



THURSDAY, JULY 28, 1977

Read Psalm 63: 1-8  
"Set your mind on God's kingdom and his justice before everything else, and all the rest will come to you as well." (Matthew 6:33 NEB)

A couple who were celebrating their fiftieth wedding anniversary were asked what they considered most important to a happy home. The husband replied, "When we were first married, we dedicated our home to God. As our children came along, we made a practice of starting and ending the day with prayer. We taught our children always to put God first, and somehow other things have always worked out well for us."

Often parents become so involved with work and social affairs that they fail to leave time for prayer and for teaching their children about Jesus Christ. If God is put first and these things are planned for, it is surprising the way other things get done as well. A family that loves God and loves each other finds the secret for a happy home.

In the Sermon on the Mount, Jesus told the people not to be concerned about material things. When we put God first, He will bless all our efforts -- and our needs will be taken care of.

PRAYER: Dear God, we thank Thee for Thy love and guidance so freely given. Help us to realize the most important thing in life is putting Thy kingdom first. Help and bless all homes and families everywhere. In Jesus' name we pray. Amen.

THOUGHT FOR THE DAY  
Put God first and His blessing will be with you.

--copyright--THE UPPER ROOM  
--Beatrice B. Telfer  
(Sarnia, Ontario, Canada)



BIRTHDAY -- Bryan Slate celebrated his fifth birthday Thursday with a party at the Developmentally Disabled Day Care Center in Raeford. Bryan was delighted with a helicopter toy that flies into the air which he is demonstrating for his mother, Helen Slate.

## Mountain Becomes Power Plant In Latest TVA Energy Project

By Robert C. Radcliffe  
National Geographic News

You could call it a "giant gravity battery," the man-made mountaintop lake soon to be filled near Chattanooga, Tenn.

And whenever it is switched on -- after completion in August 1978 -- it will produce a surge of 1,530 megawatts of power over 20 hours.

The "battery," the Raccoon Mountain Pumped Storage Hydroelectric Plant, is one of the latest power plants nearing completion in the continuing growth of the nation's biggest utility, the federal Tennessee Valley Authority.

The TVA, as Americans have known it since its birth in 1933, could be producing nearly 48,000 megawatts of electric power in another decade.

That would be the generating output, by mid-1986, of all the current and planned power plants, including 33 dams' hydroelectric generators, 12 coal-fired steam generators, the Raccoon Mountain storage generators, and all seven nuclear plants, including the controversial Clinch River reactor planned as the nation's first commercial nuclear breeder.

All that power would nearly double the 27,000 megawatts

produced now, but most of the future 48,000 megawatts would probably be needed within the 80,000-square-mile TVA power grid that now spans parts of Kentucky, Tennessee, Alabama, Mississippi, North Carolina, Virginia, and Georgia.

TVA officials expect the local power demands to increase with population and with new industry attracted by lower electric rates. Surplus power would still be sold to other states in the South and East.

The plant at Raccoon Mountain, already a name familiar to power engineers around the country, is a mountain-size version of the thousands of towering water tanks that pinpoint small American cities.

However, the water rushing down from the mountain storage reservoir will be used to turn four huge electric generators within the mountain, instead of merely forcing water through buried pipes to city homes.

Raccoon Mountain will be the latest of 35 storage hydroelectric plants planned and being built in the United States. The biggest at Ludington, Mich. produces 1,656 megawatts with six pump-turbines.

The \$310 million plant is some 6 miles downstream from Chattanooga along the edge of the Tennessee River. The mountaintop reservoir covers nearly 1-1/2 square miles and is as much as 200 feet deep. Despite its size and capacity, the idea of the plant is simple.

River water will be pumped to the top of the mountain during non-peak periods and held in the reservoir until there is a large, sudden demand for electric power -- such as from air conditioners in a hot spell, electric heaters in a cold snap or from stepped-up industrial production.

AN UNLOCKED CAR..



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## Tar Heel Motorists Could Save \$17 Million With Tire Inflation

North Carolina motorists could have saved at least 29 million gallons of gasoline worth about \$17 million in 1976 had they properly inflated their tires, the Tire Industry Safety Council estimates.

"The simple act of keeping the right amount of air in automobile tires will make an important contribution to energy conservation," said Council Chairman Malcolm R. Lovell, Jr. "Proper inflation will benefit the car owner by saving both gasoline and tires."

Properly inflated tires can add five percent to gasoline mileage, or an extra mile per gallon, because they roll easier, according to industry experts.

The correct air pressure also extends tread wear, which in turn saves oil because many components of tires come from crude oil, Lovell pointed out. It takes seven gallons of crude oil to make a tire, industry sources say.

A study by the National Bureau of Standards show that more than one out of four cars has at least one seriously underinflated tire. A seriously under-inflated tire is four or more pounds of air pressure below the amount recommended by the vehicle manufacturer in the car owner's manual.

Slightly more than three billion gallons of gasoline were consumed by an estimated 3.8 million cars, trucks, buses and other vehicles in North Carolina last year, according to the Federal Highway Administration. The Council estimates that 78 percent of that amount -- or 2.3 billion gallons -- was used by automobiles. A five percent savings of that figure would be 117 million gallons.

Thus, the savings lost by one

fourth of the North Carolina drivers with underinflated tires would total 29.2 million gallons. Based on the recent average U.S. price of 58.6 cents per gallon, the loss due to underinflation would amount to more than \$17.1 million.

The American Petroleum Institute says the entire United States consumes 100 billion gallons of gasoline a year -- more than 1,000 gallons for every automobile on the road. A five percent savings on that amount of gas would come to at least 50 gallons for each car or a savings of at least \$29.30, per car annually on gas alone.

"Overall, American motorists could save at least 800 million gallons of gasoline, or 41 million barrels of crude oil, a year if they would only inflate their tires with free air," Lovell said. "Total domestic demand for crude oil has been running about 20.2 million barrels a day. So the amount which could be saved by proper tire care would satisfy all the oil needs of the U.S. for two days."

## Veterans Corner

EDITOR'S NOTE: Following are representative questions answered daily by VA counselors. Full information is available at any VA office.

Q -- I completed six months training on active duty with the National Guard. Am I eligible for VA hospital benefits?

A -- National Guardsmen who complete active duty for training are not eligible for VA hospital benefits unless during such service, they are disabled from disease or injury incurred or aggravated in line of duty.

Q -- Both my neighbor and I are 100 per cent service-connected disabled. He and his wife receive \$785 from the VA each month. Why do my wife and I only get \$750?

A -- Your neighbor receives an additional \$35 because his wife is in need of aid and attendance.

Q -- I am a veteran who has been awarded disability compensation rated at 40 per cent. What is the advantage of receiving benefits under the VA vocational rehabilitation program?

A -- While in training and for two months after rehabilitation, eligible disabled veterans may receive subsistence allowances in addition to their disability compensation, plus tuition, books and fees.

Q -- I wear a prosthetic device due to a service-connected disability and have recently heard that I may be eligible for a clothing allowance from the VA. Is this true?

A -- Veterans who, because of a service-connected disability, wear prosthetic devices which may wear out their clothing, or who use wheelchairs, are eligible for an annual \$190 clothing allowance.

Q -- When I sign up for the GI Bill, I had my VA checks sent to the school. I now want my checks sent to my home. May I have this done?

A -- Yes. Any VA office can assist in changing an address for receipt of benefit checks.

Q -- I received \$2,000 disability severance pay from the Army. I applied for disability compensation from the VA and my service-connected disabilities were rated at 20 per cent. When will I begin to receive disability compensation?

A -- Before you may begin receiving compensation from the VA, an amount equal to the amount of severance pay you received must be recouped. At the present 20 per cent rate of \$70 per month, it will take 29 months.

Q -- Are there VA education loans available to assist a child receiving dependents educational assistance?

A -- If the child is enrolled at least on a half-time basis, he may borrow up to \$1,500 per academic year to pursue a standard college degree program or if enrolled in a professional or vocational objective program requiring at least six months for completion. Financial need is a requirement. The current rate of interest is 7 per cent.

Q -- Isn't there a new provision in the VA pension law which pays an increased amount for an older veteran?

A -- Veterans 78 years of age or older on VA pension rolls are entitled to an additional 25 per cent increase for all current law pension rates.

Q -- What is a contingent beneficiary for my Veterans Group Life Insurance?

A -- A contingent beneficiary is designated to receive the insurance proceeds if the principal beneficiary dies before the insured.

Q -- I was honorably discharged in May 1969 and have no intentions of using my VA educational benefits. May I transfer them to my children?

A -- No. However, if you are rated 100 per cent permanent and totally service-connected disabled, your children would be eligible for dependents' educational assistance.

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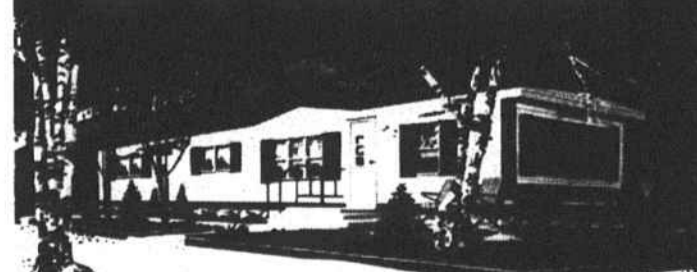
Mike Wood Walter Coley

The public should be warned against indiscriminate use of aspirin and be aware of possible serious side effects, says Dr. R.S. Farr, chief of Allergy and Clinical Immunology at a Denver research center. In some persons, aspirin interferes with blood clotting; in others it may cause aplastic anemia or gastrointestinal hemorrhage. He discovered that aspirin actually induced asthma attacks in 20% of adult asthma patients. Dr. Farr agrees that aspirin is an effective and useful drug, however he believes further research may show that aspirin should be a prescription item.

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