

the WINGFOOT CLAN

Goodyear Atomic Corporation

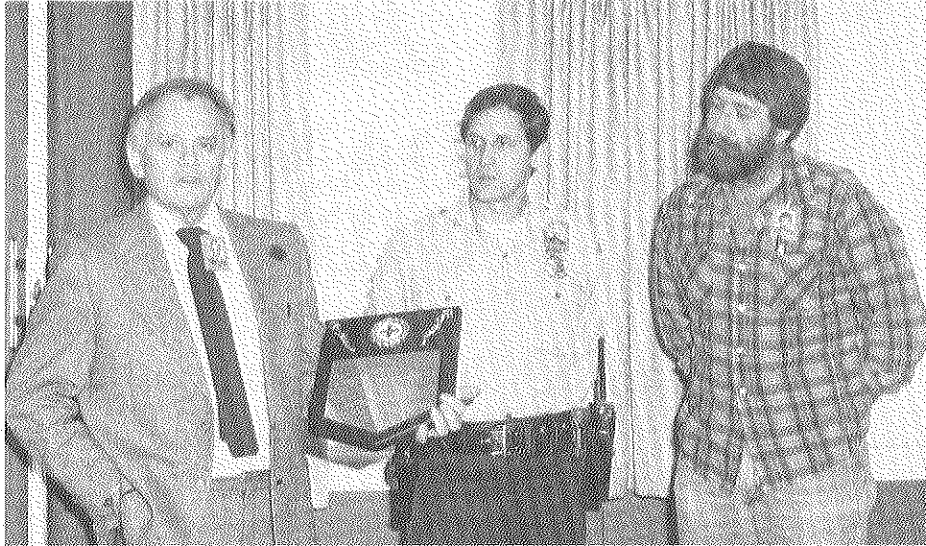
A Subsidiary of The Goodyear Tire & Rubber Company

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Piketon, Ohio

April 1984

Number 4



At the shift safety luncheon March 29, General Manager Nate Hurt announced that Goodyear Atomic had again won the Corporate Staff and Research Division award in Goodyear's Worldwide Safety Contest. The award recognizes the best safety performance among seven operating groups in 1983. With Hurt are UPGWA and OCAW safety representatives Bob Schmidt and Gary Pinkerman.

GAT repeats safety honor

Goodyear Atomic has earned its fourth consecutive annual Corporate Staff and Research Division Award in The Goodyear Tire & Rubber Company's Worldwide Safety Contest.

The most recent award recognizes company employees' awareness and concern for safety and the outstanding performance which was the result in 1983.

This was the eighth time GAT has earned the award over the past 10 years. Plant employees earned the top-ranking divisional safety honor for safety performance in 1974, 1976, 1977, 1978, 1980, 1981 and 1982.

The award reflects the lowest total incidence rate of injuries and lost-time days per 100 full-time employees during 1983 among seven operating groups in the corporate division, and is based on Occupational Safety and Health Administration (OSHA) rules.

"Safety First" is the rule, not the exception, at Goodyear Atomic, noted Nate

Hurt, general manager. "The corporation's safety statistics indicate that employees are concerned with, and involved in, safe practices. Each employee deserves congratulations for helping to achieve such a commendable record."

Prize forms due

The Safety Department's deadline for submitting Safety Incentive Award order forms to the prize vendor is May 31, 1984.

Therefore, employees are urged to select their award, complete the order form in the back of the booklet and submit the form to the Safety Department at least one week prior to May 31.

Order forms received by the vendor after this date will not be honored.

All awards are delivered on an individual basis, so the sooner you return the order the sooner your award will be shipped.

GRADUATE PORTRAITS

Sons and daughters of Goodyear Atomic employees or retirees who are being graduated from high school, college or technical schools this spring will be featured in the June Issue of *The Wingfoot Clan*.

Employees should submit billfold photos of graduates to Public Communication, X-100 Building, M/S 1220, by Friday, May 18. Multi-image portraits, prints with an extremely light or dark background, or very low contrast photographs prove difficult for reproduction in *The Wingfoot Clan* and WILL NOT BE ACCEPTED.

Information must be written lightly (in ink) on the back of portraits. This data is to include the graduate's full name and the name and type of school, as well as the first name, middle initial, last name and department number of the parent(s) working for Goodyear Atomic. The employee's MAIL STOP MUST BE INCLUDED in order for prints to be returned following publication.

CLEAN UP!

Housekeeping week is May 7-11

The general housekeeping of a plant goes hand in hand with its safety record, the quality and quantity of its production and the morale of its employees.

Employee health, morale and efficiency, as well as safety, are dependent to a large degree upon the condition of the areas in which we work. Everyone benefits from a clean work area.

Anyone, with a choice, would much rather work in a clean, neat and orderly place instead of one that is disorganized and cluttered and where general clean-up is neglected.

There can be no doubt that good housekeeping is a necessity to insure efficient operation of the Portsmouth Area Uranium Enrichment Plant.

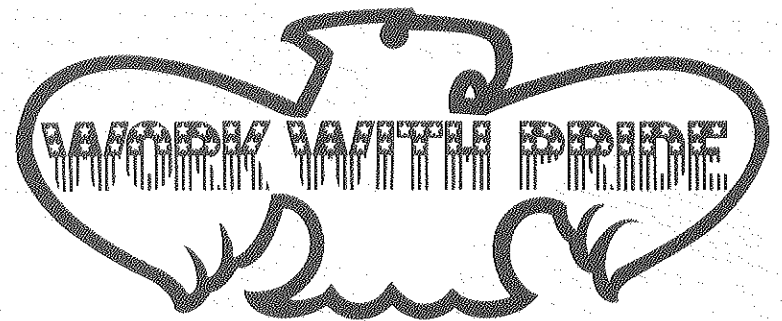
The week of May 7-11 has been designated as Spring "Clean Up!" Week. During this period, all GAT personnel are

urged to clean up their work areas. All areas should be cleared of excessive supplies and equipment. Tools, instruments and other items should be returned to their appropriate locations. Material contained in files should be reviewed against approved retention and disposal schedules.

However, good housekeeping should be more than just an annual project. It's an everyday job — a daily ritual — which requires that all employees be a little more conscious of clutter in their work areas and help keep them clean on a continuing basis.

Improvements in housekeeping will come only through cooperation and working together.

If you do your part and clean up your own work area, maybe the person next to you will do the same. Accept the challenge to make the plant clean, neat, orderly and efficient, and one in which we can all take pride.



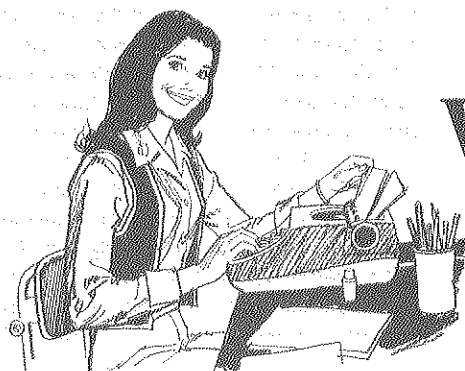
Help highlight talented people!

The employees of Goodyear Atomic possess a wide range of talents and skills, many of which are evident through the hobbies and outside activities they pursue— crafts, sports, civic work, etc.

The Wingfoot Clan office has a list of ideas for feature stories about such people. However, assistance from interested feature writers is needed in order to research and draft stories for *The Wingfoot Clan*.

The Wingfoot Clan is intended to be a publication for and about the employees of Goodyear Atomic. Please help us make the *Clan* more of an "employee" publication.

If you are interested in writing feature stories for *The Wingfoot Clan*, please contact Public Communications, X-100 Building, M/S 1220, extension 2863.



WANTED

Feature Writers



Kovac

Kovac appointed D-421 supervisor

Francis M. Kovac has transferred to Goodyear Atomic from The Goodyear Tire & Rubber Company as Supervisor, Traffic. He reports to Marvin R. Kennard, superintendent, Materials & Service.

Kovac joined The Goodyear Tire & Rubber Company in October 1965 in its Management Training Program. Following an assignment in Export Operating beginning in 1967, he served as a claims analyst from 1970 through 1972 and then Moving and Claims Coordinator for 12 years prior to his transfer to Goodyear Atomic.

A veteran of the U.S. Air Force, Kovac was graduated from the University of Akron in 1966 with a bachelor's degree in business.

Kovac has been heavily involved in Junior Achievement in Akron. He and his wife, Carolyn, have one son.



Tornado season

Don't forget that tornado season is approaching. Tornadoes can strike Ohio at any time, especially in the late afternoon on a hot spring day.

Know safe places you can take shelter, and what precautions to take. Conduct a "Tornado Drill" at home so that everyone in your family knows what to do if a tornado threatens.

FIVE GALLON CLUB

The following Goodyear Atomic, OVEC and other employees working at or retired from the Portsmouth Area Uranium Enrichment Plant have reached or exceeded the 40-unit donation level through the American Red Cross Bloodmobile Program and are members of the honorary "5 Gallon Club".

Name	Units
Roundtree, Neal T.	104
Bibbey, Edgar I.	96
Crull, Howard M.	95
Crabtree, Mary K.	84
Cravens, Paul E.	78
Knauff, Charles S.	74
Creech, James H.	72
Knittel, David L.	71
Orth, Thomas P.	67
Crisp, Donald L.	66
McCoy, Raymond L.	63
Vulgamore, Norbert J.	63
Delabar, John D.	62
Secrest, Clyde A.	62
Blaine, Roscoe M.	61
Kaufman, Mary A.	56
Sparks, Howard M.	56
Welch, William T.	54
Bell, Harold N.	51
Roe, Robert F.	51
Leininger, Harold D.	50
Stillwell, Charles W.	49
Hale, Alva T.	48
Sherrett, Howard C.	48
Snell, James A.	46
Gastelle, Don G.	45
Kelley, Harold E.	45
Trivisonno, Charles F.	45
Masters, William C.	45
Willis, Carl D.	45
Dixon, Edgar E.	43
Hoskins Jr., Ramey N.	42
Perroud, Paul L.	42
Bethel, Robert I.	41
Stubbs, Carol A.	41
Brown, Donald R.	40
Massey, Dennis E.	40
Towler, Gerald R.	40
Worthington, Carl C.	40

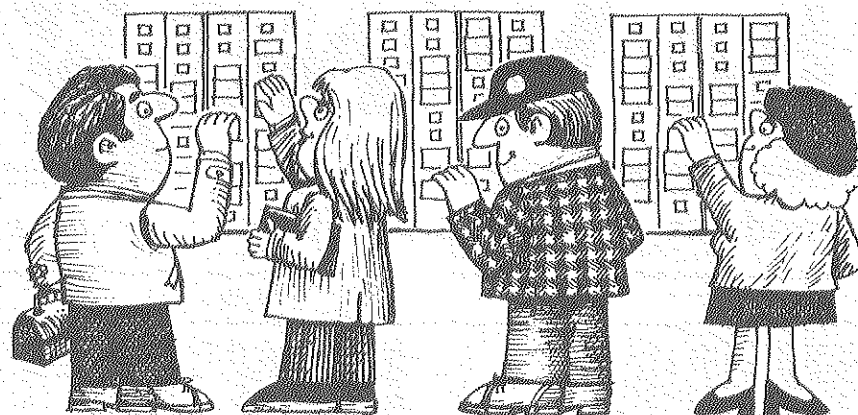
Medical — 1983

Continued upgrading of skills was the watchword of the Medical Department during 1983 as staff members spent more than 500 hours in various training classes.

A major step was accomplished in March 1983 when nine nurses completed a state-approved course and were certified as Emergency Medical Technicians-Ambulance. They, along with 26 state-certified firemen, brought GAT's total of EMT-A's to 37. With the addition of two new modern modular ambulances, the plant's emergency medical service was recognized by the State of Ohio.

Several new pieces of equipment were added to the hospital's diagnostic tools, among which were vision testing and eye glass lens analyzing machines.

During calendar year 1983, the Medical Department handled 23,052 visits to the hospital.



ATTENDANCE AWARDS

Maintenance earns division honors for employees with perfect attendance

Awards of Excellence have been presented to 425 Goodyear Atomic employees for their attendance records during calendar year 1983. This compared to 498 employees who qualified in 1982.

Those receiving awards had no chargeable absences during the year based upon eligibility criteria for the program.

The Maintenance Division again led the way with 125 employees receiving awards.

Good attendance is of paramount importance to Goodyear Atomic and its role in helping to insure that the United States remains at the forefront of the worldwide uranium enrichment industry.

How does an employee absence affect the responsibility assigned to Goodyear Atomic by the federal government?

Increased costs . . . from having someone else put aside their work to fill your vacancy.

Increased costs . . . from having to fill your job with someone of less experience, causing reduced output.

Increased costs . . . from complete loss of your normal output for the day.

Increased costs, which we can't afford in such a time of intense competition and loss of sales revenue in the uranium enrichment industry.

Highly skilled workers realize the importance of their jobs and of keeping their work up to date. Each GAT employee is important, and a vital link in a chain of efficiency designed to operate this plant in a cost effective and productive manner.

See you at work!

Retirees

Richard L. Settle, Waverly, Assistant Manager, Finance Division (D-741), will take normal retirement effective June 1 after 28 years of service.

Homer D. Smith, Latham, Foreman, Utilities Operations (D-852), will take early retirement effective June 1 after 30 years of service.

Hix M. Keys, Waverly, Foreman, Maintenance (D-711), will take normal retirement effective June 1 after 30 years of service.

James W. Stegman, Chillicothe, Engineer, Senior (D-563), will take early retirement effective June 1 after more than 31 years of service.

Thomas J. McGrail, Waverly, Supervisor, Maintenance (D-701), took normal retirement effective April 1 after more than 27 years of service.

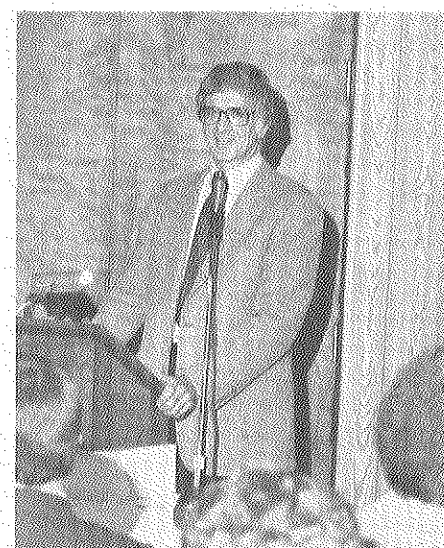
Robert F. Kaufman, Piketon, Maintenance Mechanic 1/C (D-714), will take early retirement effective May 1 after more than 31 years of service.

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GOODYEAR ATOMIC CORPORATION
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Banquet speaker

Dick Schafrath, former Cleveland Browns football player, was the featured speaker at the Employee Recognition Banquet March 10 at Waverly.

Letter highlights community service

The willingness of Goodyear Atomic to provide assistance to local communities in times of emergency was praised in a recent letter to General Manager Nate Hurt by Pike County Sheriff James G. Dixon.

The City of Waverly experienced a total power outage in the evening of March 27. Lacking back-up power, the Sheriff's Department had no way to dispatch its units or emergency personnel.

Shortly thereafter, Shift Superintendent Bill Welch assured the Sheriff's Department that GAT would help in any way possible and then immediately arranged to have two diesel generators transported to Waverly to provide emergency power for Sheriff's Department operations.

Normal power was restored quicker than expected, before the generators arrived, but it was comforting to Sheriff Dixon that the equipment would have been available.

"It is a good feeling to know that Goodyear Atomic is ready to assist the Community at any time, and since I have been in office, we have developed an excellent relationship with your people," Dixon said in his letter to Hurt.

"Please express my appreciation to your people, and should I or my staff be of any help to you, please do not hesitate to call," the letter concluded.

Safety recognition goes to "B" Shift for 1983 record

In special luncheons conducted March 29-30, the employees of "B" Shift were again recognized as the winners of the fiscal 1983 Shift Safety Award, repeating as the honorary shift from 1982.

Each shift employee received a rain jacket for taking part in the accomplishment.

W. T. "Buck" Schweinsberg is "B" Shift superintendent.

The employees of "B" Shift have earned the award four times over the past five years. In the 29-year history of the honor, "A" Shift has earned the award five times, "B" Shift seven times, "C" Shift 10 times and "D" Shift nine times. There were two ties.

Richard L. Shepler, GDP plant manager, commended each union safety representative for his dedication to safety. He also noted that input and assistance are needed from all employees for better and safer ways to do the job.

Nate Hurt, general manager, announced at the luncheon that the shift's dedication to safety contributed to the company's earning the Goodyear Research and Development Divisional Safety Award again. (Story in this issue).



Founder of modern trucking 'on the road again'

The Wingfoot Express, forerunner to interstate trucking begun nearly 70 years ago by Goodyear, is on the road again.

It has been re-created through the detailed restoration of an identical 1917 Packard truck.

Discovered frozen in a northern Minnesota swamp, the three-ton, Model E Packard required 400 hours of research and skilled craftsmanship to be brought back to life. Unlike the original, the restored version will travel nationwide in a custom 32-foot trailer, telling the history of trucking's early days and demonstrating Goodyear's continuing commitment to the trucking industry.

The rolling museum was restored for use by Goodyear's Truck Tire Marketing division, Public Relations and Advertising departments, according to Tire Division president Scott H. Buzby. It will be featured in various trucking association

events, antique car and truck shows, parades and other special events.

The Express is equipped with a sophisticated display that highlights yesterday, today and tomorrow in the trucking and truck tire industries, with a graphic representation of Goodyear's fuel-efficient, low profile radial truck tires and 21st century truck and tire package designs.

A driver knowledgeable in the mechanical workings of the truck and a public relations representative well-versed in the history of the Wingfoot Express will accompany the restored vehicle throughout its travels.

The original Wingfoot Express, conceived to prove the merits of the pneumatic truck tire, was the brainchild of Paul W. Litchfield, then Goodyear plant manager and later board chairman. He suggested that trucks rolling on pneumatic tires could travel the 1,480 mile round-trip from

Akron to Boston, thus freeing the truck from its limited intracity duties.

On April 9, 1917, the Wingfoot Express left Goodyear's garage on East Market Street bound for Boston. After numerous obstacles were conquered, the mud-encrusted Express finally returned 28 days later.

During its trailblazing trip, the Express carried no cargo, except for spare tires, extra gas, oil and water, and a compressor. Data collected during that inaugural trip led to improvements in tires that helped reduce subsequent one-way trips to just seven days.

Later trips employed seven Wingfoot Express trucks. They carried tires to Goodyear dealers in the Boston area, or shoe soles for New England footwear makers, bringing back tire fabrics from a Connecticut mill.

In 1918, Express trucks carried Boy Scouts on a 3,000-mile excursion along the East Coast without a single tire failure.

During World War I, the Wingfoot Express carried Red Cross supplies from Chicago to transport ships in Baltimore. That same year, the Express also made the transcontinental trip from Boston to San Francisco in just 14 days.

As loads got heavier, Express trucks were fitted with large tires, which raised the truck bed above loading dock levels. To remedy this, later Express trucks returned to the smaller tires but on greater load-bearing tandem axles, another Goodyear innovation.

After nearly 10 years of service proving the utility of pneumatic truck tires in interstate trucking — literally re-inventing the truck in the process — the Wingfoot Express was retired in 1926.



Award to "B" Shift

Dick Shepler, GDP plant manager, presented the shift safety award for 1983 to W. T. "Buck" Schweinsberg, "B" Shift Superintendent representing the employees whose safety awareness resulted in the shift's seventh time to be honored.

Safety excellence

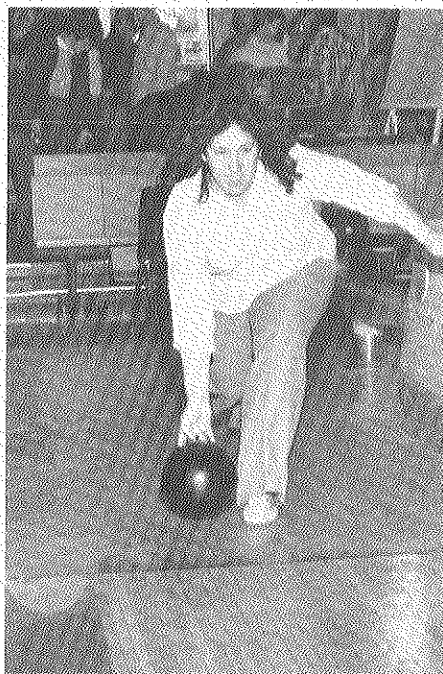
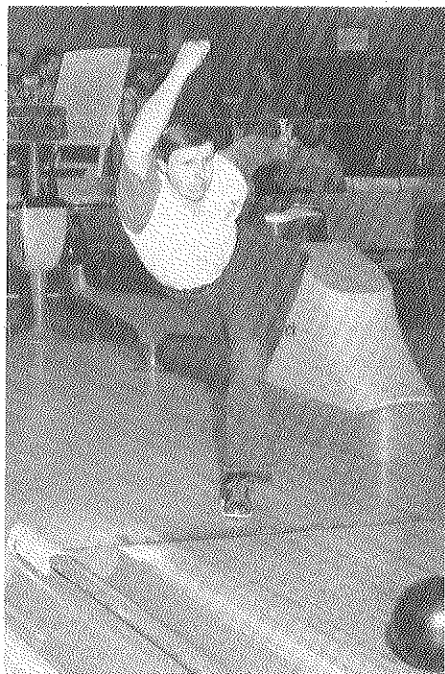
Goodyear Atomic Corporation's 1983 safety record was more than 30 percent better than the safety goal established for the year. Its occupational injury rate reflects a safety record nearly four times better than the chemical industry and more than eight times safer than industry in general.

These outstanding results were achieved because of the excellent cooperation and support of all employees. Although the company is always looking for ways to improve its safety record, these results clearly indicate that Goodyear Atomic is one of the safest industrial operations in the country.



Generation gap

A new rolling resistant, long-wearing Goodyear G159 truck tire is compared by Wingfoot Express driver Ed Lowdermilk with Goodyear tires cured in 1943. The World War II vintage products are on Goodyear's recently restored 1917 "originals" that proved the value of pneumatic truck tires are made. In the photograph on Page 3, the restored Wingfoot Express cruises the backroads of northern Ohio on its first "shakedown" run.



Bowling champions

Sandy Murta and Dan Gash became the 1984 women's and men's bowling champions following tournament activity March 3 at Sunset Lanes in Portsmouth. Runners-up were Alene Weiss and Cliff White. Fifteen bowlers competed for each title. Eligibility was determined following singles and doubles competition in February.

Recreation Corner

*The 1984 Goodyear Atomic Summer Outing has been scheduled for Saturday, Sept. 8, at Camden Park near Huntington, W. Va. More information will be forthcoming through *The Wingfoot Clan*, the Atomic Employee Newsletter and plant bulletin boards.

*Cedar Point "Good Any Day" tickets will be available soon from members of the Employee Activities Committee (EAC). Regular gate price is \$12.95. The Goodyear Atomic employee price is \$11.00. Children four and under will be admitted free of charge. Cedar Point is open from May 12 through Labor Day. More information will be available soon in the "Employee Activities" section of plant bulletin boards.

*Sea World "Good Any Day" tickets are available from Doug Fogel, EAC member, or Elaine Litten, EAC Coordinator. Sea World at Aurora is open from May 19 through Sept. 9. Regular gate price is \$10.95. The GAT employee price is \$8.50 for adults and \$7.50 for children ages 3-11. Children under three are admitted free of charge.

As a matter of nuclear fact

If electricity demand grows an average of 3.5 percent annually between now and the turn of the century, and utilities undertake a moderate program to replace generating plants that are more than 40 years old and some uneconomic oil- and gas-fired plants, the U. S. will need 379,000 MWe of new generating capacity. An intensive effort to replace aging plants and uneconomic oil- and gas-fired units by the end of the century would boost the amount of additional generating capacity required by the year 2000 to 454,000 MWe.

The 3.5 percent growth in electricity generation in 1983 over 1982 was almost double the growth projected by the Edison Electric Institute. And the peak load for U.S. utilities grew 7.5 percent in 1983 — two-and-a-half times the EEI's forecast. Two areas of the U.S. showed peak load increases of more than 11 percent during 1983. The reason for the dramatic upsurge in electrical demand? Economic recovery was much stronger than most experts anticipated and the weather set records for both heat and cold.

One measure of the performance of electric power plants is the forced outage rate, the amount of time a unit is forced off line by an operating problem. During the 10-year period 1972-1981, nuclear plants and fossil plants had nearly equivalent forced outage rates, with the rate for nuclear lower in five of the years and the rate for fossil units lower in five of the years.

The licensing delays resulting from the Three Mile Island accident have greatly lengthened the lead time for nuclear plants. Nuclear plants licensed to operate in the 1970-1980 period took an average of 77 months from issuance of a Construction Permit (CP) to issuance of an Operating License (OL). For the post-TMI group, the average was 99 months.

Mixed doubles

With a score of 1243, Jean Ashbaugh and Tim Burton were the winners of the Goodyear Atomic Mixed Doubles bowling tournament completed March 24 at Weiss Recreation Center in Waverly.

Others completing the top six were Pat Bell and George Sargent (1238), Edith Dewey and Jim Harshman (1227), Sherry Dewey and Fred Mellinger (1209), Wendy and Jim Sevens (1201), and Elaine Litten and Dave Gearhart (1194).



The risks of exposure to radiation are well publicized, but far less well known is the extent to which modern society relies on radiation to cure cancer. One third of all cancer cures in the United States result from radiation treatments.

An estimated 4,500 windmills have been built in California since 1981 at a total cost of more than \$400-million, because a combination of federal and state tax laws have made them "perhaps the juiciest tax shelter in the land." They produce electricity at a cost including capital investment of 12 cents to 15 cents per kilowatt-hour, compared to capital and production costs of about 4 cents a kilowatt-hour for coal and about the same for nuclear at today's construction costs.

"Fuel switching — substituting coal, gas, or nuclear power for oil — is another habit that has taken hold with higher OPEC prices. By one estimate, the switching just since 1979 currently saves five million barrels of oil a day in the non-Communist world, and the savings will increase. Coal consumption is projected to grow about 3% a year and natural gas 2% in the 1980's. The use of nuclear power, starting from a small base, will increase 11% a year — 8% in the U.S., 12% in other industrialized countries, and 22% in the developing world."

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