



# THE CHARLOTTE NEWS

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FINAL

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## LOCAL FIRM TO BUILD A-REACTOR NEAR WADESBO



### Asylum Wanted

MIAMI, Fla. (AP)—A heavy influx of Cubans seeking political asylum was reported today by immigration officials. Between 250 and 300 persons, all Cuban nationals, have arrived here, claiming political refuge, said Joseph Savoret, district director of immigration and naturalization.

### Well On Way

LOS ANGELES (AP)—The Ketch "Golden Rule" is half way to Hawaii, en route to Eniwetok to protest the forthcoming U. S. atomic bomb tests.

### Royal Visit

COLOGNE, Germany (AP)—Queen Soraya is sailing for the United States April 14 for a three-week stay. The 26-year-old beauty, divorced by the Shah of Iran recently because she had not produced a child in seven years of marriage, has reservations with her mother and younger brother Bijan on the Constitution from Genoa.

### Blast Kills Man

TAYLOR, B. C. (AP)—One man was killed and two seriously injured last night in an explosion-punctured fire at the Pacific Petroleum Ltd. installation in this northeastern British Columbia community.

### 'Maiden' Dies

HIROSHIMA, Japan (AP)—One of the 24 atomic-bombed Hiroshima maidens who underwent plastic surgery in New York in 1956 died today from stomach cancer. A spokesman said her cancer had no direct relationship with atomic radiation.

### Standard Arms

ROME (AP)—The Defense Ministers of France, West Germany and Italy met in Rome today to discuss standardizing arms production for their three countries.

### Arms Request

JAKARTA, Indonesia (AP)—Indonesia today countered the State Dept.'s criticism of its arms deal with the Communists with a new request to buy 120 million dollars worth of American small arms, planes and warships.

### Garden And Home Tips By Hundreds

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### How Test Reactor Will Work

By J. A. DALY  
News Staff Writer

Engineers dealing with nuclear fission explained today that the test reactor which will be built near Wadesboro, will be capable of making any scientific research now envisioned for uranium atomic irradiation.

This testing will extend both to creation and utilization of this strange natural force and to production of workers in atomic plants of the future and of the whole public.

Scientists readily admit they are unable at this early stage of atomic age development to envision where progress in research into nuclear energy will extend through the future years. This Wadesboro test reactor is intended to contribute to progress toward maximum use of this energy and its by-products in all phases of commercial, industrial and human life.

### GIANT CYLINDER

The Wadesboro test reactor will be a giant steel cylinder containing the active enriched uranium. This cylinder will be 35 feet in diameter and 100 feet high. It will be placed on a foundation 15 feet below the earth's surface and will extend 85 feet upward.

The test reactor will be produced by the Atomic Power Equipment Dept. of General Electric Co. at San Jose, Calif.

Variety of operations and of testing capabilities is a notable feature of this ultra-modern plant which will cost a maximum of \$20 million when operating. This versatility permits a wide range of tests, extending from operations of a high power reactor to operations of an open-pot reactor.

### WONT MAKE POWER

The Wadesboro plant will be operated only for testing of materials in a great variety and not as an electrical generating facility.

The plant will be cooled by normal water, technically called "light water" to distinguish these plates will be separated to permit the flow of water between them. The flow of light water within this cylinder will provide protection for the operating personnel against hazards of uranium radiation.

These fuel plates will contain

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### Evening Prayer

Lord of life, we hear Thy call to new life. We would answer Thy heart and soul, strength and mind. Take our commitment, and lead us to victory we cannot force. Make us true disciples of Christ Jesus, Thy Son, who prayed, "Not my will, but Thine, be done." In Thy name... Amen.



'X' Marks Location Of Test Reactor On Pee Dee River In Anson County

## FIRST REACTOR WENT TO IDAHO— Years Of Work Bear Atomic Fruit

By EMERY WISTER  
News Staff Writer

The \$12 million nuclear test reactor to be built on Blewett's Lake of the Pee Dee River 12 miles east of Wadesboro is a project that required years of hard work, research and planning.

For the men responsible—the men who formed Industrial Testing Reactors, Inc.—it is the rainbow's end of a dream of several years.

First work on such a project was done several years ago when

some of the men suggested a site not too far from Charlotte for a proposed reactor.

The government was interested and had the land inspected. But the site was rejected and some persons close to the movement thought it was because it was too near Charlotte.

IDAHO JOB

Shortly after came the announcement that a giant reactor would be built at Arco, Idaho.

The local group didn't stop working but started looking around for a site for a smaller reactor.

The Anson County site was selected and the Charlotte News carried a story that the area was being considered for an atomic project. That was over a year ago, and nothing more about the project was printed until today.

The project was given a big boost when the state created the huge research triangle between the campuses of N. C. State, the University of North Carolina and

Duke University. Gov. Hodges quickly saw the advantages of an atomic reactor and thus tied it in with the research triangle.

But such a project would require millions of dollars. This the state did not have. Thus Industrial Testing Reactors, Inc. came into being.

The men in this firm then made arrangements to borrow huge amounts of capital and invested in it substantially themselves. When sufficient capital had been raised, construction contracts were awarded and announced.

WASHINGTON (AP)—President Eisenhower today urged the Soviet Union again to join in stopping manufacture of nuclear materials for war purposes, and in an attempt to bring about a dependable and agreed disarmament program.

He made his proposal in a letter delivered in Moscow to Soviet Premier Nikita Khrushchev. It was a reply to a letter from Khrushchev's own letter of April 4, in that communication the Soviet Premier proposed that the United States and Britain renounce nuclear tests, a move the Russians said they have made.

The timing, wording, and manner of the Soviet declaration cannot but raise questions as to its real significance," he added.

The Khrushchev letter said the Soviet Union would have to reconsider its announced suspension of nuclear testing unless the United States and Great Britain follow suit.

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### 30-Ton Job Finally Finished By Museum

CHICAGO, Ill. (AP)—One of the biggest assembly jobs in the history of the Chicago Natural Museum, reconnecting the 300 bones of a 30-ton dinosaur, has been completed.

The first showing of the 75-foot long fossil skeleton of the Brontosaurus dinosaur will be in the museum April 18, 37 years after the fossil's discovery. The bones of the dinosaur's first bones were found in 1901.

"It took patience and perseverance to get Brontosaurus—the fossil's nickname—to the museum," said Orville Gilpin, chief preparator. Dr. Hainer Zangerl, curator of fossil reptiles, added: "But at last he's here—300 bones of him."

Brontosaurus is a composite of two Brontosaurus dinosaurs of similar weight and height. The first of

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## \$12 Million Plant To Employ 500

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By JULIAN SCHEER  
News Staff Writer

A \$12 million nuclear reactor—the second largest of its type in the United States—will be built in Anson County by a newly formed Charlotte company.

The reactor, which may ultimately become a \$20 million investment, will be located 12 miles east of Wadesboro on Blewett Falls Lake on the Pee Dee River.

Ground is expected to be broken at the reactor site within 90 days and target date for the critical operation of the facility is April 1, 1960.

The operation is expected to employ approximately 500 persons with an annual payroll of more than \$1 million.

"SANTA CLAUS"

"It is Santa Claus in April," Wadesboro Mayor Frank Little told The News today.

Similar excitement ran through the area as word spread quickly following an announcement by Gov. Luther H. Hodges in Raleigh.

The firm building the facility is the newly formed Industrial Testing Reactors, Inc., a North Carolina chartered corporation headed by Charles H. Haywood, Robt. L. Phillips, David McConnell, W. Franklin Brown and W. J. Smith of Augusta, Ga., as possible later associates.

The plant site was purchased from the Regal Paper Co., and it's expected about 15 acres will be used for the actual buildings and several hundred more acres for security measures. Six structures will be built.

This will be the nation's first engineering test reactor operated by a service organization rather than a manufacturing company.

SECOND IN SIZE

The reactor will generate 50 megawatts of heat. Among engineering reactors, it will be second in size only to the Atomic Energy Commission's 175-megawatt reactor at Arco, Idaho.

Although the test facility will be located on the Pee Dee River, some 85 miles from the heart of the North Carolina Research Triangle, it is linked with the Raleigh-Durham-Chapel Hill project.

J. A. Jones Construction Co., of Charlotte, a partner of the project, will be general contractor for the project; Ralph M. Parson Co., Los Angeles, will be the consulting engineer; and General Electric Company's Atomic Power Equipment Dept., San Jose, Calif., will supply the giant reactor.

The reactor will be similar to a materials testing reactor now under construction at the General Electric Co.'s Vallecitos Laboratory near Pleasanton, Calif., but will be considerably larger.

TO TEST MATERIALS

It will be used for the testing of materials and fuel elements to be utilized in equipment that must withstand exposure to nuclear radiation. Examples of such equipment may be found in atomic-powered submarines and in atomic-powered aircraft of the future. The reactor will also be

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## Anson Area Overjoyed At The Big News

By BILL HUGHES  
News Staff Writer

WADESBO— "It's just about the biggest thing ever to happen to this county."

Mrs. Jessie Roche, executive secretary of the merchants association, summed up the reaction here today on the news of an atomic reactor in Anson County.

The news spread like wildfire throughout this community when word seeped out unofficially that the plant would be built on Blewett Lake on the Pee Dee River.

"I hope this is the beginning of an upturn in our economy," editor Bennett Edwards said.

PAT WHISTLES

Rep. H. P. (Pat) Taylor just whistled when he learned the annual payroll may be \$1 million.

A number of prominent Anson County citizens worked hard to get the plant located near here. Some were in Raleigh today to hear Gov. Hodges tell a press conference about the reactor.

The reactor will vie with Wade Manufacturing Co., as the county's largest employer. Wade, a textile firm, employs nearly 500 people. Otherwise the county produces turkeys and hams.

The site of the reactor is 12 miles northeast of Wadesboro.

You get to it by going out on Highway 74 to Lileville, thence to the Ingram Mountain Rd., turn off on the Grassy Island Rd. and drive to the site. The road, impassable at this point, ends on the edge of the lake. The area is unpopulated, isolated and heavily wooded.

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Today's Weather

Sunny and cool this afternoon. Fair and cool with scattered frost tonight. Wednesday partly cloudy and a little warmer.

Low this morning—33

High today—37

High yesterday—36

High tomorrow—38

Low tomorrow—30

Sunrise today 6:01 a.m.; sunset 6:50 p.m.

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