Geothermal Wells, Progress Report No. 11, October - December 1978. L.E. Kukacka, et al	
NUREG/CR-0820	
BNL-NUREG-51014	
Advanced Reactor Safety Research Division, Quarterly Progress Report, January 1 - March 31, 1979. A.K. Agrawal, et al	
NUREG-CR-0821	
BNL-NUREG-51015	
Water Reactor Safety Research Division, Quarterly Progress Report January 1 - March 31, 1979. D.J. Diamond, et al	

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.

The determination of the best-qualified candidate for available positions will be based upon education, experience and other job-related criteria. Such factors will be evaluated and measured against the demonstrable requirements of the available vacancy, as well as the Laboratory's Affirmative Action objectives.

The Laboratory is committed to a policy of Equal Opportunity in its selection and placement of personnel. Its objective is equality of opportunity in employment, training, and promotion without regard to race, color, religion, national origin, sex, age or handicap.

Each week, the Personnel Office lists new personnel placement requisitions. The purpose of these listings is, first, to provide open placement information on all nonscientific 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, as indicated below. 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.

OPEN RECRUITMENT: Opportunity for present Laboratory employees and outside applicants.

1200. FACILITIES ENGINEER - Requires BS or equivalent in architecture and a substantial amount of experience in residential commercial and industrial architectural analysis, design and implementation. Responsibilities will involve broad scope of architectural activities including preparation of sketches, working drawings, specifications, and estimates for building, construction and modification. Plant Engineering Division.

1201. TECHNICAL POSITION (mechanical) - Requires AAS in mechanical technology or equivalent including familiarity with materials testing. Knowledge of the handling of corrosive liquids, use of electronic equipment and computer programming is desirable. Primary responsibility will be to operate and upgrade the experimental (test) equipment, prepare samples, and to collect and log data for the corrosive science group. Department of Energy and Environment.

1202. TECHNICAL POSITION (electro-mechanical) - Requires AAS in chemistry, physics, or mechanical/electrical technology or equivalent. Working knowledge of basic chemistry, standard laboratory equipment, electronics, manual and machine shop tools is highly desirable. Will modify and operate experimental apparatus, prepare samples, and collect and analyze data for a research group which evaluates the behavior of graphite in high-temperature gas-cooled reactors. Department of Energy and Environment.

1203. ASSISTANT TRAINING AND DEVELOPMENT ADMINISTRATOR - To assist in designing and presenting in-house skills development programs for managers, supervisors and other staff groups. Requires minimum of BS degree or equivalent and 3-5 years business experience in employee training. Must have excellent overall knowledge of business management principles, particularly in the area of human resource development. Personnel Division.

1204. PROGRAMMING ASSISTANT - Requires AAS in data processing or equivalent with working knowledge of FORTRAN IV. Familiarity with SPSS statistics package, INTERCOM, CDC 6600 and 7600 system is desirable. Primary duties will include developing and modifying data base management programs for the pulmonary research project. Medical Department.

Autos & Auto Supplies

72 MERCURY MONTEGO STA WGN, 302 V8, 70,000 mi, a/c, p/s, p/b, auto trans rebuilt. B. Style, Ext. 2953.

75 MUSTANG - 302 eng, AM/FM/cass, a/t, ps/pb, a/c, radials, 60,000 mi, must sell. \$3200. Ext. 2034, 475-2598.

75 BUICK CENTURY CUSTOM - ps/pb, p/w, s. radials, a/c, tinted glass, AM/FM stereo, CB, new batt & exhaust, very good cond. Howard, Ext. 4615.

74 TOYOTA CELICA - silver grey, 5 spd, a/d, AM/FM, Michelin tires, cassette tape, good cond. Asking \$2400. Ext. 2008, 928-5875 after 6.

74 MONTE CARLO - mint cond, 350-V8, 2 bbl, mags, landau, a/c, ps/pb, pinstriped. \$2000. Frank, Ext. 3898.

74 COUGAR XR7 - silver edition, full pwr, split velour bench seats, AM/FM tape. 587-2990 after 6:30.

SNOW TIRES (2) 825-14 mounted on GM rims, good tread. 2/\$30. 475-8268 eves.

CARBURETOR - Chevy 2 bbl for 307 eng. \$10. Ext. 4316, 924-3783.

PONTIAC PARTS - big block turbo 400 trans, \$125; heads, \$30; p/s pump, \$10; alt, \$15; fuel pump, \$5; 4 bbl manifold, \$25; oil pan, \$10. Fred, Ext. 4407, 499-1214.

TIRES - (4) Dunlop G/T Qualifier, on 14" chrome slotted wheels, almost new. \$310. 289-0413.

75 CHEVY IMPALA - V8, 44,000 mi. \$1500. Ext. 4466, 472-1082.

76 CHEVY NOVA - std trans, radials, good cond. \$2000. Dick, Ext. 4615, 928-8522.

76 GREMLIN - good cond. Ext. 3841, 286-9450.

73 PONTIAC GRANVILLE - 2 dr hdtp, low mi, excel tires, a/c, damaged drivers door. \$400. 924-4113 after 5.

73 DODGE MOBILE TRAVELER - 22' mini motor home, ps/pb, a/c, 318, a/t, 18,000, fully equipped, excel cond. Charlie, Ext. 4201.

65 VW - runs well, 28 mpg. \$450 or best offer. Ext. 3219/2115.

PR SNOW TIRES - 175-13 Dunlop Weathermaster SP44 radials, used 3 mos. \$45. Al, Ext. 3354.

SNOW TIRES - new Michelin XMS, 165R15. 2/\$90. Ext. 4941.

68 PONTIAC TEMPEST - runs well, clean, new tires, batt, muff. \$300. Bill, Ext. 4670.

69 PLY FURY - V8, p/s, 4 dr, runs well, must sell. \$350. P. Wanderer, Ext. 3830, 744-1112.

75 GRAN TORINO WGN - 59,000 mi, a/c, ps/pb, a/t, 10 psgr, good cond. 399-0676 eves.

CAR RADIO - AM/FM stereo 8 trk, auto head cleaner, in-dash unit. \$50. 286-9390.

SNOW TIRES - G78-14 belted, mounted Buick/Olds rims. \$60. Art, Ext. 4624.

78 CHEVETTE - 22,000 mi, 4 spd, new Monroe shocks, new mounted snows, AM/FM-8 trk stereo, 22-26 mpg, excel cond. \$3200. Frank C., Ext. 3254; Jo, Ext. 4144.

SNOW TIRES - (2) H78-15 w/rims, Firestone Town & Country, 3000 mi. \$65. Ruger, Ext. 2107.

SNOW TIRES - (2) for Pinto, \$75; mag wheels, (4) C78-13, \$400. Eric, Ext. 2973 after 5, or 669-1557.

71 VW VAN ENG - 1600cc. 981-4419 after 5.

15" WHEELS - Toronado front w/d, hvy duty, good cond. \$15/pr. Bob, Ext. 2819, 289-0357.

70 OLDS 88 - needs work. \$150. Ext. 7607.

70 HORNET - 2 dr sd, a/t, gold/blk, good running cond, reg gas. Ext. 2933, 473-2764.

TIRES - pr 78-13 Sears steel belted radials (Road-handlers), almost new. \$30 ea, \$50/pr. Ext. 2925.

TIRES - (2) H78-15 on Ford rims, like new. \$35/pr. Jim, Ext. 3451.

75 CHEVY IMPALA STA WGN - excel cond, ps/pb, a/t, a/c, 6 psgr, 42,000 mi. \$1995. Yosepha, Ext. 3403, 345-3079 eves.

77 PINTO WGN - V6, good mpg, a/t, ps/pb, radials. Rich R., Ext. 2350, 363-6845.

68 T-BIRD - 400 eng, very well kept, all pwr, runs well, must see. Pat, 588-8492.

TIRE - Delta H78-14 w/w, like new, on 5-hole rim, tubeless. \$25. 744-1429.

72 PONTIAC LEMANS - a/t, ps/pb, a/c, AM/FM, body damaged, runs well. \$500. 281-2186.

73 OLDS 87 DELUXE - garaged, reg gas, 47,000 mi, excel cond, a/c, ps/pb, stereo AM/FM-tape. \$2500. Sue, 286-8554.

71 BUICK SKYLARK - 2 dr hdtp, p/s, a/t. \$250. Ext. 2602.

74 JEEP - J-10 pickup, 4 w/d, 8 trk AM/FM, 4 spd, V8. \$3850. 286-0795.

CAR SPKRS - 2 Radio Shack flush mount. \$10. 286-8517 after 5:30.

2 RADIAL SNOWS - BR78-13 on rims, like new cond. Ext. 4479.

75 CADILLAC COUPE DE VILLE - lt blue/white gabriole roof, AM/FM stereo. \$3100. 581-7841.

Boats & Marine Supplies

23' O'DAY TEMPEST - 1966, 3 sails, outboard eng, sleeps 2, head, cradle, good shape. 298-8239 eves.

14' HOBIE SAILBOAT - compl w/sails & trailer, excel cond. \$1050. 581-7656.

Miscellaneous

EDISON - cylinder record machine, w/large brass horn and cylinders. \$400; 2 Victrolas, \$100 ea. Alan, Ext. 2907.

GIRL'S RAINCOAT - red, like new, size 14, \$10; baby items, safety gate, etc, asstd prices. Walt, Ext. 2907/2913, 698-0576.

SKIS - Hart Camero, 205cm, good cond, \$30; Salomon 444 bindings w/brakes, like new, \$35. 744-5096.

ENLARGER - Omega B22, like new Print-Rol, auto timer, poly c. filters, safe light, trays. All/\$100. 878-8129 eves.

SKI BOOTS - Montini size 7, practically new. \$25. Joan, Ext. 2340.

COLOR TV - Sylvania; camping equipment; GE iron; 2 gas cans; car-top carrier; 2 girl's bikes. Ext. 3079 eves.

REALISTIC TURNTABLE - manual, \$15; Craig home 8 trk, excel cond, \$25. 286-8517 after 5:30.

SLIDE PROJECTOR - best offer. Ext. 3701.

BABY CRIB - white, good cond. \$15. Rose, Ext. 4691.

FRANKLIN FIREPLACE - like new cond. Asking \$125. Frank, 924-7488.

TWIN HEADBOARD - brass plated, \$15; leather roller skates, ladies' size 8, steel case, \$25. Steve, 281-4371.

ANTIQUA GRIND STONE - w/seat & 2 treadles, excel cond. \$100 or best offer. 732-3338.

PORTABLE TYPEWRITER - Smith Corona, excel cond, new ribbon. \$30. 475-8658 after 7.

BIKE - boy's Iverson Mirage, 10 spd, 24", \$30; 12-lug drums incl 3 stands, 2 snare, tom-tom, base. \$65. R. Dietz, Ext. 3059.

OVEN/BROILER - Toastmaster, new in carton, \$20; Rival Crockpot, 3 1/2 qt, like new, \$7; elec wall/mantel chime clock, \$15. 325-1961.

HEAD SKIS - 190cm, boots size 7 1/2, poles, excel cond. Carol, Ext. 4398.

MUSKRAT COAT - full length, size 14, good cond. \$100. L. Kukacka, 473-1157.

WEEBLES TREEHOUSE - camping, playground set; Honey Hill dolls, all access; super size Barbie & clothes. Ext. 2340.

WIZARD OF OZ SET - incl dolls, Dorothy's home, tornado, Munchkin Land, Oz's castle & access. 475-5150.

RUBBER BOOTS - boy's steel shank, \$5; hockey skates, \$8 - both size 3; soccer cleats, size 5, \$3. Mickey, Ext. 3218.

BEDRM SET - headboard, dresser, mirror, chest, excel, \$120; Wilson golf set w/bag, \$35; must sell. 924-0581.

ATTENTION SEWERS - supplies: zippers, elastic, buttons, laces, trims, remnants of polyester & quiana, etc. 744-9468.

FREEZER - approx 15 cu ft, w/hse 20 yrs old, runs perfectly. \$10, you haul. Ext. 3712.

TRUMPET & CASE - excel cond, slightly used, great Christmas gift. Asking \$100. 878-1803.

CHRISTMAS TREES - live, blue/green spruce, 4'-14' dug & balled or cut while you wait. Jim, Ext. 4040, 286-0024.

SKIS - K-2 USA, fiberglass, 150cm w/Tyrola 120 bindings, excel cond. B. Locky, Ext. 4637, 692-8659.

T.C.R. RACE CAR SET - jam car, good cond. \$30. 281-4673.

SEWING MACHINE - 10 yr old portable Singer zig-zag, overhauled in 1978, well taken care of. \$75. Kathy, 472-3267.

DINETTE TABLE - formica top, steel legs. \$30. Ext. 7607.

VIP MEMBERSHIP - Holiday Spas, good Christmas gift, \$24 renewal, must sell. Al, Ext. 3284, 265-0540, 588-4703.

BEDRM SET - dbl dresser w/mirror, bachelor chest, night table, grey finish. \$80. 727-0115.

SUNFLOWER SEEDS - still avail, LI grown only. 2# pkg/\$1. 924-3236.

MINI BIKE - "Cheetah," Mercury clutch, new throttle, brakes & chain, 3 hp. \$125. 744-1429.

FRANKLIN STOVE - all cast iron, wood or coal. Cost \$400, will sell \$275. Bud, Ext. 3083.

MINI BIKE - 3 1/2 hp Chopper Trail, sissy bar, shocks, new clutch, 250-10 chrome wheels. \$150. 744-1429.

FUR COATS - brown sheared beaver, let out muskrat, both size 14, very good cond, very reasonable. 929-4540.

AIR COND - \$75; car top carrier, \$25; sponge matt; iron; gas & water cans; thermos; camping stove. Yosepha, Ext. 3403, 345-3079 eves.

CERAMIC PAINTS - "Mayco," 50% discount. 744-1429.

8MM MOVIE EDITOR - Cavalier Performer II, \$5; 4x4 sliver screen, foldup movie screen, excel cond, \$15; Bell & Howell Director series auto load 8mm projector w/zoom lens f1.2, excel cond, \$75. Chuck, Ext. 3254.

GIANT TINKERTOY - great Christmas gift. Only \$15. 473-2473.

LADIES GOLD BRACELET - & silver earrings, from Peru. For appointment, call 924-0960.

CANNONBALL HEADBOARD - twin, pine. \$25. Jerry, Ext. 3303.

PLUMBER'S PIPE THREADER - good cond. Best offer. Doug, 732-3549 eves.

4-DRAWER DRESSER - white w/gold trim, Danish Prov. \$50. 363-5303.

MEDECO LOCK CYLINDER - never used, \$20; (2) Honeywell dual setback thermostats, new, \$40 ea. 751-8141.

WOOD STOVE - med size Fischer air tight, used 1 winter. \$300. Ext. 4179.

CHRISTMAS ARTS & CRAFTS - Eico VTVM, \$8; Gerry kiddie carrier, \$5; 5-hole VW rims, \$4. Ext. 4463.

REVOLVING OFFICE CHAIR - good cond. \$25. Ext. 7503, 924-5507.

STD POODLE PUPPIES - snow white. Male, \$50; female, \$25. E. Edwards, Ext. 4027, 286-1121.

GAF SUPER 8 MOVIE CAMERA - no sound, excel picture, light, good Christmas gift. \$25. Chris, Ext. 4612, 281-7379.

FISH TANK - 55 & 30 gal glass w/stands, much equipment many fish, many access. 698-5832 after 6.

CLOSE CIRCUIT TV CAMERA - never been used, \$225 or best offer. Ext. 3284.

SEWING MACHINE - good condition, straight stitch, zig-zag. \$45. M. Rowe, Ext. 2345, 878-9384 after 6:00.

LADIES COAT - size 12, gray, like new; ladies' leather jacket, size 10, maroon. Chris, Ext. 2907.

GUITAR - Lafayette 12-string & amp. 654-5985 after 6.

WOOD S/S WINDOWS - 2 ea 28x43, 3 ea 36x43. \$4 ea. Bill, Ext. 3355, 472-4684 after 6.

SKI BINDINGS - Look Nevada, \$25; Riker Ski boots, size 9 1/2, \$25; both very good. Ext. 7698, 732-9102.

SCUBA EQUIPMENT - tank, reg, mask, 2 pr fins, snorkel, back pack, knife, weight belts, boots, hood, gloves, spear. \$175. 698-5832 after 6.

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

MEDFORD - close to LIE, mother/daughter, all newly remodeled on 3/4 acre incl building lot, upstairs 3 bedrms, DR/LR w/fp & w/w down stairs eik, 1 bedrm, L/R, sep elec & heat. \$53,000. 475-2769 after 5.

E. PATCHOGUE - south, .68 acre heavily treed, fenced, A-1 cape, fp, all appl, w/w, s/s, city water, new cesspool, lg scr porch, fin bsmt w/lanudry rm, huge gar. \$42,000 firm. 286-3580.

CALVERTON - sale/rent, 5 rm ranch, full basmt, eik, D/R, 32x16 in-ground pool, carport, circular driveway, landscaped 100x196 wooded, 5 appl, furn/unfurn. Hank, Ext. 3284, 727-7515 eves.

NO. PATCHOGUE - sale/rent, low cash over 8% mtg, quaint, 2 bedrms, ex lg country kit, full bsmt, patio, fenced yard, trees, s/s, low taxes. Ext. 7995, 473-7030 after 5:30.

MT. SINAI NO. - 3 bedrms, 2 baths, cedar shake ranch, full bsmt, gar, s/s, gas h/w heat, secluded on 1/2 acre w/lots of trees. Sacrifice at \$45,900. Ext. 7995, 473-7030 after 6.

For Rent

RIDGE - 2 mi from Lab, 3 bedrm cond, w/w, 5 appl, drapery, a/c, avail Jan. \$350 + elec. Ext. 3503, 924-7338.

SOUND BEACH - 2-3 bedrms, 1 1/2 baths, avail immed. Ext. 2926, 281-0268.

POCONOS - chalet, fp, sleeps 6, indoor pool, ski Tanglewood, snowmobile nearby. \$125/weekend, \$250/wk. Ext. 4551, 289-2159.

FLORIDA - Englewood, 3/4 mi from Gulf, yr round unfurn 2 bedrm, 2 baths, 2-car gar, a/c, avail Jan. \$400/mo. Ext. 3570, 744-9746 after 6.

WADING RIVER - secluded cottage, suitable single or couple, furn, grounds maintained. \$250/mo + util. Ext. 4684, 929-4530.

MOUNT SINAI - apt in secluded wooded area, 3 sm bedrms. \$275/mo. Ext. 4179.

NO. SHIRLEY - 3 bedrm apt(s) furn/unfurn, 524 Rowlinson Dr, only 3 mi from Lab. \$350/mo + util. Ext. 3856, 924-7804 to see, or owner at 215-866-8497.

MASTIC BEACH - avail Jan 1 or sooner, economical 3 bedrm ranch, 135x100, L/R, D/R, eik, gar, covered patio. \$300/mo, 1 mo security. Phil, Ext. 4173, 399-2070.

PATCHOGUE VILLAGE - spacious 2 bedrm apt, fenced yard, gar. 289-0012 after 6.

PORT JEFFERSON - 3 bedrm house, gar, refrig, fenced yard, dishwasher, like new, unfurn, water incl. \$425/mo. 821-0275 weekends or after 6.

Wanted

HOME - for Siberian Husky, AKC, 3 yrs. Anyone with sled team? Ext. 4050.

LOVING HOME - for thoroughbred Irish Terrier, spayed female, 4 yrs old, well trained, good w/ children. Lois, Ext. 2959, 751-1597.

AERIAL PHOTOGRAPHS - access to recent aerial photographs of LI wanted. Jerry, Ext. 2934.

MOTORCYCLES - bent or broken, any age, any cond. Kevin, 281-8031.

TRAINS - Marx, American Flyer, Lionel, Ives, especially keywind or steam. Al, Ext. 7772, 751-8462 after 6.

BASS - elec, excel cond, amp, case. Anne, Ext. 2466, 585-5870.

WHEEL - for 1972 Audi 100LS. Rich, Ext. 3381.

FEMALE DUTCH - for lonely male rabbit. Ext. 3799.

TOY DRIVE - & unneeded household goods for the needy. Ext. 3219.

HOUSEMATE - to share 4 bedrm, 3 bath house in Coram. \$155/mo + share util. Ext. 252