

# AEC Abolished; ERDA And NRC Established

President Ford signed H.R. 11510, which established the Energy Research and Development Administration. This new executive agency will consolidate the Federal energy research and development efforts of four existing agencies, the Atomic Energy Commission, Interior Department, National Science Foundation, and the Environmental Protection Agency. ERDA will be the central energy research and development agency with a broad charter to develop new and improved energy sources and utilization technologies consistent with sound environmental and safety practices.

Such technologies will cover a broad range of energy sources including fossil, nuclear, solar, geothermal and advanced as well as conservation research and development. ERDA will provide a sound organizational framework and management and technical expertise to achieve the Nation's research and development goals in the energy area.

## ERDA Responsibilities

ERDA will have a central role in the planning and management of the Administration's accelerated five-year, \$10 billion plus energy research and development program. Major responsibilities will include:

- ★ Exercising central responsibility for policy planning, coordination, support and management of research and development respecting all energy sources and utilization technologies.
- ★ Encouraging and conducting research, development and demonstration for extraction, conversion, storage transmission and utilization energy phases.
- ★ Engaging in and supporting environmental, biochemical, physical and safety research.
- ★ Participating in and supporting cooperative research and development projects.
- ★ Developing, collecting, distributing scientific information.

## Agency Transfers to ERDA

The bill provides for the transfer of the following agency functions to ERDA:

- ★ All of the functions, authorities and resources of the Atomic Energy Commission, except the AEC's licensing, regulatory and related environment and safety functions. Functions transferred to ERDA from AEC will include nuclear materials production, reactor development, military applications, physical research, biomedical and environmental research, controlled thermonuclear research, non-nuclear energy R&D and other non-regulatory functions.
- ★ From Interior, the functions of the Office of Coal Research, six energy research centers of the Bureau of Mines, the synthane pilot plant for high BTU coal conversion at Bruce-ton, Pa., and underground power transmission research and development.
- ★ From the National Science Foundation, programs for solar heating

and cooling development and geothermal power development.

★ From the Environmental Protection Agency, research, development and demonstration of alternative automotive power systems except those programs relating to assessment or monitoring for regulatory purposes.

The Administrator (Level II) will review alternative concepts and set program priorities among alternative technologies. The Deputy Administrator (Level III) will assist the Administrator in the conduct of the agency's business. The Assistant Administrators will sponsor technologies in the process. The ERDA Administrator will be supported by a strong and independent staff at the headquarters level. A great deal of flexibility will be available to the Administrator to carry out needed R & D programs.

There will be six Assistant Administrators, each responsible for a major program area as follows:

- ★ Assistant Administrator for fossil energy — Responsible for developing new and improved technology for the production and utilization of fossil fuels including coal, oil, oil shale, gas, etc. Significant programs include coal liquification, coal gasification, oil shale transformation, control technology.
- ★ Assistant Administrator for nuclear energy — Responsible for developing nuclear technologies including fission and fusion. Major programs include reactor research and development, naval reactors, reactor safety research, thermonuclear fusion research.
- ★ Assistant Administrator for environment and safety — Responsible for environmental and safety oversight for all technology developed by ERDA. Major programs include biomedical and environmental research, waste management, transportation, operational safety programs.
- ★ Assistant Administrator for conservation — Responsible for conservation R & D programs including automotive power systems, end-use consumption technologies, and improving energy efficiency.

★ Assistant Administrator for solar, geothermal and advanced energy systems — Responsible for developing energy source and utilization technologies including solar, geothermal, conducting physical research, and advanced energy conversion concepts.

★ Assistant Administrator for national security — Responsible for nuclear weapons research, development and production including the production of weapons materials and the testing, manufacture, and reliability assessment of weapon components and systems.

## Nuclear Regulatory Commission

The current Atomic Energy Commission will be abolished and a new five-member Commission will be established with responsibility for the licensing, regulatory and related functions of the AEC.

The Nuclear Regulatory Commission will be organized into three offices reporting through an Executive Director of Operations:

- ★ Office of Nuclear Reactor Regulation will have the principal licensing and related regulatory responsibilities for the construction and operation of commercial nuclear reactors.
- ★ Office of Nuclear Material Safety and Safeguards will have the principal licensing and related regulatory responsibility for all other nuclear facilities and overall nuclear materials including its processing, handling and transportation.
- ★ Office of Nuclear Regulatory Research will be responsible for conducting research in the form of a confirmatory assessment of technology relating to reactor safety, safeguards, and environmental protection in support of the licensing and regulatory process.

The establishment of this new independent regulatory commission will maximize regulatory objectivity and impartiality, thereby increasing public confidence in nuclear regulations. NRC will enhance the orderly development of the nuclear industry and at the same time assure protection of the public health and safety in civilian nuclear activities.

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## ERDA Administrator Named

# Dr. Ray Moves To State Dept.

President Ford on October 29 announced his intention to nominate three candidates for important public office. He intends to nominate Dr. Dixy Lee Ray to be Assistant Secretary of State for Oceans, and International, Environmental and Scientific Affairs.

Dr. Ray has served as Chairman of the Atomic Energy Commission since February, 1973 and has been a member of the AEC since August, 1972. She came to the AEC from Fox Island, Washington, where she was Director of the Pacific Science Center and Associate Professor of Zoology at the University of Washington.

She has served on many scientific boards and commissions, including the Washington State Oceanography Commission and Oceanographic Institute; the Planetary Sciences Corporation, Inc.; the Committee on Public Understanding of the Sciences; the Committee of Corresponding Consultants for the World Report on the Environment; the Puget Sound Oceanographic Study Committee and the President's Task Forces on Oceanography.

Dr. Ray has published numerous articles and scientific papers on marine biology and holds many honors in this field. She received the William Clapp Award in Marine Biology (1959), was a foreign member of the Danish Royal Society for Natural History (1963), and was named Maritime Man of the Year in 1966.

Corresponding with the establishment of ERDA and NRC, the President intends to nominate Dr. Robert C. Seamans, Jr., of Washington, D.C., to be Administrator of Energy Research and Development and William Alison Anders to be a member of the Nuclear Regulatory Commission. The President also announced that he would designate Mr. Anders Chairman of the NRC upon his confirmation as a member. The President has also asked Mr. Anders to participate in recommending nominees for the four other seats on the NRC.

Since May 15, 1973, Dr. Seamans has served as President of the National Academy of Engineering. From February, 1969 to May, 1973,

he was Secretary of the Air Force. In 1968, he was appointed a visiting professor at the Massachusetts Institute of Technology. From 1960 to 1968 he was an Associate Administrator of the National Aeronautics and Space Administration. He also was a member of the Scientific Advisory Board from 1959 to 1962 after serving as an associate advisor to the Board.

Since 1973 Mr. Anders has been a member of the Atomic Energy Commission after serving from 1969 to 1973 as Executive Secretary of the National Aeronautics and Space Council. In 1964 he joined NASA and assumed engineering responsibilities in conjunction with the Gemini and Apollo spacecraft projects.

## Check Cashing Eliminated

# Credit Union Declares Dividend

The regular 6% annual dividend, plus a 1/2% annual bonus, for the period June 1 - November 30, 1974, was paid all eligible shares and credited to each share account as of December 1, 1974. In addition, the Board of Directors voted at their December meeting to pay a rebate of 10% of the interest paid during 1974 on all personal loans. This rebate will be figured and credited to each share account in February.

The Board also decided at their December meeting that the Credit Union would discontinue cashing pay checks. This change in policy

will be effective February 1, 1975, so that members who have been cashing checks can make other arrangements.

The annual meeting of the Credit Union will be held on Sunday, January 26, 1975, at 2:30 P.M. in the Waverly High School Auditorium. There are three members of the Board of Directors and two members of the Credit Committee to be elected. Other business will include various reports and other information. There will be door prizes and light refreshments after the meeting.

## Three Employees Retire



Trowbridge

Howard

Mullins

Maurice Trowbridge, Assistant Supervisor of Office Services, retired with over 21 years of service. Richard Howard, with over 20 years of service, retired from Utilities Maintenance where he was a maintenance mechanic. Robert Mullins left GAT's employ from Janitor Services after 19 years of service. All three retired for health reasons on December 1.

APPROVED FOR RELEASE BY:  
M. M. Barnhardt

# 1974 IN

As 1974 came to a close, the major news media were calling it "a year upon which the future will be built." There were many negative aspects for which it will be internationally remembered. However, at Goodyear Atomic it was definitely a year of preparation for future increased productivity.

The Cascade Improvement Program (CIP) took another giant step forward during 1974. The \$16,351,000 Production Support Facilities (PSF) Program is now 75% complete and scheduled for completion in June, 1975. The \$243,549,000 Process Equipment Modification Program (PEMP) is proceeding on schedule. Four cells have been modified to date under this program, which is scheduled for completion in FY-81.

Procurement is in progress for the \$84,000,000 Cascade Upgrading Program (CUP). This program involves the on-site upgrading of switchgear and process transformers, and the rebuilding of the process motors for 110 cells.

Thirty-eight construction subcontracts for more than \$5.3 million were awarded during the year. Of this amount, over \$1.5 million was for five subcontracts involving the Plant Liquid Effluent Pollution Control Project, which began during the year.

Safety takes the highest priority at our plant and the programs which have been successful were continued. In addition, two new and comprehensive programs were added. A respiratory protection facility for training and fitting employees who, by our strict standards, require respirators was put in operation. A job safety analysis program, started late in the year, will review the safety aspects of most jobs during 1975.

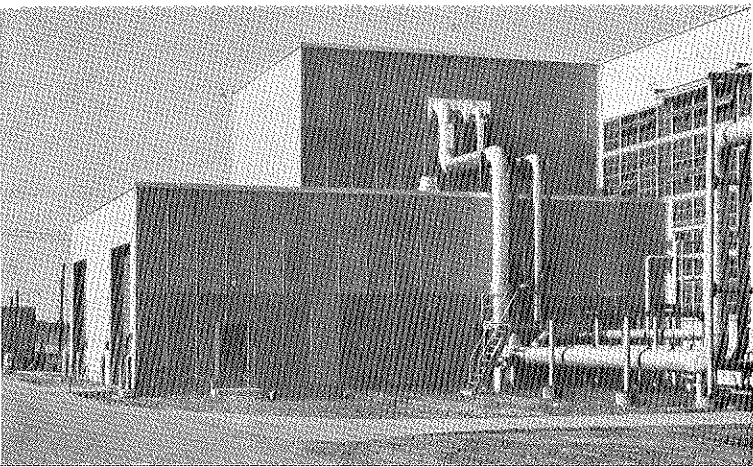
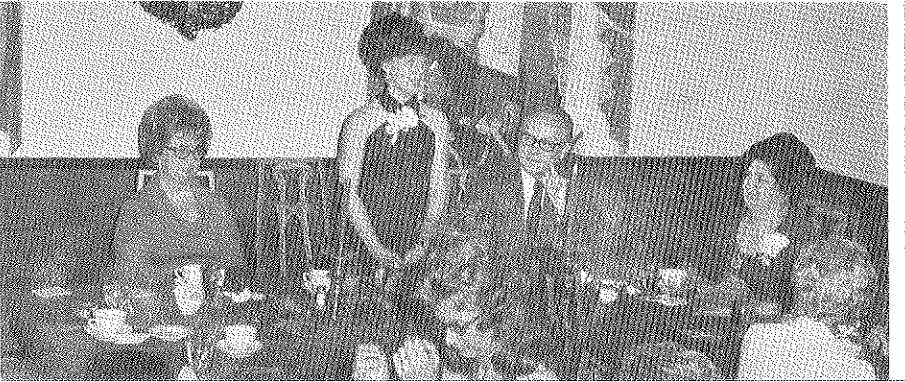
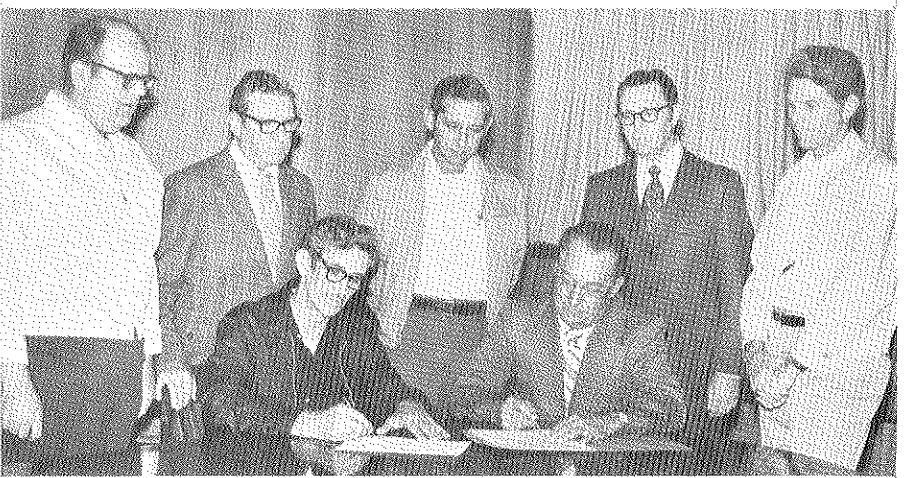
GAT maintained its high standards of environmental protection. The engineering, procurement, and construction is progressing on our system that will remove chromium and other metals from waste cooling water. Funds have been approved for and the engineering has been completed on a holding pond which will detain waste waters on the north end of the plant.

Our nation's energy needs and resources have had a significant impact on our economy, as evidenced by President Ford's combined monetary and energy discussions which have recently been held. Goodyear Atomic's product can generate more than 25 times as much power as is used in enriched uranium production. In addition, our energy conservation committee has been very successful in taking necessary steps to cut down energy use in non-production areas.

The power level was at 1000 megawatts at year's end and had fluctuated for a variety of reasons during 1974. Previous commitments by the Atomic Energy Commission to Ohio Valley Electric Corporation call for increases to 1300 MW on February 1, 1975, and to 1600 MW on October 1, 1975. Further commitments will move GAT to the 1900 MW level on July 1, 1976, and 1990 on February 8, 1977.

Following the formalization of GAT's Quality Assurance Program the QA Committee felt that additional emphasis should be given to the importance of quality work. During 1974, QA seminars were presented to all GAT employees to make them more aware of the important role they play in the achievement of our quality goals.

Goodyear Atomic is committed to reducing the costs of operation while increasing the efficiency with which we work. Through its Cost Reduction "I"dea Program, the Company continued to encourage employee participation in costs-saving efforts. During 1974, nearly 100 cost reduction "I"deas were submitted.



# REVIEW

The Oil, Chemical and Atomic Workers International Union and its affiliated Local No. 3-689 engaged in the longest work stoppage in GAT history. The strike, which started May 2, and continued until August 8, was the result of a rejection of the Company's offer concerning the 1974 wage reopener in the 1972 labor contract. The final settlement provided a 12 percent across-the-board increase to all OCAW classifications. In addition, it provided for the upgrading of certain skilled maintenance classifications and a four-cent-per-hour adjustment for designated operator classifications. The return to work process was accompanied by a minimum of difficulty.

The United Plant Guard Workers of America and its Amalgamated Local No. 66 reached an agreement on wages on August 20, 1974. Continued good relations have been maintained on issues of mutual interest.

Employees and the Company showed their interest for supportive agencies in our communities by contributing a record \$44,049.10 to local United Funds. Total contributions this year exceeded last year's total by 18%.

The major news story of our parent organization, The Goodyear Tire & Rubber Company, involved the retirement of Chairman of the Board Russell DeYoung and the naming of Charles J. Pilliod as his replacement. In addition, John H. Gerstenmaier was named President replacing Pilliod. At GAT the retirement of R. M. Rutherford and the promotion of C. A. Mentges in his position as Production Division Manager highlighted our plant's personnel changes.

The various plant improvement programs such as CIP, CUP, and PEMP caused significant increases in employment and training activities. New employment requirement of 383 employees during the year brought the total payroll to 1885 at year's end. Openings for skilled craftsmen and personnel in selected technical and engineering fields still exist. Training for production and maintenance personnel continued. Two classes of apprentices have now completed their four-year training program. Pre-employment training for our Production Division's operator-in-training classifications were established and coordinated with Scioto Technical College. Goodyear's Educational Assistance Program continued to provide an excellent benefit for our employees.

During the calendar year 1974, there were 89 minorities and women added to the Goodyear Atomic payroll. There were 63 promotions made of minorities and women in the same period.

At the close of 1974, 52 licensed nuclear power units are in operation, with a capacity of 35,000 electrical megawatts, an increase in capacity of nearly 300 per cent in three years. Today's nuclear capacity represents more than 7.5 per cent of the nation's total generating capacity.

There are also 74 nuclear units authorized to begin site work or under construction, with an aggregate capacity of 74,000 electrical megawatts, and an additional 108 units under construction permit review, ordered or publicly announced with a capacity of 124,000 megawatts. This would bring the total to 234 units, with their total generating capacity of 233,000 megawatts, which is equivalent in energy to 2.5 billion barrels of oil or 700 million tons of coal.

GAT experienced another outstanding year in the shipment and production of enriched uranium. Approximately \$127 million of separative work was shipped during the calendar year. 1974 was a record year for off-site shipments, since \$139 million of last year's \$250 million total was for the in-place Japanese order.



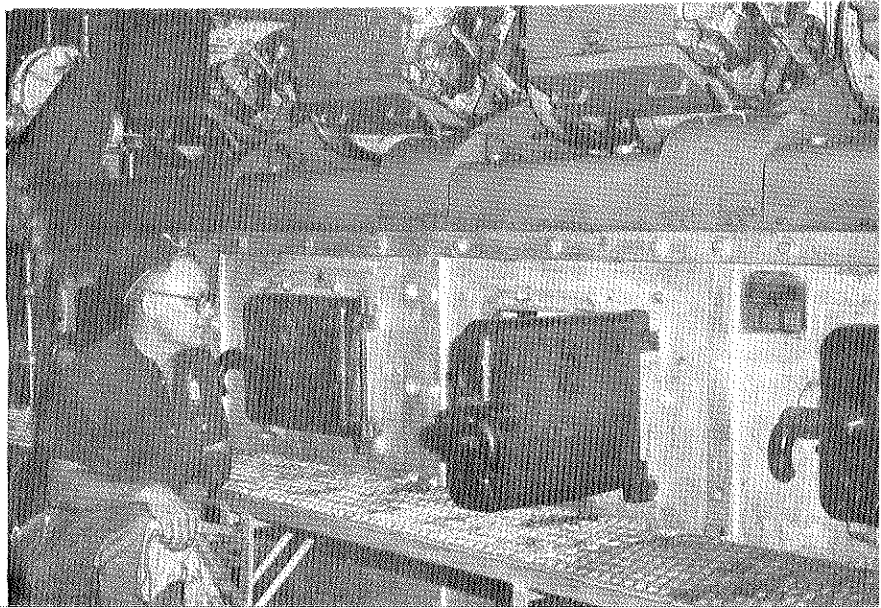
## Picket Lines Peaceful:

### Union On Strike At Atomic Plant

Members of the Oil, Chemical and Atomic Workers Union failed to reach an agreement with the company Thursday after GAT and the union failed to reach an agreement with the company Thursday morning when union members voted 349 to 327 to ratify an agreement with the company reached in Washington two weeks ago.

### Strike Ends At Goodyear

The 14-week old strike by members of Local 3-689, Oil, Chemical and Atomic Workers Union against Goodyear Atomic Corp. ended last Thursday morning when union members voted 349 to 327 to ratify an agreement with the company reached in Washington two weeks ago. The settlement, which was effective immediately, provides for a 12 percent across-the-board increase to all classifications represented by the Union. In addition, it provides for the upgrading of certain skilled maintenance



# Arbitration Results Received

## GRIEVANCE III-53-72

**Facts and Contentions:** The grievant was employed by the Company on February 13, 1970. Following progressive discipline, he was discharged on June 26, 1973.

As a result of this discharge, the matter was submitted to arbitration and on September 13, 1973, Arbitrator Marlin M. Volz reinstated the grievant to his former job without loss of seniority but without back pay after hearing all of the evidence regarding the grievant's past conduct while at work.

Subsequent to reinstatement, the aggrieved was issued a final warning letter for taking an excessive coffee break. The events which occurred on March 28 and 29, 1974, precipitated the second discharge of the grievant.

In view of the above, it must be the finding of this Arbitrator that there was ample ground for the Company to act. Its actions are deemed to have been proper; therefore, the discharge of the grievant must stand.

## GRIEVANCE II-83-72

**Facts and Contentions:** The Company admittedly misapplied the overtime procedure, Article X, Section

11. The Company says that the supervisory error was not capricious or intentional, that the grievant suffered no monetary loss and that the overtime was worked within the grievant's department.

Conversely, the Union contends that the contract gives the Company sole responsibility for the distribution of overtime; therefore, the Company must also accept blame for all procedural errors in the assignment of overtime.

**Discussion:** The facts in this grievance show that the most low houred man in Department 814 was not offered the overtime opportunity which was to be worked on November 10, 1973. After a careful review of the evidence, the Arbitrator finds that the circumstances do not constitute "good reason" to deviate from the requirements of Article X, Section 11 (a) which requires the Company to offer the most senior low houred man the overtime here.

The Contract calls for the supervisors to keep overtime lists arranged by seniority, and the contract is explicit in stating that the overtime assignment will be offered to the most senior low-houred man.

## GRIEVANCE II-90-72

**Facts and Contentions:** On November 30, 1973 the Union filed a grievance stating that the Company violated Article XI, Section 2 when it failed to pay the top of the rate range to qualified employees certified to perform all duties of Labor Grade 15.

The Company denied the grievance claiming that no contract provision was violated. The Company alleges that certification of employees, showing that they successfully completed the "PFO-Training Program," does not mean automatic movement to the top rate of Labor Grade 15.

**Discussion:** The grievance in this case must be denied. Nothing contained in Article XI, Section 2 requires the Company to slot certified employees, who completed their training program, to the top of the rate range. Section 2 provides only for an automatic rate increase from the starting rate of the job and progression to the top of the range during specific periods.

## GRIEVANCE II-102-72

**Facts and Contentions:** The facts in this case are not in dispute. On January 25, 1974, the grievant, W. E. Smalley, worked his regular 8:00 to 4:00 shift. He was to have been relieved at 4:00 p.m. by employee Skaggs. However, since Skaggs was detained in the Company hospital, he was unable to relieve the grievant. In the meantime, the grievant had to stay over until 4:12 p.m.

The Company contends that because employee Skaggs was tardy in relieving the grievant on the day in question, the four hours pay provision is not applicable.

**Discussion:** The evidence also showed that the doctor, the day before, had asked Skaggs to return on January 25, 1974 for an examination before he reported for work. The consequences of this requirement were that the grievant was not relieved through any fault of absence or tardiness of another employee.

It is the finding of this Arbitrator that the grievant was required to work overtime beyond the end of his scheduled shift and that event was not generated by the tardiness of Skaggs.

# People On The Move

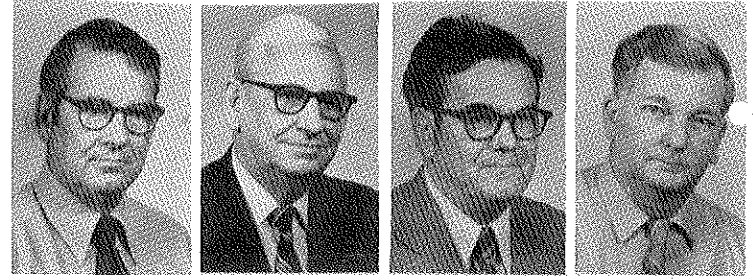


McDermott

Sanders

Dalton

Tackett



Johnson

Glover

Nunn

Merrill



Martin

Owens

White

Adams

December marked a change in job duties and responsibilities for several GAT employees.

In the Plant Engineering and Maintenance Subdivision, R. D. McDermott was appointed to the position of Supervisor, Shops Maintenance. He will be responsible for all shops maintenance activities of the 720 Subdivision departments located in the X-720 Building. Mr. McDermott will report to J. N. Buckner, Superintendent, Shops Maintenance. G. L. Sanders and E. M. Dalton were named to the position of General Foreman, Maintenance in the X-700 Converter Shop. Both will report to J. N. Buckner, Superintendent, Shops Maintenance. F. Tackett advanced from Welder 1st Class to Foreman, Maintenance in the X-720 Weld Shop.

G. F. Johnson was promoted to General Foreman, Electrical Maintenance, D-711. In his new position he is responsible for the cascade upgrading electrical work in addition to the regular electrical maintenance in the X-330 and X-333 process and auxiliary buildings. Mr. Johnson will report to Q. England, Supervisor, Electrical Maintenance. J. Glover, Electrician 1/C, was named Foreman, X-330 Electrical Maintenance. W. D. Nunn was advanced to General Foreman, Instrument Maintenance, D-712. Mr. Nunn will be responsible for the instrument maintenance activities in the X-326 Process Building, Electronic, Utilities and Mechanical Shops, X-720. He will report to D. C. Pate, Supervisor, Instrument Maintenance. J. B. Merrill, Instrument Man 1/C, was promoted to Foreman, Instrument Maintenance.

In the Production Division, R. S. Martin was assigned to staff responsibilities in Cascade Operations, D-810; R. L. Owens was promoted to Cascade Coordinator, "B" Shift, D-817; H. L. White was named Foreman, Process Area "A" Shift, D-812; and R. C. Adams advanced to Foreman, Process Area "C" Shift, D-814.

# Social Security Increase Set

Beginning Jan. 1, Social Security taxes will be levied on \$14,100 of each wage earner's income, up from the present \$13,200 ceiling. There's no change in the tax rate of 5.85 per cent.

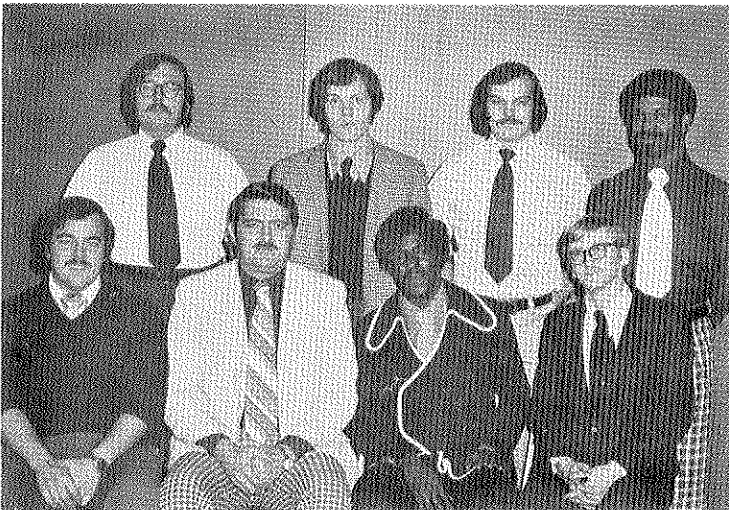
For those who earn \$13,200 or more in 1975, each will pay a maximum of \$52.65 more next year, for a new maximum of \$824.85. Good-year must match employe contributions dollar for dollar.

The new income ceiling takes effect automatically under a formula provided in Social Security legisla-

tion enacted in 1972 and 1973.

Retirees can earn additional money in 1975 without losing any Social Security benefits. A retiree can earn \$2,520 from outside wages without losing any of the present Social Security payment, up from \$2,400.

For any earnings over \$2,250 a recipient will lose 50 cents in Social Security payments for every \$1 earned in outside wages. However, full benefits will be paid for any month in which the recipient earned less than \$210, an increase of \$10 over the present limit.



These graduating apprentices have completed a four-year course of classroom study and on-the-job training experience. The Ohio State Apprenticeship Council, from whom the apprenticeship certificates are obtained, sets the requirements in the skilled crafts which have apprentices on our plantsite, which are: electricians, instrument men, machinists, maintenance mechanics, and a three-year welding program. These employes are qualified journeymen in their respective classifications and are qualified as first class. They are from left to right, (1st row) Richard Chemas, D-712; Michael Bartley, D-721; William Ross, D-712; Timothy Hart, D-721; (2nd row) John Maple, D-711; Mark Tindall, D-721; Timothy Jayne, D-712; John Steward, D-711.

## In Memoriam

Robert Haws, who retired October 1, 1974, died November 23, 1974, after an extended illness at Mercy Hospital in Portsmouth, Ohio.

## CLASSIFIEDS

### For Sale

1971 Dart Swinger. Dark blue, black vinyl top. 23,000 miles. Six-cylinder automatic. Vinyl bench seats. Call (Jackson) 286-1537 after 5 p.m.

Unisonic 757 Calculator, Battery or electrically operated, carrying case, brand new condition, approximate size 5"x7", equipped with memory. Sold new for \$90 will sacrifice for \$60. Call 259-4071 (Portsmouth) after 4:30 p.m. or on weekends.

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