GOODYEAR ATOMIC CORPORATION
PIKETON, OHIO

# GAT Management NEWSLETTER

Editor - John Gedeon

EMPLOYMENT: Salary - 1330
Hourly - 1657

R. L. DUFFEY
ENGINEERING

D-611
A-100

October 31, 1977

ON OCTOBER 1, 1977, ERDA became a part of the Department of Energy (DOE). The bill establishing the Cabinet level Department was signed by President Carter on August 4, 1977. James R. Schlesinger was sworn in as the agency's first Secretary the following day. The gaseous diffusion plants will be under the Assistant Secretary Resource Applications. ERDA was one of the three agencies which were restructured in their entirety (8,852 persons) under DOE. The other two were the Federal Energy Agency and the Federal Power Commission. Units of five other federal agencies were also restructured in the reorganization.

A SIGNIFICANT natural gas discovery has been made in Ohio by Goodyear in a geological formation that has never before produced a commercially successful well. Open flow readings on a wildcat well located on a lease in Jackson County measured up to 2 million cubic feet a day. The well was completed at 4300 feet in the Beekmantown formation, which lies under eastern Ohio, western Pennsylvania and parts of Kentucky and West Virginia. The company plans to drill other wells in Jackson County to determine the discovery's full potential. Three previously completed company wells in Akron are expected to provide as much as 50 percent of the company's critical natural gas needs in the city this winter.

DESPITE galloping price increases, resales of single-family homes are expected to continue at a fast pace well into 1978. The National Association of Realtors notes that the median sale price for such homes went up by $4,800 in the past year to $43,700 (July figures). The breakdown by regions: West, $59,600, up 27 percent in the year; Northeast, $44,400, up 4 percent; South, $41,300, up 11 percent; and North Central, $37,000, up 10 percent.

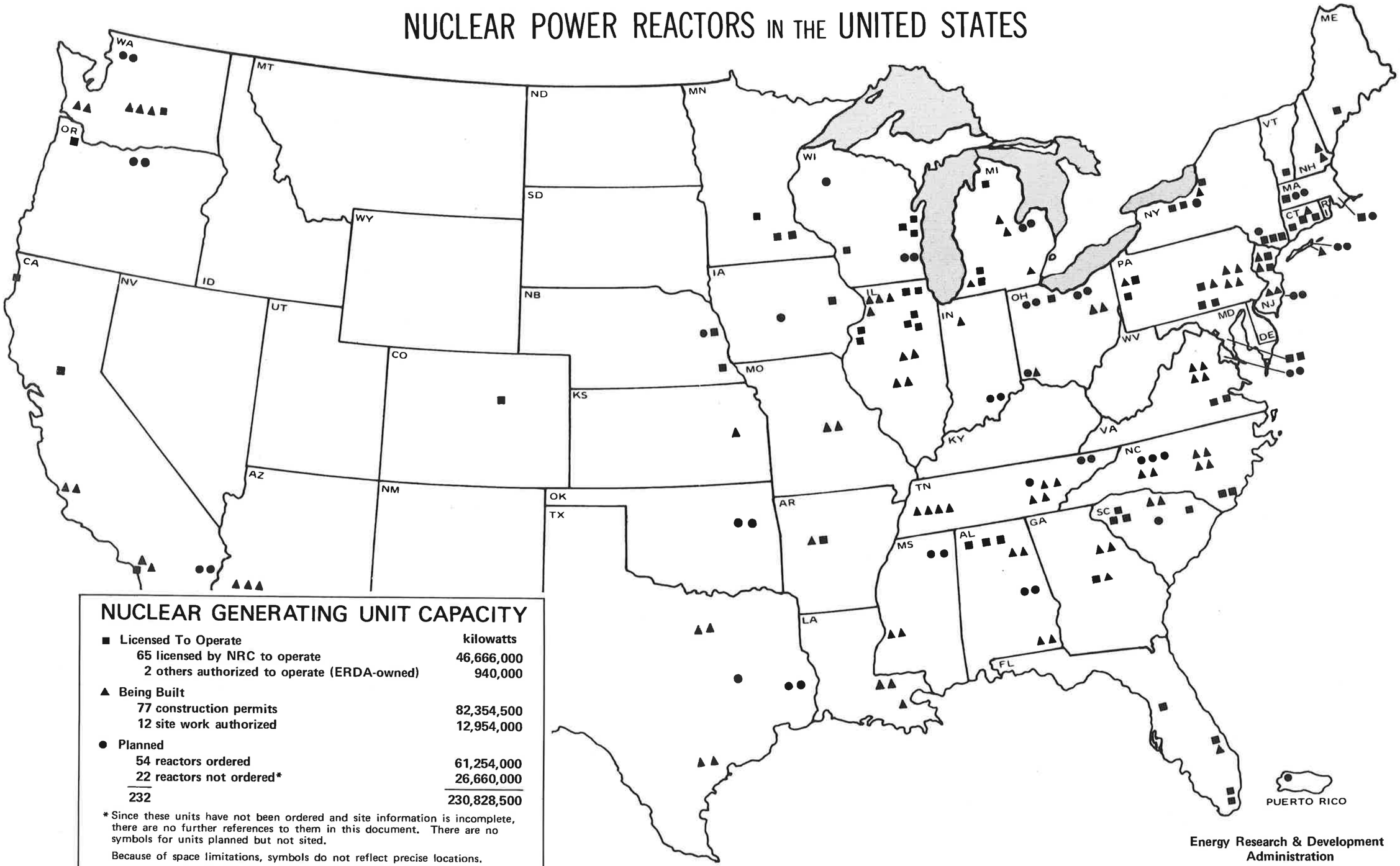
A BARGAIN these days is anything that still costs the same as it did last week.

DEMAND for engineers and scientists continues on an uptrend. An index in this field based on the number of help-wanted ads in selected trade publications and newspapers has moved upward since mid-1976. For the second quarter of 1977 it averaged 148.2 (1961 averages form the 100 base), which was the highest quarterly average attained since 1967. This rise was expected to continue in the third quarter.

THE DEPARTMENT OF ENERGY has announced it will increase charges for enriching uranium used to fuel nuclear power plants. The present charge of $61.30 for a Fixed-Commitment contract will be increased to $74.85 for each separative work unit. The Fixed-Commitment contract increase will go into effect on November 29, 1977. For Requirements contracts, the present charge is $69.80. This charge will be increased on March 29, 1978, to $83.15. However, Requirements contracts have a special provision that is referred to as a ceiling charge which is adjusted every six months. Accordingly, the present effective charge is $67.55 and the estimated ceiling charge on January 1, 1978, will be $76.82.

IF THE U.S. wants to retain more than 35% of the foreign enrichment market, a decision to build future plants beyond the planned centrifuge Portsmouth add-on should be made as soon as possible, the General Accounting Office warns. On going to centrifuge technology, GAO says that "utilizing a new and commercially untried technology for the next increment of enrichment capacity" could hinder rather than aid U.S. objectives to be a reliable supplier. "Since centrifuge technology has not been proven in a commercial environment, a plant utilizing this technology would be more prone to delay than a gaseous diffusion plant. Should such a delay occur in putting the centrifuge plant in operation, the possibility exists that DOE may have to virtually deplete its entire stockpile or adjust its contract obligations."

# NUCLEAR POWER REACTORS IN THE UNITED STATES




## NUCLEAR GENERATING UNIT CAPACITY

| | | kilowatts |
|---|---|---|
| ■ | **Licensed To Operate** | |
| | 65 licensed by NRC to operate | 46,666,000 |
| | 2 others authorized to operate (ERDA-owned) | 940,000 |
| ▲ | **Being Built** | |
| | 77 construction permits | 82,354,500 |
| | 12 site work authorized | 12,954,000 |
| ● | **Planned** | |
| | 54 reactors ordered | 61,254,000 |
| | 22 reactors not ordered* | 26,660,000 |
| | 232 | 230,828,500 |

* Since these units have not been ordered and site information is incomplete, there are no further references to them in this document. There are no symbols for units planned but not sited.

Because of space limitations, symbols do not reflect precise locations.

USERDA Technical Information Center, Oak Ridge, Tennessee

(over)

**Energy Research & Development Administration**
**June 30, 1977**

## WHO'S WHO IN MANAGEMENT

RALPH A. BURKLEY recently was named Associate Manager representing GAT in the newly formed Operating Contractors' Project Office (OCPO) for the gas centrifuge enrichment plant. He will report to Gordon Fee, Project Manager of OCPO, and also to Nate Hurt, General Manager of GAT. The OCPO will have the lead role for the operating contractors in the design, construction, and centrifuge installation phase of the multi-billion-dollar project. The group will be staffed with personnel from Union Carbide, GAT, and AiResearch Division of the Garrett Corporation.

Ralph began his career with Goodyear Aerospace in 1948 as a development engineer after receiving a degree in Mechanical Engineering from the University of Akron. He subsequently received several assignments including being directly associated with original patents on high-speed aircraft multiple-ply laminates. Most recently, he managed Aerospace's Step 2 Industrial Participation Program for centrifuge machine development.

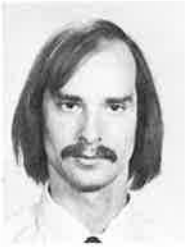
Ralph and his wife, Sally, have four children. They recently purchased a new home on Antioch Drive in Oak Ridge, Tennessee. Ralph was active in the St. Vincent DePaul Society of Holy Family Parish in Stow, Ohio. He also likes to hit a tennis ball, and he and one of his sons are avid fishermen. Ralph is a member of the Foremen's Club.

## GAT NAMES AND FACES IN THE NEWS

G. D. Althouse

J. M. Milam

G. J. Williams



F. B. BeCraft

GERALD D. ALTHOUSE was one of the featured speakers at the 1977 Facility Managers Meeting held in Denver, Colorado, October 25-28, 1977. His presentation was "Current Construction Projects and Their Status at the Portsmouth Ohio Plant."

J. MICHAEL MILAM recently passed the final examination and was certified as a professional engineer. Certification involves passing an engineer-in-training test plus four years of experience.

GORDON J. WILLIAMS spoke to students taking the course, "Energy Sources," at Hiram College in Hiram, Ohio. His presentation was "Goodyear Atomic -- Its Present and Future."

F. BRUCE BeCRAFT is the new coordinator of the GAT Science Demonstration Program. Each year, students on many levels are treated to interesting science demonstrations through this program.