Plant Offered By Malvern

Gazette 7-23-41

State Utilities Commissioner Joe
Kimzey and citizens of Malvern
conferred with Governor Adkins
yesterday on the possibility of the
location of the aluminum or alumina plants, to be built in Arkansas by the Office of Production
Management at Malvern Covers Management, at Malvren. Governor Adkins did not announce what action he would take on the suggestion.

Mr. Kimzey said he and others had worked up data on the suitability of Malvern as a location of ability of Malvern as a location of the plant. He said a desirable site had been selected on the Ouachita river at Old Rockport, the former head of navigation on the river, about one and one-half miles northwork is progressing satisfactorily work is progressing satisfactorily

most wholly uninhaited and could east of Little Rock, WPA officials be obtained for a reasonable amount of money, Mr. Kimzey said. The citizens of Malvern are prepared to absorb a part or all of the purchase price, he said.

Railroads, Natural Gas And Power Near By.

portation. The site is on the Rock Island and Missouri Pacific railroads, he said. All weather highways lead to the area from several The city has made no plans for

The site is about five miles below Remmel dam. Power transmission lines from Remmel and Carpenter dams and from the Pine Gazette 7-29-41 Carpenter dams and from the Pine Bluff and Sterlington, La., steam plants of the Arkansas Power and Light Company coverage in the area, he said. A 16-inch gas main from the Caddo field passes along saw will have a yearly capacity of 600,000,000 pounds instead of 400,000,000 as announced. Governor

Nine miles from Malvern are large limestone deposits at Magnet Cove, Mr. Kimzey said. Limestone is an important chemical used in making the flux out of which aluminum is electrolyzed. Approximately 3,000,000 ton of high grade mineral are in sight at Magnet Cove, he said. Also nearby are titanium, barite, pyrite and other minerals used in various phases of chemical

the ships, but that difficulty was being experienced there. Later, he stated, "I wouldn't want you to think this country is entirely dependent upon South America," and then enlarged upon the Arkansas deposits.

When the interrogator mentioned that the situation wouldn't be hopeless even if no bauxite could be imported, Mr. Davis answered:

"No, but it would be an awful pity if we had to pull all the bauxite out of Arkansas."

Another source, speaking of the Arkansas deposits and increased demands upon them, put it this way ported from Dutch Guiana and other "Ws like a first-string substitute foreign countries. But in 1939, the "bourded for using large questities of lower grade ore can developed.

"The great bulk of the American supply of bauxite comes from South America, although deposits have been found in half a dozen of our Southern states, and it is mined commercially in Arkansas. For a birdseye view of the ingenious processes that turn this muddy substance into the stuff of which bombers are made, one must travel 2,500 miles across the Caribbean to the dense jungles of Surinam, Dutch Guiana."

A large tonnage of bauxite is imported in this way ported from Dutch Guiana and other foreign countries. But in 1939, the

mands upon them, but it this way ported to the control of the cont The more optimistic viewpoint, Mines are available, imported baux- ered bauxite deposits from exploihowever, is that if the present emer- ite accounted for 55 per cent of tation, the Land Use Committee of gency produces a profitable means of using low-grade ore, the "substitute" might oust the regular from the line-up, temporarily at least.

description of the description of the state Planning Board this morning to bauxite for 45 per cent. Of the line-up, temporarily at least. Bauxite production has been on a rather large scale in Arkansas since 1893. From that date through 1939, sumed by our aluminum, abrasive and 9,345,044 tons, or approximately hair chemical industries, 96 per cent, 361, ports of recently discovered hauxite.

the commercial grade ore, was mined. The 1940 production of 427, 532 tons was valued at \$2,501,393.

Several independent operators are active in Arkansas, producing ore for sale for various purposes. Current prices range generally from \$3.44 to \$5.51 a ton.

Not all bauxite is reduced to aluminum, however. In 1940, domestic bauxite was used as follows: Aluminum, 48 per cent; abrasives, 29 per cent; chemical, 18 per cent; and oil refining, cement, refractory and oil refining, cement, refractory and other, 5 per cent.

Study Bauxite Production.

chemical industries, 96 per cent, 361, ports of recently-discovered bauxite deposits in areas where there are large sections of tax delinquent land.

In order that the state might realize full benefit from any mineral resources, Rep. Lee Baker, Lake Village, made the motion that the committee prohibit sale of any mineral rights and permit only development of such mineral deposits under restricted leases.

Aluminum Workers'

As a matter of fact one of the Pay Domands Rejected.

Study Bauxite Production is being studied by a representative of the Office of Production Management, who will be in the state for several days. He said that his work does not concern the selection of a site for a 100,000,000-pound aluminum plant awarded to Arkansas Grazette Telester Telest

Two Weeks.
Gazette 7-25-41
A bauxite production survey conducted by the Office of Production Management will be completed in about two weeks, J. D. Tallant, OPM representative, said yesterday. P. D. Wilson will assist Mr. day. P. D. Wilson will assist Mr. Tallant.

The check is being made in con-

The tract, which contains be-tween 1,500 and 2,000 acres, is al-most whelly published acres, is al-

the Smith Mining Co., Russellville, to mine for bauxite on a part of the

Extensive dredging operations would have to be done to make the location available to water trans-

ways lead to the area from several independent exploration for bauxite.

000,000, as announced, Governor Adkins said yesterday. Plans for enlarging the alumina plant indicated that a proposed 100,000,000 pound aluminum plant would be

expanded. Camden, Malvern and Saline county interests want the plants.
Malvern citizens have said that 3,-

pends greatly on the import situation. Large quantities of ore are imported from South America.

On that point, Mr. Davis, ALCOA's chairman, testified to the Senate committee that his company could obtain all the ore it needs rom South America if it could get the ships, but that difficulty was being evperienced there. Later being evperienced there Later being evperienced the root of the import situation. Large quantities of ore are imported from South America And Bauxite.

The government is attempting to determine whether Arkansas, which ton-Bauxite area, they said, would ton-Bauxite area, they said, would ton-Bauxite area, they said, would be in a strategic position with receive a second elumina plant and other plants in north Arkansas, new steam generating plants in the supply virtually all of the metal for the nation's rapidly growing aluminum. Senate committee that his company could obtain all the ore it needs to the ships, but that difficulty was being experienced there. Later being even from South America.

The government is attempting to determine whether Arkansas, which ton-Bauxite area, they said, would t

Act to Protect

to Washington.

The union presented its demands at a conference. Zonarich said men doing the same work at Badin, N. C., and Alcoa, Tenn., were being paid from two to 18 per cent less money than those at the new Kensington, Pa., plant of the company. M. M. Anderson, company personnel director, said the common labor hiring rate prevailing in the two Southern communities is 55 cents an hour and that the management "will continue to pay the prevailing wage rate or better in any community in which its plants are lomunity in which its plants are lo-

BAUXITE TO GET NEW County Judge C. O. Smithers, George Troutt, Fred C. Bush and Jehu Crow. Mr. Bush, who lives in Little Rock, has extensive Saline county interests. Traveling by automobile, they sent a telegram announcing "good news" to Editor L. B. White of the Benton Courier from a Virginia town Thursday, shortly after having conferred with OPM officials. They did not elaborate. \$21,000,000 PLANT

Industry Likely To Continue After Emergency.

Gazette 8-9-41

ina plant which the Aluminum Governor Pleased When Company of America will operate Plant Comes to State. for the government, Congressmen D. D. Terry of Little Rock and W.

fice of Production Management's have been made at more than one stee in the Bauxite territory.

Solution of Production Management's have been made at more than one site in the Bauxite territory.

Governor Adkins, whose chief concern at this time is defense work said: 000,000, will be located close to the work, said: o00,000, will be located close to the alumina plant, contending that the transportation problem, including plant, and feel sure the aluminum plant, contending that the settled that we will have an alumina plant, contending that the settled that we will have an alumina plant, contending that the settled that we will have an alumina plant, contending that the settled that we will have an alumina plant, contending that the settled that we will have an alumina plant, contending that the settled that we will have an alumina plant, contending that the settled that we will have an alumina plant, contending that the settled that we will have an alumina plant, contending that the settled that we will have an alumina plant, contending that the settled that we will have an alumina plant, contending that the settled that we will have an alumina plant, contending that the settled that we will have an alumina plant, contending that the settled that we will have an alumina plant, contending that the settled that we will have an alumina plant, contending that the settled that we will have an alumina plant, contending that the settled that we will have an alumina plant, contending the settled that we will have an alumina plant will settled that the state. To Rush Construction.

To Rush Construction.

Actual construction.

He was hopeful that the state, to the selection of the Saline Country of the site.

To Rush Construction.

To Rush Construction.

Actual construction.

In the area for several weeks.

The congressmen said the plant end of the saline country of the salin

were optimistic.

The alumina plant location is approximately 1 1-2 miles east of Bauxite, midway between Bauxite and Bryant, and approximately five miles east of Benton. It is on Hurricane creek at the junction of the Rock Island Lines and the Bauxite & Northern railroad. The latter road is owned by Aluminum Company of America interests, which own the Republic Mining and Manown the Republic Mining and Manufacturing Company at Bauxite, Ark-La Co-operative largest bauxite concern in the state. Most of the plant site is on the old Obtains State Charter. McAdams farm.

liminary work regarding the plant location has been under way "on the quiet."

The plant, which will employ 300 to 500 persons, will have a production capacity of 400,000,000 pounds of alumina annually. The annual bauxite production required for this plant alone would be 800,000,000 pounds. (One ton of alumina requires two tons of ore; one ton of alumina requires two tons of aluminum requires two tons of alumina.)

mission chairman in 1937-41, was named agent for service. The company, a Louisiana corporation with its principal place of business at Homer, will have an office in the Pyramid building here.

The co-operative, composed of five south Arkansas and five north Louisiana co-operative, composed of five south Arkansas and five north Louisiana co-operative, composed of five south Arkansas and five north Louisiana corporation with its principal place of business at Homer, will have an office in the Pyramid building here.

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Delegation Takes Bid Directly to Washington.

Directly to Washington.

A Saline county delegation en route home from Washington last night had stressed the transportation advantages of the Banton-Bauxite area to the OPM. It said that the construction of the alumina and aluminum plants at the mine mouth would eliminate "freight" which would be paid on hundreds of thousands of tons of green ore.

The freight rate on a ton of bauxite for 100 miles is \$1.20, the delegation said. If such a haul could be eliminated, the annual saving on freight alone would be \$1,440,000, based on 1,200,000 tons of green ore. The area has an estimated supply sufficient for the production of 600,000,000 pounds of aluminum plant will require a 120,000-kilowatt power plant, Mr. Fritzhugh said.

The state Mineral (WPA) Survey will immediately start drillings to determine quantity and quality of limestone in Saline, Pulaski and Hot Spring counties, in connection with the new aluminum industries. Deposits of limestone are at Magnet Cove, 40 miles from Benton; Washington, Hempstead county, 100 miles from Benton, and at White Cliffs and Foreman, Little River county. 2,400,000,000 pounds, or 1,200,000 tons, of green ore.

"In addition, locomotives, labor and fuel would enter into the picture," the Saline men said. "In the execution of the defense effort.

* * it is evident at this time. that a shortage of rolling stock for the railroads is now imminent and any measures that may be taken to relieve traffic congestion and release rolling stock for defense transportation is fully justified."

Benton Optimistic As Location Announced.

A 500-acre site near Bauxite has been selected for a \$21,000,000 alum-

Supt. L. R. Branting of the Alcoa-D. D. Terry of Little Rock and W. operated Republic company indi-F. Norrell of Monticello, announced cated that little as known or could be announced at Bauxite rein Washington yesterday. could be announced at Bar Observers speculated that the Of-

"I'm very happy it is definitely

IcAdams farm.

Eleven months will be required to Inc., which has an initial \$520,000 construct the plant, the congressmen said. OPM representatives have been in central Arkansas for some time, but said they were checking bauxite reserves. Alcoa officials had little comment. At Benton, it was reported that pre-liminary work regarding the plant location has been under way "on

loads that continue after the emergency. A 15,000-kilowatt plant in north Louisiana will be the first generating unit. The 100,000,000-pound aluminum plant will require a 120,000-kilowatt power plant, Mr.

num Plant May Go To Benton Area orate. "This is the biggest thing that has come to the state," Mr. White said. The alumina plant might remain after the emergency ends, he explained. Benton and Bauxite probably will apply for designations as defense areas. "Without starting this plant, we need 200 houses right now," Mr. White said. An expansion of Republic's activities has created the housing problem, he said. Chances are believed good for locating the aluminum plant "here at Benton," the editor said. The plant to reduce the bauxite has a let there. A large part of the nation's supply of bauxite is now imported from South America. If Arkansas depositis are sufficiently large, ships visually needed elsewhere, will be removed from the bauxite transport service and greater dependence placed on the Arkansas reserves. Fears of various public and private officials of the consequences of throwing the entire national aluminum load on Arkansas deposits and stripping the state of its rich ore, may be somewhat allayed by the fact that the new Benton alumina plant will make use of low as well as high grade ore. The plant to reduce the bauxite ore into alumina plant as high grade ore. New Process Developed.

alumina into aluminum in that sectoria.

The plant to reduce the bauxite ore into alumina, from which the finished product is made, will be located on a 500-acre site, approximately 1 1-2 miles east of Bauxite, midway between Bauxite and Bryant. The plant will be operated by the Aluminum Company of America, which owns the Republic Mining and Manufacturing Co., the largest bauxite mining company in the state.

As high grade ore.

New Process Developed.

Processes for employing the lower grade ores are new and it is not known to what extent the leaner ore will be used. The lower the aluminum oxide content of usable ore goes, the longer the life of the Arkansas deposits will be extended.

While designated with an eye to future needs, at first, however, the Benton alumina plant will be built to 400,000,000-pound annual capacity. Representative Norrel said that it

would employ between 300 to 500 persons and would have an annual production of 400,000,000 pounds of aluminum. This production would require 800,000,000 pounds of baux-

A delegation from Saline County, A delegation from Saline County, headed by County Judge C. O. Smithers, presented the bid of Saline County to the OPM, stressing the transportation advantages of the site to the OPM. Nearby are the largest producing bauxite mines in the country. Construction of the plant at the mouth of the mines would eliminate hauling the ore ing distances for processing, as is

En Route Home.
The delegation was en route home from Washington today. Other from Washington today. Other members were George Troutt, Fred C. Bush and Jehu Crow. Mr. Bush, who lives in Little Rock, has extensive holdings in Saline County. Details of the construction program were not available.

Gov. Homer M. Adkins said of the new plant.

"I'm very happy that it is definitely settled that we will have an alumina plant and feel sure that the aluminum plant will come through

Arkansas is in a good strategic position to obtain the aluminum plant, it was pointed out, because 90 per cent of the nation's known reserves of bauxite are in Saline

\$21,000,000 Plant May Be **Initial Unit**

Government Plans Now for Expansion

If Emergency Arises.

Democrat Washington Bureau.)

Washington—The 400,000,000

pound capacity \$21,000,000 alumin

plant to be built near Benton as a

national defense project has been designed so that if necessary it can quickly be enlarged to supply the entire national demand, Rep. W. F.

Norrell said Saturday.

The federal government and the Aluminum Company of America working together on the plant, are planning it so that if foreign supplies of bauxite are shut off, or is shipping is cut off, the Arkansas

A photograph showing the site of the proposed alumina plant near Benton appears on Page 6.

plant can supply the entire Amer can requirements. The present e-timated requirement is 1,200,000,00 pounds of aluinum a year.

To supply that need, the Benton alumina plant would have to have a capacity of 2,400,000,000 pounds a year, the ratio of aluminum to alumina being two to one.

To Use Low Grade Bauxite.

cent or more of aluminum oxide, has large known deposits of ore from 45 to 55 per cent, and an unknown quantity of still lower grade ore.

In connection with the future possible needs of the nation for aluminum, OPM and the Bureau of Mines have been surveying the extent of bauxite deposits in Arkansas to determine exactly what is available there.

state.

11 Months to Build.

Eleven months will be required to complete the project, Reps. D. D. Terry, Little Rock, and W. F. Norrell, Monticello, said in announcing the selection of the Saline County will cost around \$21,000,000.

along as rapidly as possible.

transportation, yet it was not actually right on bauxite. He said surveys showed theer is no bauxite at the immediate site and thus the plant will not cover up any of the ore

will not cover up any of the ore.

To Expand Mining Operations.

He also said that mining operations will have to be expanded to supply bauxite to the plant. He said that Alcoa will probably use the equipment now there but will have to add to it and increase the production. To keep the plant going, at least 800,000,000 pounds of the ore will have to be taken out annually. In connection with the future possible needs of the nation for aluminum, OPM and the Bureau of Mines have been surveying the extent of

have been surveying the extent of bauxite deposits in Arkansas to determine exactly what is available there. This is being done so that in case foreign sources are cut off, the government will know what is available and how much can be produced in the state.

Alcoa will build and operate the plant under contract from the federal government.

Aluminum Plant Site/ Definite information as to location of the aluminum plant to be con-structed in Arkansas was still lack-ing yesterday. Governor Adkins con-tacted the Washington office of the Arkansas Agricultural and Industrial Commission, but its director, H. K. Thatcher, also was in the dark.

Mr. Thatcher did tell the chief executive, however, that a decision regarding the source of electric power for the plant probably would be reached within another week. Location of the aluminum plant, he said, in all probability, will be influenced by that decision.

by that decision.

Governor Adkins again expressed hope that the alumina plant would make extensive use of lower grade bauxite ore. He said he had information that two processes employing ore below what is now considered commercial grade, had been employed somewhat successfully in pilot plants.

Aside from the fact that it would prolong the life of Arkansas deposits to use the leaner ore, he pointed out that if it should become necessary to

dustrial development is born in Arkansas. Definite selection of a site near
Bauxite for a \$21,000,000 alumina
plant to be built by the government
means that bauxite mined in Arkansas, which has in the past been shipped out as material for chemical and
manufacturing industry in other
states, will be processed here at home.
And in addition to this great plant for
the intermediate stage of aluminum
the state Agricultural and Industrial Commission's Washington office, informed Governor Adkins by
telephone.
A direct current is needed for reducing aluminum from alumina, it
was said. A Federal Power Commission publication said that such
a power supply can come from a
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states, will be processed here at home. And in addition to this great plant for the intermediate stage of aluminum production there is promise of a still huger plant, costing from \$60,000,000 to \$100,000,000, for the final stage of the process by which this invaluable metal is recovered from its ore and refined for commercial use.

For Governor Adkins, Representative D. D. Terry and other members of the state's delegation in Congress, and the many others who have labored so effectively to make Washington realize Arkansas's advantages as a site for defense industries, there must be special satisfaction in the government decision that assures the erection of alumina from bauxite by the Bayer chemical method requires 25 to 300 kilowatt hours of power per ton of alumina is diverted to a Longview. Wash. plant of the concern for final processing.

Covernor Adkins said he hopes the defense program will result in development of low-grade as well as high-grade bauxite ore. Arkansas has lime which would be used in the low-grade operations.

A qualified source said that Bauxite and Benton automatically will be entitled to defense housing ratings because of the plant or plants, since they are within 30 miles of the Little Rock defense on the Little Rock defense at home.

Methods Compared.

The extraction of alumina from bauxite to alumina or aluminum oxide, and reduction of that product to a metal-including alumina consumes 19,000 to 21,000 k. w., h. per ton.

Governor Adkins said he hopes to 10 the opposition of the product to a metal-including alumina is diverted to a Longview. Wash. plant of the concern for final processing.

Reynolds Ala... is equipped both for reduction of aluminum oxide, and reduction of the metal-including alumina consumes 19,000 to 21,000 k. w., h. per ton.

Governor Adkins said he hopes to 10 the concern for final processing.

Reynolds has been using a lumina is diverted to a Longview. Wash. plant at Sheffield, Ala.. is equipped both for reduction of aluminum dumina in during the determination of ment decision that assures the erection of the alumina plant.

For the present this will be a defense industry. But we must refuse to believe that a plant located in the chief bauxite field of the country, close to the greatest plant in the United States for crushing, cleaning and drying the green ore to prepare it for chemical processing, will not find its permanent place in the na-

along as rapidly as possible.

While this alumina establishment will be a tremendous plant, even larger than the aluminum plants, the work it will do is not as highly technical as the latter. It removes just part of the impurities from the ore and what is left is alumina, which will be sent on to the aluminum plants. It will be big but will employ only 300 to 500 men, Representative Norrill said.

The congressman said that when experts of the Office of Production Management and Alcoa picked that site, they did so because it was convenient to the bauxite fields and to transportation, yet it was not actually right on bauxite. He said surveys showed there is no bauxite.

Washington, Aug. 9 (P).—Representative Ellis (Dem., Ark.) said in preliminary work since last Octoday the Rural Electrification Addiday the Rural

Saline County The plant recently was anocated to the government. Arkansas by the Office of Production Management. Industrial Hopes Soar

Gazette 8-10-41

Benton and Bauxite residents be-lieve the 100,000,000-pound alumi-num plant awarded to Arkansas will be located in Saline county "for the same reasons the Alumina plant was located here," H. W. Anderson

Mr. Anderson, one of the leaders whose efforts resulted in the Office of Production Management's decision to place a \$21,000,000 alumina plant near Bauxite, said no "political wires were pulled." The aluminum plant, costing \$60,000.000 to \$100,000,000, might be located nearer Benton than the 400,000,000-pound

The water question arose when it was suggested that the State hospital's branch be established at Benton, Mr. Anderson said. A little more than five per cent of the Saline's drainage area is supplying water for Little Rock, North Little Rock and Camp Robinson, he said. The river could accommodate the

Residents of the county are grateful to Congressmen W. F. Norrell and D. D. Terry for their efforts in obtaining the plant, Mr. Anderson

Don't Expect Power Plant.

tion regarding locations for the today, aluminum and power plants. Be-

tion's peace-time industry when the project will supply alumina to the defense emergency ends. This is the age of aluminum. As a metal of great strength and light weight, both pure and in a wide variety of alloys, aluminum is essential to aircraft construction, and almost as invaluable to the automobile interest of the supply as possible. While this alumina establishment dustry. Pailroads are using it in in-

for generating machinery may be

Build Power Plant.

The state's largest consumer of power, the Kraft paper mill near Camden, using 8,500 kilowatts per year, pays an average of 7 1-2 cents per k. w. h. to the Arkansas Power and Light Company. Kraft has a 2,500-kilowat plant of its

The Ark.-La. Electric Co-opera-

To Open New **Bauxite Mines**

Concern Planning To Use 'Low-Grade' DAluminum Ores.

Don't Expect Power Plant.

Saline county residents would like to have a power plant near the bauxite industries, but would not be surprised if power comes from the "sour gas" fields in south Arkansas, Mr. Anderson said.

Official sources had no information regarding locations for the doday.

bauxite, to other uses, successful employment of lower grade ore might be necessary to meet increased demands.

Arkansas and Its Bauxite And

Gazet industry 0-41
Out of a world convulsion new industrial development is born in Arkansas. Definite selection of a site near Bauxite for a \$21,000.000

No mining operations have started yet, Mr. Schmedeman said, but added that "in the near future," the company plans to mine ore sufficient to make it self-sustaining.

The new reduction plant will not make exclusive use of leaner ores, he explained. The best product available will be obtained, but because of improvements, the plant is capable of profitably processing the lower grade.

the lower grade.

"There is the question of demand, too, now," Mr. Schmedeman said, and the higher grade is becoming

ore now used is that with 55 per cent or higher in aluminum oxide and 7 per cent of less in silica. Reynolds will go below 55 on aluminating and above source in silica. Mr. Some of the Arkansans here are discussing the new aluminum and above source in silica. and above seven in silica, Mr. Schmedeman said, but would not indicate what the differences would

Location Not Revealed.

Ellis said Harry Slattery, REA administrator, informed the OPM today the REA was ready "to proceed at once" and would make an allotment of not less than \$3,500,000 immediately in order that contracts Ark-La Co-operative Offers To Be Mined

Gazette 8-15-41

Bauxite mining will be started in Saline and Pulaski counties by the Reynolds Metals Company interests "soon," O. C. Schmedeman, manager of the Reynolds Mining Corporation, said yesterday.

A grade of ore lower than the commercial grade will be used, he

The Ark.-La. Electric Co-operative, Inc., which can obtain REA backing, has offered to guild the proposed new power plant. The co-operative, incorporated in Louisiana, filed an entry notice at the Arkanas secretary of state's of-lower grade.

the heavy demand for defense needs, higher grade bauxite will beL. R. Branting, superintendent

Not Concerned With
Power Supply Fight.

Predicted For Little Rock

Use of Low Grade Ores to Open Vast New Fields.

By B. N. TIMMONS.

(Democrat Washington Bureau)
Washington—Arkansas' low grade
bauxite ore as well as the deposits
of high grade ore, will be utilized by
the new alumina plant to be built
in Saline County for the defense
program, it was learned here today.
New processes have been devised
and proved practical whereby the and proved practical whereby the same plant can use both high grade and low grade ore. The new Arkansas plant will be equipped to use both and will use ore as low as 40 "This new development will mean "This new development

per cent aluminum oxide.

New Fields Possible.

Arkansans who have been working on the development of the state's bauxife resources for the defense program are pleased that the low grade ore will be used in the new plant for wto reasons One is that it will mean the opening up of vast new fields which hitherto could not be tapped.

"This new development will mean more production," Mr. Branting said. "But the industry desires to build on a solid basis that will survive after the emergency."

Processing of Low Grade
Ores to Increase Cost.

An official of a company which plans to mine low grades of baux-

be tapped.

The other is that it will make it possible for the Arkansas resources to go farther and last longer.

It was learned that since the decision was made to use the low grade bauxite, as low as 40 per cent aluminum oxide, the testing and drilling for new fields has spread rapidly in the state with the result that new fields, which up to now were unknown, have been discovered and will be tapped. Those who have been following this development say it

bauxite development in the terms of an oil boom, with prospects of farmers and small landowners in the new areas getting rich overnight from leasing or selling newly-discovered, low-grade bauxite. It may or may not turn out that way, but stories are reaching Washington of farmers being offered almost fabulous sums for leases plus royalties for newly discovered.

leases plus royalties for newly-discovered bauxite deposits.

For several days, a delegation of business men from Malvern and Benton have been here working on Benton have been here working on the development of alumina and power in that section of Arkansas for the defense program. They have pooled their interests in the devel-opments and have been here confer-ring with officials of the Federal Power Commission and the Office of Production Management.

Those here are Mayor Kelso Kight and Carroll Cuffman, Malvern, and Judge Charles O. Smothers, Mayor Henry J. Finkbeiner, Joseph Blakley and H. J. Jingles, Benton.

NO DATE FIXED FOR BEGINNING **ALUMINA PLANT**

Over Delay.

Gazette 8-17-41

er Benton than the 400,000,000-pound alumina plant, which will be about five miles east of Benton. The Saline county seat is on the the exact percentages. Because of a proposed \$21,000,000 alumina Not Concerned With

challenger in many years, at one time considered Arkansas as a possible location for a processing plant.

Bauxite Boom

Governor Adkins and delegations from Benton and Malvern were in Washington yesterday, attempting to obtain prompt action on the approved plant and to secure the selection of Arkansas as the site of a proposed \$75,000,000 aluminum plant.

Governor Adkins and delegations to do everything we can to make their job easier for them," the governor said.

Information concerning manganese, limestone and other mineral deposits was given to the OPM.

Bureau of Mines and others.

"I feel that the folks in Wash-

Lower Grade Bauxite To Bring Smaller Royalties.

Officials of mining companies agreed recent activity in the bauxite fields has been important and substantial, but denied the activity has approached the proportions of a boom. They said that owners of property from which lower grade bauxite can be mined profitably for the first time may be required to accept lower royalties.

It was pointed out that increased cost of processing low grade bauxite will mean a higher price per pound of the finished metal, even though the mining cost per ton will remain stationary.

"Although there is a great demand for aluminum," a mining the mand for aluminum, a mining the mining the mand for aluminum, a mining the mand for aluminum, a mining the mand for aluminum, a mining the mand for the mining the mand for the mining the mand for the mining the mining the mand the mining the mini

day, said the OPM edict that no aluminum plant will be placed in Arkansas until power can be bought for three mills per kilowatt hour has been met partly by the Rural Electrification Administration.

can obtain funds at the "govern-ment rate" instead of the Reconstruction Finance Corporation rate of 3 1-2 per cent. I think this can be done, but approval must be obtained from Secretary of Commerce Jesse Jones.'

Adkins Seeks Bigger Plant For Alumina

Gazette 8-20-41

Governor Adkins has suggested that the capacity of a 400,000,000pound alumina plant awarded to Bauxite, Saline county, be increased to 600,000,000 pounds, and that the capacity of a 100,000,000-pound

ALUMINA PLANT

capacity of a 100,000,000-pound aluminum plant designated for Arkansas be increased accordingly, he said upon returning last night from a week's trip to Washington.

Prior to the announcement of a location for the alumina plant, half way between Bauxite and Byant, he had given assurance that Arkansas bauxite deposits would justify a capacity of 600,000,000 pounds. 000 pounds.

Apparently encouraged by Washington indications on Arkansas defense developments, the governor said he learned of "no changes"

needs, higher grade bauxite will become "scarce," he said.

50 Men at Work.

Most of the mining will be in Saline county. The Reynolds concern has been making drilling tests since last fall. Fifty men are employed, with headquarters at Sweet Home.

Changes Name.

The Reynolds Mining Corporation. The firm, incorporated in Delaware, filed copies of amended articles at Secretary of State C. G. Hall's office yesterday.

President R. S. Reynolds, nationally recognized as the Aluminum Company of America's first challenger in many years, at one time and manufacturing. Company properties in Got the Republic Mining and Manufacturing Company properties in Got the Republic Mining and Manufacturing Company properties in Saline county, said he was advised yesterday that no construction contract had been awarded. An option on a plant site already had been obtained.

No official expressed doubt that the alumina plant will be built soon and operated as a permanent industry after the national emergatic when the plant, which the Office of Production Management and other agencies were told that "we want facturing Company properties in Mr. Adkins said he was not content of the Republic Mining and Manufacturing Company properties in Saline county, said he was advised yesterday that no construction contract had been awarded. An option on a plant site already had been obtained.

No official expressed doubt that the alumina plant will be built soon and operated as a permanent industry after the national emergatic with the south Arkansas sour gas field. He conferred with whether the Rural Electrification Administration or private companies furnish power, but wants power generation for the aluminum plant to be the "first" served by the south Arkansas sour gas field. He conferred with officials of the Standard Oil Company of New Jersey, which has large sour gas holdings in the McKamie field, through its Carter Oil Company, and with Arkansas Louisiana Gas Company of ficials.

Representation Administration or private companies furnish powe

"I feel that the folks in Washington know about Arkansas," Governor Adkins said. "The congressional delegation is making a completely co-operative effort."

PLANT ASSURED STATE BY R.F.C.

Will Be Operated By Alcoa.

Gazette 8-21-41 Washington, Aug. 20 (A).-Jesse Jones, federal loan administrator, announced today the government An official of a company which plans to mine low grades of bauxite said ores of less than 40 per Valk and the Ronnaville dam.

The announcement provided for the construction in Arkansas of a plant to make 400,000,000 pounds of plant to make 400,000,000 points of alumina (an intermediate product in the conversion of bauxite into aluminum); and the construction of aluminum smelting plants of 150,000,000 pounds capacity near Massena, N. Y., 90,000,000 pounds capacity near Bonneville dam, and 100,000,000 pounds capacity in Ar-

Exact sites of plants have not been decided on, and the cost of land, Jones estimated, may bring their total cost to \$60,000,000.

Contracts With Other Companies Under Negotiation.

Jones said he was negotiating to finance the construction of facilities with 100,000,000 pounds capacity for Reynolds Metals Company and 160,000,000 for other aluminum

Alcoa Agrees to Reduce Price Two Cents Per Pound.

Jones also announced that as a result of negotiations with Arthur V. Davis, chairman of the Board of Directors of the Aluminum Com-

a year on Alcoa aluminum. Jones pounds first proposed.

Experiment With Munice Recommended.

The OPM also recommended.

The OPM also recommended.

The OPM also recommended in online and the control of the OPM also recommended in a mail scale at Many-value of the option of a mail and a state of the proposed capacity of an alumina plant in Saline county, and control of the operation of alumina plant in Saline county, and control of the operation of alumina plant in Saline county, and control of the operation of alumina plant in Saline county, and control of the operation of alumina plant in Saline county, and control of the operation of alumina plant in Saline county, and the area of the saline county, and commendation were adopted, the saline county in the operation of the operation of alumina plant in Saline county, the control of the operation of the operation of the operation of the proposed capacity of the proposed capacity of the operation of th

Washington dispatches' referthe fact that the plant would be near the bauxite

freight rate advantage which, Saline residents say, is offered by a Benton-Bauxite location. Bauxite and alumina would have to be

Camden, Malvern and Calion have been considered as possible locations. The power plant or plants probably will be in south Arkansas, where "sour gas" fields have large reserves. The 100,000 pound aluminum plant would require a 120,000-kilowatt power plant. The alumina plant will need little power.

Anothr alumina plant, also of 500,000,000 pounds annual capacity, 400 million pound alumina plant in Arkansas. Mr. Jones was asked at his press conference independent bauxite producers. Construction, at this second aluminum co." He in a plant, of a third plant for "tailings treatment" utilizing a process on to deal his questioner: "You understand English, with selection of a site for either tool his questioner: "You understand English, with selection of a site for either tool his questioner: "You understand English, with selection of a site for either tool his questioner: "You understand English, with selection of a site for either tool his questioner: "You understand English, with selection of a site for either tool his questioner: "You understand English, with selection of a site for either tool his questioner: "You understand English, with selection of a site for either tool his questioner: "You understand English, with selection of a site for either tool his questioner: "You understand English, with selection of a site for either tool his questioner: "You understand English, with selection of a site for either tool his questioner: "You understand English, with selection of a site for either tool his questioner: "You understand English, with selection of a site for either tool his questioner: "You understand English, with selection of a site for either tool his questioner: "You understand English, with selection of a site for either tool his questioner: "You understand English, with selection of a site for either tool his questioner: "You understand English with selection at a contemplated new plant in Arkansas.

It was pointed with the Aluminum Co. "In the result of the Aluminum Co." He aluminum plant or the alum

FOR PRODUCING **ALUMINA LIKELY**

Arkansas May Get Four Units.

Gazette 8-22-41

manufacturers. The new Reynolds plants would be in Alabama and the Bonneville dam area.

Washington, Aug. 21 (1). — The Office of Production Management recommended to the War Department today a further increase of ment today a further increase of alumnia plants instead of one had Washington, Aug. 21 (1). - The yesterday.

Directors of the Aluminum Company of America, "that company will reduce the price of ingot aluminum from 17 cents to 15 cents per pound on all shipments made after September 30 and prices for other types of aluminum will be reduced at least two cents per mended for the same state should need to the construction of two alumina plants at last week's conferences with OPM officials at 500,000,000 pounds annually of aluminum tina be built in Arkansas and that in a be built in Arkansas and that another plant previously recommended that a plant with a capacity to produce alumina plants at last week's conferences with OPM officials at 500,000,000 pounds annually of alumination plants at last week's conferences with OPM officials at 500,000,000 pounds annually of alumination plants at last week's conferences with OPM officials at 500,000,000 pounds annually of alumination plants at last week's conferences with OPM officials at 500,000,000 pounds annually of alumination plants at last week's conferences with OPM officials at 500,000,000 pounds annually of alumination plants at last week's conferences with OPM officials at 500,000,000 pounds annually of alumination plants at last week's conferences with OPM officials at 500,000,000 pounds annually of alumination plants at last week's conferences with OPM officials at 500,000,000 pounds annually of alumination plants at last week's conferences with OPM officials at 500,000,000 pounds annually of alumination plants at last week's conferences with OPM officials at 500,000,000 pounds annually of alumination plants at last week's conferences with OPM officials at 500,000,000 pounds annually of alumination plants at last week's conferences with OPM officials at 500,000,000 pounds annually of alumination plants at last week's conferences with OPM officials at 500,000,000 pounds annually of alumination plants at last week's conferences with OPM officials at 500,000,000 pounds annually of alumination plants at last week's conferences with OPM officials at 500,000,000 pounds annual

version of bauxite ore to aluminum.

A smelter plant, already approved by the War Department, to produce 100,000,000 pounds of aluminum an-nually. The site of this fourth plant has not been announced, but Mr. Norrell said it probably would be in the vicinity of the first of the two

Mr. Norrell said the proposed expansion of mining facilities would bring production of the Arkansas fields up to approximately 2,000,000,000 pounds of bauxite annually.

Two Plants Would Require 'Lot of Bauxite.'

A "lot of bauxite" would be required by two proposed alumina plants with a capacity of 500,000,000 pounds annually each, Supt. L. R. Branting of the Republic Mining and Manufacturing Company, Alcoa subsidiary at Bauxite, said vesterday.

600,000,000 pounds in the annual capacity to produce alumina, an intermediate stage in production of discussed plans for washing lowgrade ores.

grade ores.

Governor Adkins disclosed he proposed the construction of two alumina plants at last week's conferences with OPM officials at Washington, and expressed satisfaction when notified his proposal bad here approved.

Aides estimated this would save the government about \$15,000,000 pounds instead of the 400,000,000 Operate 3 New Plants

a year on Alcoa aluminum. Jones indicated other aluminum companies would follow the price change and increase the saving.

Transaction Not to Affect Anti-Trust Proceedings.

In answer to a question about anti-trust proceedings against Alcoa, he said the Justice Department had approved the deal, and the transaction would affect in no way anti-trust litigation.

The new Alcoa plants will be built and operated by Alcoa under a five-year lease, under which the Defense Plant Corporation, a government agency, will get 85 per cent of the net profits. Alcoa will retain 15 per cent of the net profits. Alcoa will retain 15 per cent as a fee for operating the plants.

"T am sure this is a low fee," Jones said.

The POPM also recommended to the War Department that the exposed of the Name aluminum plants will be designed and constructed of the War Department that the exposed of the Name aluminum plants will be designed and constructed of the War Department that the exposed that the succession of the additional plant has not been selected but the obe unit has not been selected but the additional plant has not been selected but the obe unit has n

Bonneville Dam, Ore. Present plans call for annual production of 400,- are operating, total aluminum capacity in the 000,000 pounds of alumina at this plant, Mr. Norrell said, but OPM's new recommendations would up this to 500,000 000 pounds. Alumina is produced by all the rest of the world put Gazette 9-5 to 500,000,000 pounds. Alumina is produced by all the rest of the world put an intermediate product in the contogether."

The Federal Loan Administrator yesterday George C. Branner, Arkansas state ite and alumina would have to be transported only a few miles at the most.

Anothr alumina plant, also of completed with the Aluminum Co. for a new fense officials were holding con-

half of the available alumina, the raw metal bauxite of which aluminum is made. Mr. Jones was asked if that would not permit the Aluminum Co. to "continue its monopoly." If aluminum couldn't be produced without alumina, and half of the alumina was controlled by Alcoa, wouldn't "the monopoly be maintained?" the questioner persisted.

"Officials of the Office of Production Management invited me to duction Managemen

Does Not See Much Difference

Not replying directly, Mr. Jones said he didn't see much difference between alumina and aluminum, that they were both part of the same thing. He added in response to a query that the new arrangement would have no effect on the same than new arrangement would have no effect on the same than the same than the same arrangement would have no effect on the same than th thing. He added in response to a query the new arrangement would have no effect on ences next week with independent the government's anti-trust action against companies having bauxite holdings in Arkansas," Dr. Branner said.

The new aluminum plants to be built by Alcoa under the RFC contract will be at Massena, N. Y., with an annual capacity of 150 million pounds; in the Bonneville Dam area, probably at Troutdale, Ore., with a 90 million pound capacity; and around Camden, Ark., with Inspection Of 100 million pound capacity.

The over-all cost of these plants, exclusive of sites, Mr. Jones said, will approximate \$52 million. The total cost of all the plants, including those to be put up by the other aluminum companies, he estimated, will "not be much special to the Gazette. 9-12-41 over \$100 million."

Negotiations with these other companies are nearly complete, it was understood. The Olin plant, with 50-million- pound capacity, will cessful effort to have the governbe at Tacoma, Wash.; the Union Carbide plant, ment locate a \$23,000,000 alumina with 40-million-pound capacity, at Spokane; the plant near Bauxite, citizens of that Bohn plant, with 70-million-pound capacity, at town and Benton headed by Cham-Los Angeles. Reynolds Metal Co., which will ber of Commerce and Rotary Club get a contract for production of 100-million-members banqueted Congressman pounds, was to build a plant at Listerhill, Ala. W. F. Norrell, Monticello, at Baux-Mr. Jones said, however, a part of the new Rey-Lohn L. Hughes Benton past Mr. Jones said, however, a part of the new Rey-nolds facilities may be constructed in the district governor of Rotary, was

Gazette 9-5-41

Washington, Sept. 4 (A).-Dr.

schedules.

He said Republic was a mining

Hot Springs, Sept. 10.-As evi-

toastmaster. County Judge Charles O. Smithers, Benton, introduced Congressman Norrell. Judge Smithers referred to the work that had been done in gathering data, and detailed the effort Congressman Norrell had made to bring a defense industry to Saline county. He said the alumina plant was obtained only "because of his untiring efforts."

Speaker Draws Applause. Congressman Norrell was applauded when he said, "Saline county will probably make the most outstanding contribution toward winning this war—aluminum."

He said that after his election

He said that after his election to Congress three years ago he de-termined to try to interest the government in building plants in the Sixth District to process bauxite. The war, and the shortage of aluminum, he said, provided the oppor-tunity to impress on government officials the facts about Arkansas

Mr. Norrell said that in a few days a government engineer will be in Bauxite to determine the exact location of the aluminum plant which, he added, will have a capacity of 500,000,000 pounds annually. More than 400 acres have been bought by the government as a lo-

"That is 100,000,000 pounds increase over the first announced capacity," Congressman Norrell said.

Second Plant Planned.

He said also that there would be

He said also that there would be a second alumina plant in the vicinity of the first, which would have an additional unit known as "the tailings treatment" plant. The latter will process bauxite discarded by the first plant. Cost of the second enterprise, with its additional unit, Mr. Norrell said, will exceed that of the first alumina plant.

He promised that an aluminum plant will be built in Arkansas. He said he expected to receive in-

formation about sites soon.
Congressman Norrell closed his address with a review of the present national defense picture and prediction of defeat for Germany and its allies.

Confers at Benton.

Before going to Bauxite Congressman Norrell met a committee at Benton, consisting of Mayor H. J. Finkbeiner, C. F. Elza, postmaster; Joe Blakley, H. J. Gingles and H. W. Anderson, representing the Benton Chamber of Commerce and the Benton-Bauxite Rotary clubs, and Robert Dorris.

He was accompanied to Benton by Mrs. Norrell, his secretary, Representative Ernest Maner, and Walter M. Ebel, Hot Springs newspaper man.

Inspects Bauxite Property.

The party was taken for an in-spection of the property of the Republic Mining and Manufacturing Company, by Supt. L. R. Branting. They also visited the mines of the American Cyanamid Co.

They saw what is said to be the largest "strip job" in connection with the bauxite industry in the United States.

The McGeorge Construction Company, Pine Bluff, has the contract to remove earth from where geologists of the bauxite interests have located a rich bed of ore. The temperature to owners of bauxite deposits when two alumina ocated a rich bed of ore. The ite deposits when two alumina plants authorized by the Office of from which more than 1,000,000 Production Management are placed yards of dirt have been removed is in operation. One 500,000,000-pound

Rouge Deposit at Bauxite.

Branting said was "rouge rock."

"There is enough rouge on deposit here" a member of the party said, "to provide red cheeks for every woman in the United States." Congressman Norrell asked what

Mr. Branting's, company intended to do with the rouge stone deposit. "We are too busy with the bauxite to do anything with it, he re-"Persons identified with the manufacture of rouge have been here, examined the deposit and wondered whether we had a supply

ascertain if the rouge industry gotiations would be completed would be interested.

To Purchase Bauxite.

The Office of Production Man- Ala. agement is considering a plan to establish and supervise an agency to purchase bauxite, especially low-grade ores, for the alumina and aluminum plants to be built in Ar-kansas, Dr. George C. Branner, state geologist, told Governor Ad-

kins yesterday.

His suggestion for expediting the start of production at the proposed plants by immediate test-hole drill plants by immediate test-hole drill-ings is being studied by the OPM, the governor learned. Dr. Branner said the OPM also is studying the advisability of establishing price

The geologist returned from a 10-day trip to Washington.

Low-Grade Bauxite To Be Used

Gazette 9-12-41

Owners of low-grade bauxite de-posits will find a bonanza when the new aluminum industry allotted to Arkansas by the Office of Pro-

duction Management is placed in operation, Dr. George C. Branner indicated yesterday.

The state geologist said low-grade ore will be used exclusively during the period of emergency, providing a "golden opportunity for the boys with this type of bauxite to sell."

Dr. Branner, who returned this week from Washington where he conferred with government officials on plans for the new plants, explained that most mines now operating in Arkansas produce high-

'After the emergency is over, "After the emergency is over, these facilities will have to use high-grade ore in order to compete with other aluminum production," Dr. Branner said. "One ton of alumina requires 1.65 long tons of imported ore, two tons of high-grade Arkansas ore or 2.83 tons of low-grade Arkansas ore Imported hauxite cuts the amount Imported bauxite cuts the amount of ore about a ton."

of ore about a ton."

Dr. Branner said he heard nothing in Washington which would indicate Arkansas may not get the proposed plants.

"In fact," he said, "I wouldn't be surprised if the announcement of location is made any day now."

in February and March for 60,000 kws. The fourth cent per pound on the had

operation of the fifth generator at Bonneville inum.' Normal Royalty on Bauxite

One-Eighth of Value. The normal royalty of \$1 a ton has reached an average of one-eighth the present market value of washed and dried bauxite, or the equivalent of oil royalties, Dr. George C. Branner said yester-

day.

The market price of 56-59 per cent alumina ore with five to eight per cent silica was \$7.50 to \$8.50 a ten. This quality ore, the state average of Arkansas bauxite now being mined.

His statement was made in re-

alumina plant already has been assigned to Saline county for op-Congressman Norrell's attention eration by the Aluminum Company was called to a deposit of what Mr. of America.

Dr. Branner did not attempt to place a value on low-grade bauxite.

Aluminum Plant In TVA Area Considered.

Decatur, Ala., Sept. 13 (A).-Marion Caskie, vice president of the Reynolds Metal Company, Rich-mond, Va., told the Decatur Daily today his company was considering construction of a new aluminum plant in the Tennessee Valley re-

sufficient to make processing profitable. Up to now, however, we have had to throw it aside."

Mr. Norrell said he intended to and added he was hopeful the ne-

OPM May Open Office
To Purchase Bauxite.

"If we do go into it, it will be down in the Tennessee Valley region," Caskie declared.

The company has a \$35,000,000 aluminum plant at Muscle Shoals,

Jesse Jones Defends Alcoa Contract

on the west coast

Increased Aluminum

Aluminum expansion contem-

plants built and into operation as quickly as possible.

Expansion of copper production was called for through a campaign

designed to increase the available supply and to reduce the demand. The board directed Donald M. Nel-

to increase production in existing American mines.

More, Larger

Plants Sought Gazette 9-18-41

OPM Chiefs Say

To Helena

Gazette 9-23-41

Statehouse circles heard yester-

day that the aluminum plant al-

located to Arkansas by the Office

Production Planned.

Gazette 9-16-41

Washington, Sept. 15 (AP) .- A \$52,-000,000 government contract with the Aluminum Corporation of America was assailed as "entirely one-sided" today before the Senate defense investigating committee after Secretary of Commerce Jones had described the agreement as "good and safe." Hugh A. Fulton, committee lawyer, said "It's difficult to find any obligation on the part of Alcoa." He contended the contract would prevent the gov- to speed and expand construction ernment from operating its own of aluminum and magnesium plants plants "unless Alcoa agrees." to produce airplane metals were

Jones, as head of the Defense Plants Corporation, an R. F. C. subsidiary, signed the contract Au- Loan Administrator Jones and the gust 19 over the objections of Sec-Supply Priorities and Allocations retary of Interior Ickes, who term-Board. ed is "contrary to the policies of this administration."

The agreement provided that the speed the program to expand alumgovernment furnish funds for constructing aluminum piants, which are to be leased to Alcoa for five years. Alcoa will receive 15 per cent of the profits as a fee for operating the factories

to build the plants and still not be subject to penalties. Jones retorted that the "purpose and spirit" of the contract was for Alcoa to build the plants "as rapidly as pos-

Fulton questioned Jones regarding a provision whereby Alcoa could refuse to accept bauxite, basic Gazette 9-21-4 could refuse to accept bauxite, basic material for aluminum, if the company considered the price was not "reasonable." The contract procials asserted today there was no vides for arbitration in such an invides for arbitration in such an in-

stance.

"Then, if Alcoa doesn't want us to, we can't even deliver materials to our own plants," Fulton com-

in February and March for 60,000 kws. The plant is designed to produce about 30,000 tons of aluminum produced, and added, "it's cheap for the government because they're the only people qualified by experience to make aluminum."

Total Petropolity State's ability to supply an amount of power and at a amount of power and at a coincidental with completion and bringing into fied by experience to make aluminum.

Senator Ball (Rep., Minn.) said the committee was "worried that we've used Alcoa so much they'll come out of this emergency with their monopoly position strength-ened."-

Jones said he didn't believe that was true and cited the Reynolds Metals Company as a competitor which had been strengthened.

OPM Processes Discussed. Earlier, Senator Wallgren (Dem., Wash.) had declared management was "unwilling" to consider processes for aluminum manufacture of Production Management may be other than that used by Alcoa. Constructed at Helena.

He said "the Western hills are full of alunite," an ore which he ascost about \$60,000,000, was ancorted bad bad bad and the said "the said "t

successfully for aluminum manufacture.

Arthur H. Bunker, head of the aluminum and magnesium production division of OPM, said Wall-pany of America to build the plant

gren was "wholly incorrect" in de-claring OPM had not studied alum-inum production methods other while the choice of Helena rethan that employed by Alcoa.
He said OPM aimed at an aluminum production peak of 167 tons
a day and planned for manufac
a day and planned for manufaca day and planned for manufac-ture of 475 million pounds annually Branner, state geologist, declared he had heard the same thing but had received no definite information.

Washington, Sep. 16 (P).—The Supply Priorities and Allocations Board today announced a policy calling for "extended production of every critical material to meet the needs of the all-out defense program."

Some Sected its water transportation facilities and proximity to metal-producing and fabricating plants at Alcoa, Tenn., may be the deciding factors. It was pointed out that, after the emergency, permanent aluminum and alumina plant would require water transportation direct from Moengo and Some state officials said that if Helena is selected its water transportation direct from Moengo and Paranam, Suriname (Dutch Guitrated on aluminum, magnesium and copper. Magnesium plans call for an additional 364,000,000 pounds ana), where high grade bauxite ore can be obtained to compete with other producers of aluminum. During the emergency, the Arkansas plant would utilize alumina pro-duced from low-grade ores. The Aluminum company has obplates an increase of 600,000,000 pounds a year. Emphasis will be placed on getting new aluminum

tained options on land for con-struction of an alumina plant near public. its bauxite mines in Saline county.

Even Greater son, executive director, to seek to cut domestic consumption of copper between 250,000 and 350,000 tons annually. It also ordered a study Need Seen

Gazette 9-25-41

Washington, Sept. 24 (A).-Jesse Jones, federal loan administrator, na proplant. said today he expected the country would have to expand manufacturing capacity for steel, aluminum and other defense materials even beyond the huge programs now contemplated.

Jones announced signing of a

Washington, Sept. 17 (P).—Plans o speed and expand construction f aluminum and magnesium plants Metals Company near Sheffield, Ala., and to be financed by an \$8,000,000 R. F. C. loan. Jones said negotiations were continuing for another Reynolds aluminum plant in the Bonneville dam area and several contracts for new steel capacity and the state of the country.

First Part to produce airplane metals were

Jones said the group decided to peed the program to expand alumnum capacity to 1,500,000,000 loan terms as more liberal than any granted to the Aluminum Company of America. He said criticisms from the said criticisms from some unidentified quarters that the Aluminum Company received better Favors Alcoa terms than Reynolds were "100 per

operating the factories.

Depending On Good Faith.

Senator Mead (Dem., N. Y.), acting chairman of the committee, objected to the lack of a time clause in the construction contract, saying Alcoa could take five years saying Alcoa could take five years.

The present goal is 100,00,000 pc...

"We haven't settled the details and I can't tell you how much money or additional capacity will be involved." Jones said negotiations were nearly complete to finance an available. The first ship of this addition to the aluminum plants of type built at Orange, Tex., is be-Sea Otter type of merchant ship, num Company of America won an but no details or amounts were available. The first ship of this available. The first ship of this type, built at Orange, Tex., is beaddition to the aluminum plants of the Reynolds Metal Company, near

For Aluminum Units.

prospect of Arkansas losing the two

declined comment.

Ellis said government officials had expressed concern over the state's ability to supply an adequate officials, because of climatic and other reasons, first to determine other reasons, first the location of a plant in the north-western part of the country.
"I may be in error, but I see no

reason why Arkansas should not receive the aluminum plant which has been promised us," she said.

Expanded Bauxite Mining Proposed

Cincinnati, Sept. 27 (A).—The Executive Board of the C. I. O. Aluminum Workers of America endorsed today a proposal to end the nation-wide aluminum shortage by expanding mining operations, rationing power, and training labor for annual production of 3,000,000,000 pounds.

num plants, construction of steam power generating facilities, crea-tion of an aluminum industry council composed of representa-tives of industry and labor under government chairmanship, and extension of collective bargaining.

N. A. Zonarich, president of the A. W. A., quoted the Bureau of Mines as estimating Arkansas bauxite mining operations could be stepped up 500 per cent in four

Nothing Done as Yet About Alumina Plant.

Options obtained by the Aluminum Company of America on Saline county land, expected to become the site of a \$21,000,000 alumina plant authorized by the Office of Production Management, will expire October 1 unless exercised.

State administration officials, who have been awaiting an announcement that construction will begin soon, were told that the options have been extended.

Continued delay in the construction of the alumina plant and in selection of a site for a \$60,000,000 aluminum plant evidently is puzzling to state officials as to the

Aluminum Plant Plans Unchanged

Washington (A)—Senator Caraway (D., Ark.) said today she knew of no reason why Arkansas might lose a promised aluminum plant because of the lack of power or for any other reason.

In a statement she said that she and other Arkansas members of Congress had been assured that the state would also receive two alumina plants as well as the aluminum

Delay in locating the aluminum plant, she said she understood, was caused partially by the desire of officials, because of climatic and other reasons, first to determine the location of a plant in the northwestern part of the country.

Gazette 10-1-41

(By the Associated Press.)

New York, Sept. 30.—The Alumi-Caffey started reading from the bench on the government's action to dissolve the giant business organization.

Gazette 0-24-41

Washington, Sept. 23 (P).—Sentator Caraway (Dem., Ark.) said today she knew no reason why Arkansas might lose a promised aluminum plant because of the lack of power or for any other reason.

In a statement she said that she and other Arkansas members of Congress had been assured that the state would also receive two alumina plants as well as the aluminum plant.

She added that "there has been as the district of the aluminum plant."

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Judge Caffey was expected to take about three days to read his opinion on the anti-trust proceedings which started April 23, 1937, from which developed the longest trial in history before a judge. The trial started June 1, 1938.

There was no jury in the case in which the government charged conspiracy on the part of the aluminum company and 60 corporate and individual co-defendants to monopolize, and sought to appoint receivers and trustees to effect dissolu-

be surprised if the announcement of location is made any day now."

Reynolds' Aluminum Plant

In Northwest Starts Operating Portland Reynolds Metals Co. this week began operation of its new aluminum plant at Longview, Wash. Taking its first Bonneville power under the contracts executed in Portland Reynolds Bonneville power under the contracts executed make a net profit exceeding one-fourth cent per pound on the surprised if the announcement to our own plants," Fulton comment is state would also receive two aluminum plants as well as the aluminum plant as state would also receive two aluminum plants as well as the aluminum plant as tate would also receive two aluminum plants as well as the aluminum plant and the compony-olize, and sought to appoint receivation.

She added that "there has been a disposition of late as I see it to plant because of the power situation.

Beyond denying the possibility of ina plants into one, in other words that the government is going to be aluminum plant, the OPM officials declined comment.

Bonneville, in a statement issued Thursday, declared there was a definite possibility the state might because of the power situation.

She added that "there has been a disposition of late as I see it to plant because of the power situation.

Beyond denying the possibility of ina plants into one, in other words the state losing the 1,000,000,000 aluminum plant and the smaller aluminum plant in a plant as tate would also receive two aluminum plant.

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Beyond denying the possibility of ina plants into one, in other words the state losing the 1,000,000,000 aluminum plant and the smaller and in plant as tate would also receive double there was a definite possibility of ina plants.

She added that "there has been a disposition of late as I see it to dispositio no more rights than were guaranteed to it under the provisions of the patent act."

The two witnesses mentioned by

Judge Caffey were George D. Has-kell, president of the Bausch Ma-chine Tool Company, and Joseph Uihlein, Milwaukee banker and part-owner of the Schlitz Brewing

He commented that Haskell told of investigations which led him to believe, as he told the late James B. Duke, that the Aluminum Company of America controlled the bauxite field and that Uihlein, who was desirous to enter the aluminum production field, has testified to the

Other points in the proposal included full priorities on reaterials

The court said neither of the witnesses had been shown qualified to serted had been used in Japan nounced several months ago. Al- necessary to construct new alumi- express an opinion as to the amount

898 703 tons of bauxite in Arkansas were controlled by Alcoa and 5,398,-293 tons by other owners on or about May 1, 1940. The judge recalled that Dr. Branner testified there was approximately 20,000,000 tons of potential alumina producing ore in sight in Arkansas.

Thatcher Has Hope of Site

Lawrence Litchfield, bauxite expert for Alcoa, Judge Caffey said, testified the aluminum company own d about 6,000,000 tons of baux-

ite and that other companies controlled 5,500,000 tons in Arkansas.

"As far as I can see," Judge Caffey said, "the testimony of the government witnesses with regard to the ownership of aluminum grade bauxite yield completely fails to sustain the government's allegation as designed."

In legal circles as the crux of the government's complaint, Judge Caffey found:

Annoncements regarding the location of aluminum and power plants recommended for Arkansas may be made in a week o r10 days, H. K.

Thatcher, director of the state Agriin legal circles as the crux of the government's complaint, Judge Caffey found:

That although Alcoa produced and sold all the virgin aluminum made in the United States until the close of the taking of testimony made in a week o r10 days, H. K.

Thatcher, director of the state Agri-

by special assistant Attorney General Walter L. Rice in his opening argument was that the defendants had a "100 per cent monopoly in the virgin aluminum and bauxite indusMr. Tha try throughout the Western hemi-

The two principal issues, as Rice stated them were:

"First, whether or not there is a combination or conspiracy in interstate commerce in violation of Section One of the Sherman anti-trust act, and second, whether or not there is a monopolization or attempt there is a monopolization or attempt."

To Remain Several Days.

Mr. Thatcher, who will attend the to monopolize interstate or foreign commerce in aluminum in violation of Section Two of the act."

Monopolization of Water Power Denied.

Judge Caffey turned from the question of bauxite to that of water power in connection with aluminum manufacture and said "the charge against Alcoa of the monopolization of water power is entirely without

He noted that a report of the Federal Power Commission showed that in 1940 there were, within the United States, 117,000,000,000 kilowatt hours of potential electrical development from water power of which only 360,000,000 had been developed and evaluated and evaluated. veloped and employed by Alcoa and

Ten more monopolization charges by the government remained to be disposed of by Judge Caffey's opinion when court was adjourned.

Monopoly Issue Settled In Alcoa Case

Gazette 10-2-41

New York, Oct. 1 (P).—Federal Judge Francis G. Caffey, reading for the second day his voluminous opinion in the government's anti-trust suit against the Aluminum Company of America, said "the issue of monopolization in this case is at an end." He reached that conclusion, he said, on the basis that he had been correct in his ruling yesterday that there had been no monopolization of bauxite [alumi-num ore] or water power for alum-

a conclusion that Alcoa "ever acquired water-power sites in excess of its reasonable needs either in the United States or Canada." This was in line with his conclusions yesterday that Alcoa and the 60 co-defendants had not monopolized bauxite fields in Arkansas or elsections and head not monopolized bauxite fields in Arkansas or elsections.

but the owners thereof and licenses from the use of an invention."

Judge Caffey said that, as to the bauxite monopolization charge, "Alcoa prevailed without putting in any testimony whatsoever."

Judge Caffey said that Dr. G. C. Branner, Arkansas state geologist, a defense witness, testified that 4, see that the government had faied to prove its seed to sell aluminum to other concerns when it had a supply available and added that the government had faied to prove its charge of monopolization of aluminum. concerns when it had a supply available and added that the gov-ernment had faied to prove its charge of monopolization of alumi-

Thatcher Has Decision Soon

Thatcher, director of the state Agri-The crux of the case, as outlined cultural and Industrial Commission's Washington office, said upon arriving from the capital by plane

Mr. Thatcher, who indicated his estimate was unofficial, said: "Without question, they are getting to the point where a decision must

new commission's first meeting tomorrow, expects to be in the state several days. He will assist in checking the possibility of building steam generating plants near west-ern Arkansas coal mines and in preliminary plans for making plastics from south Arkansas gas. The engineering firm of E. V. Foran, Houston, Tex., will submit a report to Governor Adkins regarding the

Benton and Saline county citizens have informed the Office of Production Management that if aluminum production is curtailed after the emergency, a proposed Saline river steam electric plant could become a necessary stabilization unit in the government's power production program for the White river pering.

A prospectus sent to the OPM said in part:

"Construction of a steam electric plant of 125,000 kilowatt capacity on the Saline river and the construction of a dam on the North Fork of the Saline to provide water for the steam plant's operation would * * * well provide an integral part of the connected electrical system owned and operated in the states of Arkansas and Missouri, by the United States.

"It is reasonable to assume there will be no curtailment of the pro-

will be no curtailment of the pro-duction of aluminum in Arkansas until after the passing of the present emergency but should, at any time in the future, the produc-tion * * * be curtailed, the steam plant could continue to be operated

Gas Rate Proposed.

He ruled there had been no evidence such had been the case, stating that when Alcoa took over

The Arkansas Louisiana Gas Company has said that, upon the OPM's request, it will quote a price for more than 5 1-2 cents per kansas aluminum plant or the 1,000 cubic feet for gas, if a continuous load of not less than 60,000,000 cubic feet a day be used. The company would build whatever pipeline is necessary.

Saline county is urging that a plant which may be awarded to the state, its location would not interfere with plans for building an Arbore with plans for building an Arbore with plant to be established between Bauxite and Bryant, H. K. Thatcher, director of the state Agricultural and Industrial Commission's Washington office, said yesterday. plant which may be awarded to the

num orel or water power for aluminum manufacture by the company and its subsidiaries.

"In order to produce aluminum," said Judge Caffey, "it is necessary only to have bauxite and water power," adding that it was obvious, in view of this, that articles made from aluminum could be produced by the same elements.

The court said that in his opinion there was no evidence warranting a conclusion that Alcoa "ever acquired water-power sites in excess quired water-power sites in excess and the company would build whatever pipeline is necessary.

Saline county is urging that a 100,000,000-pound aluminum plant a 100,000,000-pound aluminum plant to operate it both recommended for Arkansas, be located near a \$21,000,000 alumina plant to be built near Bauxite.

Judge Again

Judge Again

Thatcher, director of the cultural and Industrial Commission's Washington office, said yesterday.

Cities that have been under consideration as prospective sites for the alumina plant, Mr. Thatcher said, include Helena, Calion, Camfen, West Memphis and Lake Village. It was rumored here several days ago Helena would be selected for an aluminum plant. An alumina plant instead is involved, Mr. Thatcher said.

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Alcoa

If Helena or any other Arkansas city obtains an additional alumina MORE OF ALCOA

deliver orally his decision in the any monopoly in waterpower longest trial in legal history, the sites in the proximity of these of accuracy.

Government's suit to dissolve the bauxite deposits.

water power.

Agreements Canceled.

Judge Caffey mentioned agreements made by Alcoa with power companies which bound them not to sell power to other corporations. One of these, he said, expired in 1920, and would have been canceled before that, the defense contended, but for an oversight. The others, the court said, were canceled.

The Merica had not monopolized virgin aluminum production nor castings as he continued reading h.s voluminous decision in the government's anti-trust action to dissolve the company.

The Merica had not monopolized virgin aluminum plant operating after the emergency, Mr. Thatcher take to complete the decision, the document has lost three of the Duke power interests giving Alcoa control of power interests giving of America, which will operate the aluminum plant operating after the emergency, Mr. Thatcher take to complete the decision, the document has lost three of the Duke power interests giving of America, which will operate the aluminum plant operating after the emergency, Mr. Thatcher take to complete the decision, the document has lost three of the Duke power interests giving Alcoa control of power side to company and the power interests giving Alcoa control of power interests side of the Duke power interests giving Alcoa control of power side to company and the decision, the decision, the development has lost three of the Duke power interests giving Alcoa control of power side to complete the decision, the development has lost three of the Duke power interests giving Alcoa control of power side to company at the Duke power interests giving and to company of America, which will dake to complete the decision, the development has lost three of the Duke power interests giving and the Duke power interests giving and the Sauch and the decision, the decision, the decision of the Sauch and the Duke power and the Duke power and the Duke power as a substantial and the decision and the decision of the Sauch and the decision and the dature and the dature and the dature and the dature and the

of aluminum ore, or bauxite, much less the amount of such ore of "aluminum grade" in the United States.

"At the time they were entered into," the court commented, "there was doubt whether the Sherman act prohibited such agreements."

Judge Recalls Testimony Of Dr. Branner.

Pointing out that the defendants were not required to put in testimony to offset government allegations not sustained by the evidence, Judge Caffey said that, as to the bauxite monopolization charge, "Alcoa prevailed without putting in any testimony whatsoever."

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Judge Caffey said that a sto the production of aluminum, adding that "the puriously ruled there bauxite monopolization charge, "Alcoa as to bauxite lauminum, or all putting on the water power or alumina. Before announcing his ruling on the water power or alumina. Used to evidence had been offered that Alcoa had refused to sell aluminum to other aluminum, or allowed to many testimony whatsoever."

Judge Caffey said that or certain adding that "the puriously ruled there bauxite monopoly on the part of Alcoa as to bauxite lauminum, or allowed to have delayed announcements about the plant locations, Mr. Thatcher said. Alcoa Monopoly of Bauxite or Power Facilities

Monopoly of the composition of the court comment algainst Alcoa and 48

Judge Francis G. Caffey began trial Alcoa had 52 per cent control yesterday in United States District Court delivery of an oral opinion which he said would take several days to complete in the government's four-year-old anti-trust suit against the Aluminum Company of America.

The testimony of these two principal witnesses, Judge Caffey said, "completely negates" the monopoly charges of the government so far as bauxite is concerned. "In so far as I can see," the court held, "the government completely fails to sustain

The raised there had been no evertaining that when Aloca took over stating that when Aloca and that over have short in operation, and there was not in operation, and that was not in operation, and that other than Aloca would ever have been and the stating of the government when he government when he were more points to the government when he will be sufficient to the many factors and it at each of the Stemman. That although Aloca produced that the government was the care of the stating of the stating of the stating of the stating all the wings all minimum plants. The stating of the stating of the stating all the wings all minimum plants. The stating of the stating all the wings all the wings all minimum plants. The stating of the stating of the stating all the wings all minimum plants. The stating of the stating all the wings all minimum plants. The stating of the stating all the wings all minimum plants and the wings all the wings all minimum plants. The stating of the stating all the wings all minimum plants and the wings all the wings all minimum plants. The stating of the stating all the wings all minimum plants and the wings all the wings all minimum plants and the wings all the wings all minimum plants and the wings all the wings all minimum plants and the wings all the wings all minimum plants and the wings all the wings all

Government Loses Three Points So Far. N.Y. Sun 10-1-41 The ess patents, which expired in that year; he held further that the Government had failed to sustain its charge that Alcoa owned or controlled the available deposits of bauxite, the mineral power sites in excess of its reasonable ess patents, which expired in needs as part of a plan to exclude that Alcoa ever acquired water-power sites in excess of its reasonable ess patents, which expired in needs as part of a plan to exclude that Alcoa ever acquired water-power sites in excess of its reasonable ess patents, which expired in needs as part of a plan to exclude that the government had failed to sustain its charge that Alcoa owner acquired water-power sites in excess of its reasonable ess patents, which expired in needs as part of a plan to exclude the sustain its charge that Alcoa owner acquired water-power sites in excess of its reasonable ess patents, which expired in needs as part of a plan to exclude the sustain its charge that Alcoa owner acquired water-power sites in excess of its reasonable ess patents, which expired in needs as part of a plan to exclude the sustain its charge that Alcoa owner acquired water-power sites in excess of its reasonable ess patents, which expired in needs as part of a plan to exclude the sustain its charge that Alcoa owner acquired water-power sites in excess of its reasonable ess patents.

Thatcher said.

The additional alumina plant worldwide Alcoa organization as would have a favorable effect on the aluminum plant, since it would help furnish sufficient alumina to keep the aluminum plant operating after the emergency, Mr. Thatcher and the complete the decision, the through a stock exchange with

as indicative of the outcome of tial number of rivers in the United States and in Canada af-Judge Caffey held that the fording greater potential power Government had failed to con-vince him Alcoa exercised a con-trol of the aluminum market prior to 1909 that it did not have that Alcoa had acquired power under the provisions of its proc- far in excess of its reasonable

The fate of the \$300,000,000 from which virgin aluminum is sonable needs," said Judge Caf-Aluminum Company of America obtained, and he ruled that the same obtained, and he ruled that the fey in pointing out that it was was still in doubt today as Judge Government had failed again in difficult for any organization to Francis G. Caffey continued to its proof that Alcoa had acquired anticipate future needs in this

REYNOLDS BUYS 2,000 ACRES OF **BAUXITE LEASES**

Expanded Opera- it. tions Planned.

Gazette 10-5-41

The Reynolds Mining Corporation, a subsidiary of the Reynolds Metal Company of Richmond, Va., has acquired leases on approximately 2,000 acres of bauxite lands in Pulaski and Saline coun-C. Schmedemann, in charge of explorations for the company, said

The lease agreements provide for payment of 50 cents for each ton of bauxite ore mined from the acreage, half of which is in Puboth counties within a few weeks. From 1,000 to 2,000 tons of ore will be mined daily. Several hundred wrokmen will be employed in the mining operations.

Mr. Schmedeman, who said his

company has entered the Arkansas bauxite fields with the intention of remaining permanently, said high-grade ore would be shipped for minum Company of America and processing at the Lister Hill plant operated by the parent firm at Sheffield, Ala. Low-grade ore will trial in court history. be mined for proposed alumina plants to be established by the federal government in Arkansas.

Mining operations of the Rey-nolds company will equal "the average to date" of the largest of the two other major bauxite min-ing firms in the state, Mr. Schmedeman said. Other major firms now operating in Arkansas are the Republic Mining and Manufacturing Company and the American Cyanamid and Chemical

Alcoa Again Upheld By Judge Caffey

New York, Oct. 4 (A).-A firm and foreign producers. having superior equipment and facilities will win out in competition without necessarily employing il'egal methods, Federal Judge Francis G. Caffey declared today in continuing his opinion and decisions in the government's anti-trust law case against the Aluminum Company of America and 48 co-defend-

ants.

Judge Caffey has cleared the defendants of 10 of the government's 12 charges that they monopolized certain phases of the aluminum industry. He was expected to rule next week on the other two and on whether the defendants, or any of them, conspired to violate the law.

"Suspicion Not Enough."

In his discussion today of the

In his discussion today of the charge that Alcoa monopolized the charge that Alcoa monopolized the production and sale in interstate commerce of aluminum sheet and aluminum alloy sheet, the judge outlined complaints of the Baush Machine Tool Company of Springfield, Mass., which allegedly was forced from the sheet aluminum business by Alcoa.

"The Baush president" said Caf-

"The Baush president," said Caf-y, "conceded that Alcoa had subjected it to fair and keen competition. The Baush president's complaint was the Alcoa undersold him while he was introducing a new product [duralumin]. If fair compecialist.

petition has its advantages for the public a competitor with superior advantages is entitled to avail himself of them."

From 1922 to 1931, the judge noted, Baush, according to its testimony, spent \$42,000 to improve its sheet production facilities. He said in his opinion Baush's actual expenditures for that purpose in that period were only \$15,000, while Alcoa, the record said, spent \$7,500, while Alcoa, the recor penortures for that purpose in that period were only \$15,000, while Alcoa, the record said, spent \$7,500,000 for the same purpose in the same period.

"Suspicion is not enough," the court declared. "The conduct of Alcoa may have left it open to crit-

Baush."

No Monopolization.

Baush, the judge said, failed to take advantage of mechanical improvements which Alcoa had used in making sheet aluminum. At one point, he said, Alcoa rolled sheets 138 inches wide while Baush, in a competitive attempt rolled but an accountitive attempt rolled but an account mpetitive attempt, rolled but an

Judge Caffey said there were at ties and probably will begin mining operations within a few weeks, O.

C. Schmedemann, in charge of ex-Alcoa while three made their own sheets. He said the government in his opinion had not proven any monopolization by Alcoa on that

laski county in the Sweet Home and Ironton areas, Mr. Schmedeman said. Plans are being prepared for the sinking of shafts in both counties within of shafts in Court Rules

Gazette 10-7-41

New York, Oct. 6 (A).-The govminum Company of America and 48 co-defendants after the longest

Federal Judge Francis G. Caffey, who has been reading his volumin-Beginning' Operations.

The Reynolds company, which opened an office in Little Rock last May to begin acquisition of leases, is "just beginning" its Arkansas operations, Mr. Schmedeman said "Our and the suit seeking dissolution of the company. Submission of evidence required 26 1-2 months, with Judge Caffey hearing the case "Our and the suit seeking dissolution of the company. Submission of evidence required 26 1-2 months, with Judge Caffey hearing the case without a submission of evidence required 26 1-2 months, with Judge Caffey hearing the case of the submission of the company.

operations, Mr. Schmedeman said.

"Our exploration program is in full force and we still are taking up leases," he said.

"Our exploration program is in full force and we still are taking up leases," he said. spiracy. In the opening portion of his opinion on these charges, Judge Caffey ruled there could be no injunctions against the defendants because of cartel agreements with Swiss, French, British, Norwegian and Italian aluminum produces. and Italian aluminum producers.

"The oldest of these agreements terminated 45 years ago," his opinion said. "The youngest came to an end 26 years ago. They are dead and gone. In accordance with the ruling I made earlier, with regard to the monopoly charges, there can be no injunctions."

To Consider Other Phases.

To Consider Other Phases.

Judge Caffey, however, said he would consider the cartel agreements in connection with possible. indications of misconduct against the defendants as alleged conspirators. The government charged the agreements provided for alloca-tion of the aluminum field between Aluminum Company of America

Similarity in Alcoa's prices and those of foreign firms competing in the United States was not indicative of any agreement between Alcoa and these firms to prevent competition, he ruled, adding that Alcoa had a right to agree with foreign companies that if they would "refrain from dumping" alu-

In his earlier verdict on monopoly charges, Judge Caffey said: "I rule that the charges of monopoly concerning 12 branches of Alcoa's activity have not been

He listed the branches as bauxite (aluminum ore), water power used in aluminum production, alumina, virgin aluminum (pig and ingot), castings, cooking utensils, pistols, extrusions and structural parts, foil, miscellaneous fabricated products, sheet aluminum and aluminum

Aluminum Plant Sites Inspected.

Gazette 10-8-41 A series of inspection trips in connection with possible sites for aluminum and power plants approved for Arkansas is being made by Clifton H. Chadwick, Office of Production Management plant site

Reasons Cited He said that such suspicions, as engendered by the testimony, were "spasmodic and do not make out a case of unfair competition against Baush."

the government's conspiracy charge against the Aluminum Company of

reading of his opinion in the anti-mended for Arkansas. Governor Adkins suggested that the agency had failed to show that these achad failed to show that these acquisitions or Alcoa's behavior in this connection "either directly or indirectly affected commerce of the United States" and added that the evidence did not warrant a finding that the acquisitions ever constituted a "real element" in the haiding up of Alcoa

has ruled there was no monopolization in 12 Alcoa activities as charged by the government.

Judge Caffey noted the Supreme Court had ruled that a corporation acting through subsidiaries in interstate commerce was not necessarily to be held for violation of the Sherman anti-trust law by subsidiaries. "The Sherman law does does not not the said was drafted by Ewing.

He was anxious, he said, to "have the meaning of the contract clarified so that the rights of the government will be fully protected." sidiaries. "The Sherman law does not compel competition," he said. "Repression of competition must be proven to establish a violation." He will resume dictating his opin-

Federal Fund For Bauxite Search Urged

Washington (A)—The House Appropriations Committee approved today funds for an eight-month search by the Bureau of Mines for sources of bauxite, the ore of alum-

sources of bauxite, the ore of aluminum.

Writing into the second supplemental defense appropriation bill a \$415,000 item for this purpose, the committee observed, "the defense requirements for aluminum greatly exceed the quantity of aluminum that can be produced from domestic bauxite and importations have been and are being brought in. The purpose of the appropriation is to determine the extent and the grade of domestic bauxite to increase the domestic bauxite to increase the

of domestic bauxite to increase the domestic supply."

Dr. R. R. Sayers, director of the Bureau of Mines, and Dr. W. C. Mendenhall, director of the Geological Survey, told the committee in testimony made public today that principal occurrences of bauxite ore were in Mississippi, Alabama, Georgia, Tennessee and Arkansas, with some relatively unimportant ones in Virginia.

Virginia.

In Georgia, said Mendenhall, it was feared that explorations would prove the reserves to be small.

He said it was necessary to increase the ore supply to handle the needs of national defense. He pointed out that in Arkansas, principal domestic source, there was enough of the present commercial grade to last only about three years. He said it would take about 3,500,000 long tons to handle each vear's needs.

No Evidence Of Conspiracy Declaring that "no decision has been reached" regarding the plant site, Mr. Chadwick said Saline County and Benton business men who charged last night the site already had been selected were "absolutely on the wrong track."

opinion against the government's monopoly charge.

Only one issue—that of alleged misconduct by the defendants—re-

against the Aluminum Company of America and 48 co-defendants should not prevail under the head of Alcoa's "foreign acquisitions."

Continuing for a seventh day the reading of his opinion in the anti-

Aluminum Expansion Drive to Be Probed.

Gazette 10-9-41 stituted a "real element" in the building up of Alcoa.

Judge Caffey further ruled that Alcoa had been charged with conspiring to restrain sales of foreign aluminum, but that no co-conspirators had been named and "there can be no conspiracy on the part of anyone without one or more co-conspirators."

Washington, Oct. 8 (P).—The Washington, Oct. 8 (P).—The Senate Defense Investigating Committee announced today it would question officials of the Aluminum Company of America next Tuesday on progress made in the drive to expand aluminum production. Witnesses will include Arthur Davis, chairman of the board of Alcoa, and

He did not indicate what his finance onclusion would be on the conspiracy charge. The court already has ruled there was no monopolization in 12 Alcoa activities as charged by the government.

Chairman Truman said he was "very much dissatistied" with the contract between the company and the Defense Plant Corporation of the government, a contract which he said was drafted by Ewing.

Sources of Bauxite To Be Explored.

Washington, Oct. 8 (A).—The House Appropriations Committee approved today funds for an eight-month search by the Bureau of Mines for sources of bauxite, the

ore of aluminum.

Writing into the second supplemental defense appropriation bill a \$415,000 item for this purpose, the committee observed, "The defendance of the committee observed," fense requirements for aluminum greatly exceed the quantity of aluminum that can be produced from domestic bauxite and importations have been and are being brought in. The purpose of the appropriation is to determine the extent and the grade of domestic benefit to the domestic or th bauxite to increase the domestic

supply."
Dr. R. R. Sayers, director of the Bureau of Mines, and Dr. W. C. Mendenhall, director of the Geological Survey, told the committee that principal occurrences of baux-ite ore are in Mississippi, Ala-bama, Georgia, Tennessee and Arkansas.

They said that in Arkansas, principal domestic source, there is enough of the present commercial grade to last only about three years.

Plant Studied

Democrat 10-10-41
T. D. Jolley, chief engineer for the Aluminum Company of America, and a representative of the Decomposition of the De fense Plant Corporation of the RFC arrived in Little Rock last night for final conferences with Clifton H. Chadwick, plant site specialist, Aluminum Division, Office of Production Management, regarding the selection of a site for a proposed \$60,000,000 aluminum plant for the state.

New York, Oct. 8 (P).—The government lost the second round in the wrong track."

He declared a final decision should be reached in a "day or two" and added that an announcement could be expected soon from Washington.

misconduct by the defendants—remained to be passed on by the court before a final ruling is made on the government's demand for injunctions, dissolution of the alleged trust and appointment of receivers and trustees.

The misconduct division of the tri-part charge will be taken up by Judge Caffey tomorrow, nine days after he started reading his opinion following the longest trial in history—more than two years.

SIMPSON TO WASHINGTON.

Lawson Simpson, Governor Adkins' executive secretary, has gone to Washington to represent the governor at a conference with Defense Plant Corporation officials on the proposed creation of an agency to buy bauxife for the alumina and aluminum plants recom-

mina and aluminum plants recommended for Arkansas. Governor Adkins suggested that the agency be established to expedite operations and give all producers an equal opportunity to sell their ores.

Aluminum Expansion to be answered is why a "mouth of the mine" location was ignored and Camden, approximately 100 miles distant, was chosen for the plant site.

Adkins Urges Impartial Site

posed of.

"Delegations from Malvern and Benton sat with me in Washington," the governor said, "and heard me making telephone calls in an effort to obtain the same gas rates for Calion, Camden, Benton and Malvern, I was trying to get a standard rate so that no locality would be at a disadvantage because of different rates."

"understanding probably occurred at Washington recently when delegations from Camden, Benton and Malvern were there to press their claim for the plant.

"Congressman Ellis, in a radio speech while they were there, referred to Camden as the future aluminum center of America."

As further evidence of his impartiality in the matter the governor said he had called Clifford H. Chadwick, OPM plant site specialist this morning to again request that the aluminum plant site be selected impartially on the basis of economic qualities.

Adkins Cites Efforts

To Facilitate Selection.

Governor Adkins said the Benton "mass meeting" was attended by nine persons. One of them was quoted by the Gazette's correspondent as saying Governor Adkins to the same partially on the basis of economic qualities.

ent as saying Governor Adkins telephoned a Camden business man of all possible locations be considered," the chief executive added, "and even asked him to go back to Malvern to look at another site they have there."

ent as saying Governor Adkins telephoned a Camden business man September 1 to congratulate him "on the fact that his city had been selected as the site of the aluminum plant."

there."
Mr. Chadwick, he said, denied that the aluminum plant site had yet been selected. The unnamed Benton group, quoted by news stories, charged that Camden had already been picked as the site for the plant, and that Governor Adkins last month called a Camden man to congratulate him on Camden having been chosen.

The group read by the group seeking the plant for that city." the governor said. "Delegates from Malvern and Benton sat in my room at Washington and leard me telephone to Shreveport [headquarters]

Alcoa Of All Charges

Gazette 10-11-41

New York, Oct. 9 (P).—The gov- Bauxite Plan Would ernment's petition for dissolution Aid Small Owners.

any or all of the defendants named in the government's anti-trust suit

Arkansas' proposed alum.
Arkansas' proposed al ment has failed to prove its charges in any of the three phases into which it divided the case, namely: monopolization; 2, conspiracy

MISUNDERSTOOD SPEECH BLAMED IN SITE DISPUTE

Plant Location Not Yet Chosen.

Gazette 10-11-41

A radio speech delivered at Washington by Congressman Clyde T. Ellis of Bentonville probably led to the mistaken belief at Mal-

Selections
Democrat 10-10-41
Absolute impartiality in location of defense plants in Arkansas has been excised on his part, Governor Adkins said today, and declared that anyone who knows the facts, knows that no influence has been brought favoring any particular locality.

He made the statement in commenting on news stories from Benton in which an unnamed group was quoted as charging that their localities had been discriminated against and that the site for the proposed aluminum plant had been disposed of.

"Anyone who knows the facts knows that no official influence has been used in behalf of one location against another. The misposed of.

"Delegations from Malvern and Benton vita a proposed story and Benton vita a proposed story and been allocated to Camden, Governor Adkins said yesterday.

Referring to a meeting of Saline and Hot Spring county residents at Benton Thursday night, at which a charge was lodged that a site for the plant had been chosen at Washington before an OPM engineer reached the state this week, the governor said:

"Anyone who knows the facts knows that no official influence has been used in behalf of one location against another. The misposed of the proposed of the proposed of the proposed story and t

Adkins Cites Efforts

ent as saying Governor Adkins tel-

The governor said this morning the man referred to was Ben Laney. Louisiana Gas Companyl in an ef-

man referred to was Ben Laney.

"I did call Mr. Laney but only to advise him that certain data should be prepared by the group seeking the plant for that city."

Saying that Camden had been working for more than a year to obtain an aluminum plant, Governor Adkins declared that all possible aid had been given other localities seeking the plant. He exhibited a prospectus prepared by the state Agriculture and Industrial Commission for him and said various state agencies had assisted in the preparation of a prospectus for other cities.

Judge Frees

Louisiana Gas Company] in an effort to obtain equal gas rates for such a plant at all cities from Remmel Dam to Calion.

"I asked Mr. Chadwick, OPM engineer who is in Arkansas to select a sitel to weigh the economics involved at all potential locations. I asked him today to return to Malvern and inspect another site. The state Agricultural and Industrial Commission has co-operated with all cities asking aid in preparing brochures for presentation to the OPM, including Malvern, Benton, Camden and Calion."

T. D. Jolley, chief engineer of the Aluminum Company of America, was at Bauxite yesterday. He

ica, was at Bauxite yesterday. He was joined later by a representative of the Defense Plant Corporation of the Reconstruction Finance Corporation. The Aluminum Com-pany has a contract to build and operate the plant when a site is selected.

of the Aluminum Company of Governor Adkins said he conof the Aluminum Company of America and the so-called trust which it alleged Alcoa and 24 corporate co - defendants comprised was denied today by Federal Judge Francis G. Caffey.

Petitions for injunctions against Mr. Adkins said.

"Few small land owners could afford to test for bauxite," he added, "while the Aluminum Company Comp

pany are able to take care of them-

Labor Problems Left To Local Leaders.

ceived many telegrams from C. I. rent generators with capacity of O. leaders protesting against what they termed discrimination in favor of the American Federation of Labor at defense plants in Ar-

"I understand the C. I. O. has imported some labor from East St. Louis, Ill., site of an aluminum plant, since it won an election among employes at the Republic Mining and Manufacturing Company bauxite mines in Saline county," he said. "This may be true of the A. F. of L. at other

"I'm disposed to let each city and plant take care of its own labor problems.'

Governor Adkins has not replied to the C. I. O. telegrams.

Plant Site Report Due Wednesday

Gazette 10-12-41

Clifton H. Chadwick, Office of Production Management engineer, said here yesterday that his report on probable sites for construction on probable sites for construction of a \$60,000,000 aluminum plant in Arkansas will be delivered to OPM officials at Washington Wedness-

No announcement of a selection will be made until then, he said, as he prepared to board a plane for California.

Cities mentioned in connection with the site are Camden, Malvern, Benton, Pine Bluff, Arkadelphia, Calion, Helena and West Mem-

No work order for construction of a \$21,000,000 alumina plant in Saline county has been received by the Republic Mining and Manufacturing Company of Bauxite, subsidiary of the Aluminum Company of America.

Statehouse circles heard an unconfirmed report that Camden stood in the No. 1 position but this was rejected by officials, who said

REMMEL DAM A POSSIBLE SITE FOR BIG PLANT

Likely to Be Lo-Bauxite Ore cated on River.

Gazette IU-I4-41

ably will be built on the Ouachita river at a site not many miles questions they colud be asked to from Bauxite, it was learned yes- face. terday.

firmed by representatives of com- mined?

will be made until the Office of dropped. Production receives a report from Clifton Chadwick, OPM engineer, who toured the state last week. Leaving here Saturday, Mr. Chadwick said he would make his report in Washington Wednesday.

It is estimated that eight months

will be required for construction of the aluminum plant, If it is located any considerable distance from the \$21,000,000 alumina plant to be built between Bauxite and Bryant, approximately 300 freight cars per day would be required for moving alumina to the aluminum plant. A grade ores being used to produce alumina, the remainder of the de-

pany and Reynolds Metals Com- Built in Connection.

A relatively small power plant will be built in connection with the aluminum plant. Present plans call for seven natural gas-operated, The governor said he had re- Diesel engines to drive direct cur-5,000 kilowatts each. The gas would be sweetened "sour gas" from south Arkansas, One generator would be used as a stand-by. The Arkansas Power and Light

Company and other private utilities are expected to supply the remainder of power needed on a tem-porary basis until a major power station is completed. This construction would require an estimated two or 2 1-2 years. The major sta-tion would have two 35,000-k.w. steam-operated generators, producing alternating current, which must be converted to direct current of 30,000 k.w., allowing for 5,000 k.w. conversion loss.

When the main power plant is completed, private utilities may have a contract to supply stand-by and emergency power. The Ark-La Electric Co-operative, composed of Arkansas and Louisiana co-operatives of the Purel Floatification. tives of the Rural Electrification Administration, wants to build the plant or at least to supply the stand-by power.

Might Strengthen Power Company's Position.

Water supply is a major factor in the site selection. Remmel dam, which impounds the Ouachita river to form Lake Catherine, is down-stream from Carpenter dam, which forms the larger Lake Hamilton. Persons who are not connected with the A. P. and L. and who position in its request for the Federal Power Commission to renew permission for the construction of the proposed Blakely dam on the Ouachita. The A. P. and L. wants the F. P. C. to rescind an order cancelling the authority, issued last summer, but A. P. and L. officials said yesterday the Blakely dam project was not involved in the aluminum plant.

Gazette 10-16-41 Announcement of the site of the \$60,000,000 aluminum plant recom-mended for Arkansas by the Office of Production Management is expected by Governor Adkins before Sunday, the governor said yesterday, following a telephone conversation with Washington.

Clifton H. Chadwick, OPM site

specialist, has been delayed a day in filing his report and recommendations on sites by failure to obtain airplane accommodations between Little Rock and Washington, Governor Adkins said. Mr. Chadwick was forced to go to Kan Chadwick was forced to go to Kansas City, Mo., by train to secure a plane for Washington. He had hoped to file his report yesterday.

Of Big Plant

State-Owned Poses Problem

State officials who are custodians The \$60,000,000 aluminum plant of the largest unworked bauxite derecommended for Arkansas probafraid—that they soon will be faced with one of the most controversial

Remmel dam was named as the site in rumors which were not con-

panies which would be affected.

Latest geographical speculation centered on a Hot Springs-Malvern-Benton triangle.

No announcement of location

When an effort was made four or five years ago to sell or lease mineral rights on the property, forcing the state to move the inmates of the home, women patriotic organizations immediately set forth for battle. The result was that the plan was

Now bauxite figures prominently in the nations defense effort. Baux-ite must be had to make aluminum. Arkansas produces 90 per cent of the United States domestic supply— and the state-owned ore on the Con-federate Home property becomes more valuable each day.

An estimated 325,000 tons of known deposits have been located on the property. Of this amount, 159,000 alumina content. Now, with lower

posit could be used for commercial aluminum production.

Members of the Board of Trustees of the institution here said they had been expecting for several months that the question of using the bauxite would be raised again. If it is, they agreed, the United Daughters of the Confederacy is certain to oppose the nfederacy is certain to oppose the

Some state officials have said that he Office of Production Manage-nent has been casting covertous eyes. at the state-owned bauxite. They were afraid the OPM would step in and requisition the ore—at a price to be fixed by the government agen-

"The bauxite always will be there," one official said. 'It won't deteriorate. If the government decides it wants it some arrangements will have to be made."

Alumina Plant Being Cleared Near Bauxite

and Bryant on which a \$60,000, on the government has been started by crews of workmen from the Republic Mining and Manufacturing Co., L. R. Branting, superintendent, said yesterday.

Declaring that the work was only preliminary and that "we are just going ahead on our own," Mr. Branting said a contract for the construction of the huge plant had not yet been awarded by the Office of Production Management.

The plant will be operated by the Office of Production Management.

await the final decision on power plant sites and the whole thing will be amounced at one time. Meanwhile officials declined to give any indication as to where the aluminum plant is to be located.

Rep. W. F. Norrell said he has been "assured absolutely" that the aluminum plant will still go into Arkansas and that the new power facilities probably will be put there also more or less as originally planned.

It was not possible to learn what the power situation is, who will not the power situation is to be located.

The plant will be operated by the Office of Production Management.

Aluminum Company of America, which also owns Republic Mining and Manufacturing. It will be located a mile from the bauxite mines.

Mr. Branting said a right-of-way for a spur track from Republic's railroad had been cleared and timber cut and stumps removed from

ber cut and stumps removed from

The capacity of the Bauxite plant has not yet been determined. Originally scheduled to produce 500,-000,000 pounds of alumina annually, officials later said the capacity might be doubled to take the place of a second plant which was contemplated.

ington in announcing the site of the proposed \$60,000,000 aluminum plant is arousing curiosity among residents of central Arkansas. Pertinent questions regardin gthe de-lay were raised at a meeting today of Benton business men interest-ed in bringing the aluminum plant

The Gazette Legister of the Gazette Legister of Capitol Springs, Oct. 31.—Reporting it had received information from "capitol circles in Little Rock and Washington." the Hot Springs Post

these developments.

"To us it seems wrong," the Saline county group said, "for young men to be drafted for defense of their country and then sold down the creek for a mess of political pottage. With aluminum necessary to the defense program, and with labor, water power, transportation facilities and power available at the mouth of the mines, we believe it wrong for those in high places to

nomics and not political strategy

Decision Due On Aluminum Plant Site Soon

By B. N. TIMMONS. (Democrat Washington Bureau.)
Washington—A final decision on
the location of the Arkansas aluminum plant, and large scale power fa-

here today.

There have been conferences on it There have been conferences on it over last week-end which extended through this week. As a result, it was reported, the minerals section of the Office of Production Management and Aluminum Company of America have agreed on a site for the aluminum plant.

However, announcement of it must await the final decision on power plant sites and the whole thing will be announced at one time. Meanwhile officials declined to give any

The plant will be operated by the luminum Company of America, or that the decision has not been

Power Issue Causes Delay.

They are all agreed that a decision will be reached very soon now and

they expect it at almost any time.

The question of power has been hanging fire here for several months and has been holding back installation of the aluminum plant.

Option on the 400 acres was held by Republic, Mr. Branting declared. Government lawyers are checking the abstract of titles before title is deeded to the government, he said.

A contract for construction of the plant, which will use ore from the nearby mines to make alumina—the base of aluminum—is being negotiated in Washington now, Mr. Branting said he had been informed. With the preliminary work already done, actual construction can begin son after contracts are let, he said.

It means millions of dollars going into Arkansas, a total which eventually may run over \$100,000,000, consequently federal officials have been exploring all possible angles and have been going into the question thoroughly and completely. They have made more than one survey of resources and possible facilities in Arkansas and have discussed which agency of the government shall build it and who will operate it.

It has been estimated it will require eight months to build the plant.

The capacity of the Bauxite plant has not yet been determined. Originally scheduled to produce 500, in all y scheduled the state at present, officials of the Arkansas Power and Light Company

> eral officials have taken on the pow er issue, it is now just about settled and should be announced in a few days. An announcement was expected last Monday, then Tuesday, then today. Now it is expected tomorrow or possibly Monday again.

Hot Springs Hears It's To Special to the Gazette. 10-23-41 Benton, Oct. 22.—Delay in Wash-

Special to the Gazette. 11-1-41

of Benton business men interested in bringing the aluminum plant to Saline county.

Arch Cooper, Saline county tax assessor, gave to the Gazette's correspondent a statement of four predictions that the group formulated: "If they prove false," Mr. Cooper said, "you have my promise of sincere repentance and apolooper said, "you have my promise f sincere repentance and apology."

Announcement of the location of the aluminum plant will be delawinum plant will be delawinum plant will be delawinum plant will pentaged until some political alignments are adjusted.

The plant will finally go to Camden, as promised months ago, despite the fact that Camden is 100 miles from the bauxite mines.

Malvern and Benton will be given some small industries as a kind of soothing syrup.

Governor Adkins will be able to erating plant, and that several officials said "It looks like Hot Springs will get them." The paper quoted Governor Adkins as saying that the quently in capitol speculation out side the governor's office. A Ho Springs - Malvern - Benton triangle which includes Remmel dam habeen the runner-up among favor ites.

New Delay In

Proposed Site Near Dam.

The paper said also that the alum-

kind of soothing syrup.
Governor Adkins will be able to give plausible explanations of all these developments.

Proposed Site Near Dam.
The paper said also that the aluminum plant site will be between Cove creek outlet into Lake Catherina and Remmel dam, and the

However, it is improbable the lake ever will reach the peak levels.
It usually is held at 304 feet, acting as a stabilizer for Carpenter dam, which holds Lake Hamilton's level at 400 feet.

Employes at the dam said that peak loads of electricity now being supplied would tend to keep the water down. Even though the water did reach its peak level, the site would be only about 50 yards from the main land, and a roadway could

the main land, and a roadway could be constructed to lead to the site, it was said.

The size of the power plant, if it is established as a 150,000-kilowatt unit probably would be second only to a Philadelphia's 160,000-kilowatt plant, the leggest "rolf cartained" plant, the largest "self-contained" plant in the United States.

It is estimated two years would be required to build the two plants.

General Power Policy Decided On for Aluminum Plant.

Washington, Oct. 31. (A).—Congressman Oren Harris of Arkansas said tonight defense officials had decided on a general power policy for the contemplated new alumi-num plant for Arkansas, which would pave the way for early con-struction. He said the policy would be to have the Defense Plant Cor-poration construct a huge power plant, to be operated in conjunction with the aluminum manufacturing plant. Interim power would be obtained from a "pool," he said, but the sources of the pool were one of the factors undetermined, and delay of the aluminum plant site announcement as "a war of the leastion."

aluminum plant, which will be operated for the government by the crated for the government by the company of America.

operate an alumina plant in connection with the processing plant. Alumina is the powdered substance from which aluminum is made.

The power plant will be of 135,000-kilowat capacity and will utilize Arkansa's tremendous "sour-gas" Assured

reserves as fuel. This gas requires chemical treatment for removal of

a sulfur content.

The aluminum plant will have a production schedule of 120,000 pounds yearly. Mr. Harris believed it would cost upwards of \$12,000,000.

The power plant will cost approximately the same mately the same.

Governor Says Site May Be Announced Today.

rumors.

Governor Adkins said yesterday that the announcement of the location might be made in Washington today. He said he did not know the site to be favored.

Governor Adkins said yesterday that the announcement of the location might be made in Washington today. He said he did not know the site to be favored.

asked the OPM Aluminum Division chief "not to consider me, mayors or anyone else in making the selection because the main thing is that Arkansas wants an aluminum plant."

"It is the intention to use Arkansas bauxite, particularly the lower grade, high silica material which has heretofore had a very limited market.

"Metals Reserve Corporation will application of the control of

Aluminum

special railroad might be necessary.

posit could be used for commercial dicker with, maneuvers or delay the sary.

dicker with, maneuvers or delay the sary this week, make an island of the proposed "probably Tuesday or Wednesday,"

Members of the local trailroad might be necesaluminum production.

Members of the Board of Trustees production of aluminum. We appeal for patriotism and sound ecopeal for patriotism and sound Congressman D. D. Terry said in Washington yesterday

Mr. Terry said OPM officials had indicated the new announcement time. The official announcement

The site is expected to be on or near the Ouachita river. One of the prospective locations, near Remmel dam in Hot Spring county, is close to limestone deposits estimated to contain 300,000 tons. Limestone will be used at an alumina plant, to be built between Bauxite and Bryant in Saline couninstead of at the aluminum plant.

A \$20,000,000 power plant may be built near the potential Remmel dam site.

Camden and Calion are leading contenders for the plants.

Pessimistic observers attributed the continued delay to interdepartmental disputes in Washington Secretary of the Interior Ickes having criticized Secretary of Commerce Jones for the government's general contract with the ment's general contract with the Aluminum Company of America, which will operate the Arkansas plants. Rivalry between Arkansas communities is of little concern in the capital, these observers believe

Any Sort of Decision Would Be a Relief.

the factors undetermined, and delaying decision as to the location of the plant and adjacent powerhouse. Lake Catherine and Camden are under consideration.

Mr. Harris estimated construction of the powerhouse would require 22 to 23 months. He said he had received his information regarding the power policy during conferences with officials of several defense agencies today.

The Defense Plant Corporation, a subsidiary of the Reconstruction Finance Corporation, was selected several weeks ago to construct the aluminum plant, which will be op-

Assured

Gazette 11-7-41 Washington, Nov. 6. (A).—Senator Caraway (D.-Ark.) said she had

been assured today by the Office of Production Management that independent bauxite producers of Arkansas would find a ready marke for their ore at an alumina plant projected for that state.

She said she and Representatives Norrell and Terry had received a letter advising that the Metals Reserved Corporation would received.

nemmel dam and vicinity has been mentioned as a possible plant site recently. Spokesmen for companies which would be afected by such a selection did not confirm the rumors.

Governors of the control of the bauxite of Saline county and the adjoining area.

(Alumina is a powedered substance don't be stance don't be serve.

that the announcement of the location might be made in Washington today. He said he did not know the site to be favored.

Three groups of engineers have been in Arkansas surveying potential sites for the plants. The Ouachita river has been surveyed from Remmel dam to the Louisiana line. The governor previously had expressed belief that the aluminum plants for the government in Arkansas.

Use Low Grade Ore

"As you doubtless know, a large"

plant would be built at Malvern, Camden or Calion, all on the Ouachita river.

The governor said that in a telephone conversation yesterday he asked the OPM Aluminum Division chief "not to consider me mayors as hourits period or the consider me mayors."

In Arkansas.

Use Low Grade Ore

"As you doubtless know, a large alumina plant has been recommended by the OPM for Arkansas."

"It is the intention to use Arkansas sated."

Camden has been mentioned frequently in capitol speculation outside the governor's office. A Hot Springs-Malvern-Benton triangle which includes Remmel dam has been the runner-up among favor-likes.

'Actual stock purchase and stock piling of bauxite can not begin until the completion of the new alumina plant which will include crushing, sampling and laboratory facilities. It is hoped that it will not be long before the government will in a position to receive bauxite."

Plant Delay, Says Jones

Gazette 11-13-41

Washington, Nov. 12 (P).—Loan Administrator Jesse Jones said today there had been no delay in the administration's program to construct a huge aluminum plant in Arkansas. He told an interviewer there was nothing to add to this comment other than to say the plant would be built.

Representatives Norrell and Harman and the proposed aluminum plant allocated to Arkansas is not erected at Camden, was studied by state officials yesterday.

The telegram was sent from Washington, D. C., to Frank Kelly, an official of the Arkansas Louisiana Gas Company at Shreveport, La. Time was 2 a. m.

The gas company was warned that, if the big plant is given to the Hot Springs-Malvern-Benton area, a newspaper column which is syndicated nationally will be used to "elect an anti-utility Arkansan in the United States Senate."

Since the gas company has had

plant had not been started.

"There has been no delay in the program," Harris and Norrell said, were ordered some months ago.

No Aluminum Mr. McClure's Threat Surprises Officials.

A telegram signed by W. C. Mc-Clure, secretary of the Camden Chamber of Commerce, who threat-ened political repercussions if the

Representatives Norrell and Harris of Arkansas commended Jones for his interest in establishment of the plant and elaborated on the reason no site has been announced. Representative Ellis had been critical because construction of the plant had not been started.

In the United States Senate."

Since the gas company has had no part in selecting a site for the plant, the telegram was turned over to Governor Adkins and members of the state Utilities Commission. Speculation had it that the telegram referred to the Washington Merry-Go-Round, a column written by Drew Pearson and Robert S. Allen and published in the Ga-Allen and published in the Ga-

Since that column has been com-"because the materials and ma-chinery for the aluminum plant Congressman Clyde T. Ellis, those who studied the telegram concluded "There has been some delay in working out which will be the most bentonville lawmaker, who has economical site. However, if the site had been selected months ago, the situation wouldn't be more adMr. Ellis has been an outspoken

vanced because the materials needed for construction are just now becoming available." Undecided on Two Sites. It has been announced the Defense Plant Corporation, a subsidiary of the Reconstruction Finance Corporation, will finance construction of the aluminum plant and

Current Converted.

All aluminum is made with direct current, but standard practice is to obtain alternating current and convert it to DC just before applying it to the "pots."

Seven direct current generators of 5,000 kilowatts each and powered by gas-fired Diesel engines will supply the power for the one unit. One of the generators will be for standby use.

generating plant adjoining the aluminum plant.

If the aluminum plant is located on Lake Catherine, the power plant probably will be located on a peninsula jutting out into the lake, in order that lake water may be used in the condenser system. The condensers, which cool steam after it has passed through the turbines into that probably the turbines into the boilers, require huge amounts of water, but it is pumped back after absorbing heat from the steam.

Outside Power Needed.

pound aluminum plant recommended for Arkansas, well-informed sources said last night.

Equipment will be delivered at the site selected for the plant. The fact that orders are being placed increased the assurance, given in Washington last week, that a delay in selecting the location does not mean that Arkansas will not get the plant.

Diesel motors capable of generating 60,000 kilowatts of direct current are included in the equipment ordered. Alcoa has placed

Steam.

Outside Power Needed.

Each of the "pots" in the aluminum plant will have a capacity of 30,000 pounds and the first "pots" will be in operation before the entire plant is completed. More time will be required for construction of the generating plant, and a source of interim power will be necessary.

A permanent connection with an outside power source also will be necessary, since each of the three 35,000 KW generators in the power plant will have to be overhauled annually. While each of the generators is idle for overhauling, 20,000 KW generators in the power plant will have to be overhauled annually. While each of the generators is idle for overhauling, 20,000 KW generators in the power plant will have to be overhauled annually. While each of the generators is idle for overhauling, 20,000 KW generators in the power plant will have to be overhauled annually. While each of the generators is idle for overhauling, 20,000 KW generators in the power plant will have to be overhauled annually. While each of the generators is idle for overhauling, 20,000 KW generators in the power plant will have to be overhauled annually. While each of the generators is idle for overhauling, 20,000 KW generators in the power plant will have to be overhauled annually. While each of the generators is idle for overhauling, 20,000 KW generators in the power plant will have to be overhauled annually. While each of the generators is idle for overhauling, 20,000 KW generators in the power plant will have to be overhauled annually. While each of the generators is idle for overhauling, 20,000 KW generators in the power plant will have to be overhauled annually. While each of the generators is idle for overhauling, 20,000 KW generators in the power plant will have to be overhauled annually. While each of the generators is idle for overhauling, 20,000 KW generators in the power plant will have to be overhauled annually. While each of the generators is idle for overhauling, 20,000 KW generators in the power plant will have to be overhaule

Arouses Much Interest — 41 ments of Arkansas's proposed aluments of Arkansas's proposed aluments of Arkansas's proposed aluminum plant.

Zeal shown by Camden and the He said the equipment was orthe area is the Rock Island rail-road while the Missouri Pacific

A contract for use of Arkansas sour gas reserves for fuel in manufacture of power is being negotiated.

Search for Power.

The congressmen said arrangements were under way to assure a source of power for use until the new power plant was in operation.

They explained it would not be completed for about 22 months.

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The governor announced that he been recommended as the site for the form and OPM engineer returned to Arkansas. Governor Adkins said the engineer came back to inspect to Arkansas. He left by plane for Calofirnia with a forecast that an announcement would be made about four days later. That was three weeks ago. He said flatly that no site had been approved at that time.

The governor announced that he been recommended as the site for the form and opposite to Arkansas. Governor Adkins said the engineer returned to Arkansas. Governor Adkins said the engineer came back to inspect to additional sites. He left by plane for Calofirnia with a forecast that announcement would be made about four days later. That was three weeks ago. He said flatly that time.

The governor announced that he completed for a part of the power of the St. Louis, industrial commissioner of the St. Louis to Arkansas. Governor Adkins said the engineer returned to Arkansas. Governor Adkins said the engineer returned to Arkansas.

Hot Spring the form a part of the Arkansas and the engineer returned to Arkansas.

The source of power for use until the announcement would be made about four days later. That was the form announcement wo

the use of amagamated aluminum as a catalyst has been accepted by the Journal of the American Chemical Society for publication in the November issue.

It catalyst is a substance used in chemistry to accelerate a reaction sought, the catalyst remaining practically unchanged process is completed.

This paper represents the finding of extensive research work and University and A. M. & N. College. The discovery of the use of amagamated aluminum as a catalyst is a substance used in chemistry to accelerate a reaction sought, the catalyst remaining practically unchanged process is completed.

This paper represents the finding of extensive research work and University and A. M. & N. College. The discovery of the use of amagamated aluminum can actalyst is a substance of the plant is still column would be used to support.

Arkansas advocates of publicly area and various year and various process in come word that the final decision of OPM the aluminum come word that the final decision of the plant is still endead in chemistry to accelerate a reaction sought, the catalyst is as substance used in chemistry to accelerate a reaction sought, the catalyst is assigned to congressman said reports.

The congressman said reports are completed, and the research work and the res

Gazette 11-19-41

The Aluminum Company of by use. The Aluminum Company of Each of the three remaining "pots" America has placed order for \$1,-also will require 30,000 kilowatts for operation. To supply them, it is planned to construct a 105,000 kw used in operating the 100,000,000generating plant adjoining the alum-num plant. each city. Mr. Star

provide the major power require-ments of Arkansas's proposed alu-

Blamed For

Blamed For

Mayern-Hot Springs-Benton area in their fight for the proposed Solomon with its Both are to be leased to the Aluminum Company of America.

It is said the plants will be at Lake Catherine or Camden, depending on final estimates indicating on final estimates indicating on final estimates indicating from the standpoint of land costs, freight rates and other angles.

A contract for use of Arkansas are severes for fuel in manu
The said the equipment was or the said through the Defense Side through the Springs Benton area in their fight for the proposed side and the Mayern, as well as the entire Side of America through the Defense Side through the Defense Side through the S

Mr. Rockenback said that OPM three weeks ago. He said flaily that no site had been approved at the said many that the said many that the said had been circulating in south Arkanasa that he was endeavoring to influence the location of his possibility of the said said that he was endeavoring to influence the location of the aluminum plant because the plant built at Canden.

It is said he received almost identical telegram received by some of the bauxile ore to be used in the plant will be shipped to have the plant that at Canden.

It have never said a word or or or any other town as against the rest in the location of the aluminum plant that charles and that certain ones are considered, he said some of the bauxile or to be used in the plant town the town as against the rest in the location of the aluminum plant that charles and that certain ones are considered, he said some of the bauxile or to be used in the plant town the town as against the rest in the location of the aluminum plant that canden in the plant town the town as against the rest in the location of the aluminum plant the plant town to have the plant for Arkanas.

In the checked into and lawe determined the source is political constructed at all because they fear it would be used in competition with them after the warm.

Plant Proposed in the plant that source week ago. The plant somewhere in Arkanasa the first controlled to the plant that source were avoided to the plant that source were avoided to the plant that th

Malvern can't give too much thanks to their congressman."

Location of Plants.

The aluminum plant will be located on the first point west of Remmel dam (above it) and on the north side (the Hot Springs side) of Lake Catherine, Mr. Stanley said. The site is a broad peninsula which juts out into Lake Catherine just above the dam. While the nower plant and the aluminum both the aluminum both the aluminum both the aluminum plant and the power plant which juts out into Lake Catherine just above the dam. While the nower plant and the aluminum

be used daily to cool the big motors. The water will be pumped through the plant from one side of the peninsula and out again on the fought battle in which I have enther side begin into the lake and greed at any time due to the effective process of the peninsula and out again on the fought battle in which I have enther side begin into the lake and greed at any time due to the effective process of the peninsula and out again on the fought battle in which I have enther side begin in the lake and greed at any time due to the effective process of the peninsula and out again on the peninsula and out again of the peninsula and out again and out again of the peninsula again of the peninsula and out again again of the peninsula and out again again of the peninsula again of

other side back into the lake, and will not be contaminated.

The aluminum plant will be located immediately adjoining and just back of the power plant. It is estimated that 120,000 tons of alumina will be shipped inbound to the plant annually and would produce about 60,000 tons of aluminam.

To Utilize Much Power.

Estimated production of the power plant would be 120,000 kwh daily, that amount to be used by the plant itself. When compared with the 3,000 kwh peak load used by Hot Springs in a day, it represents a tremendous amount

BIG ALUMI-**Factory and Power** Facilities to Be On Lake Catherine.

Gazette II-20-41 Washington, Nov. 19 (AP).—Jesse

just above the dam. While the power plant and the aluminum plant proper will occupy only about 30 acres, the entire project will have a 400-acre plat for development. It will be located almost equi-distant between Hot Springs and Malvern, about 12 miles from each city.

Mr. Stanley said that the power plant will be built on top of the peninsula and will utilize "sour" gas from the south Arkansas field. He said that 124,000,000 gallons of water from Lake Catherine would be used daily to cool the big

other side back into the lake, and gaged at any time, due to the ef-will not be contaminated. gaged at any time, due to the ef-ficient efforts of Congressman Har-

ly that Congressman Harris would have won if his position had been

supported by the economic and engineering factors.

"However, careful analysis of the available evidence indicates that it would cost more to construct and operate the plants at Camden than

sents a tremendous amount of power.

The figure is said to exceed the total present Arkansas power consumption by approximately 45,000 kwh.

Serving the immediate locality of the area is the Rock Island railroad while the Missouri Pacific Lines is only six miles distant.

To Employ 3,000 Men.

Preliminary estimates are that the vast project will employ 3,000 men for more than two years while construction is under way, while a permanent force of 600 technical workers would be employed construction of these plants at Camden than at Malvern.

"I appreciate the splendid co-operation I have had in securing the location of these plants as near as possible to the bauxite deposits, having special reference to the delegations which have come to Washington from Benton, Hot Springs and Malvern, as well as the entire citizenship of that area, who have so graciously supported our efforts.

"The figure is said to exceed the Malvern.

"I appreciate the splendid co-operation I have had in securing the location of these plants as near as possible to the bauxite deposits, having special reference to the delegations which have come to Washington from Benton, Hot Springs and Malvern.

"I appreciate the plants at Camden than at Malvern.

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"I appreciate the splendid co-operation I have had in securing the location of these plants having special reference to the delegations which have come to Washington from Benton, Hot Springs and Malvern.

"I appreciate the splendid co-operation I have had in securing the location of these plants having speci

The project is being planned by the Office of Production Management, financed by the Plant Site Division of the Reconstruction Finance Corporation, and will be operated by the Aluminum Company of America.

While construction will start on the power plant and aluminum plant at the same time, the latter will bring in outside power to start production if it is completed first. Diesel engines will be used to pull the generators in the power plant.

BIG

mediately and anuminum made in the plant by June of next year.

"The power plant is a major project, the exact cost of which cannot be accurately estimated at this time. However, the sum involved for construction of the power plant is approximately \$20,000.

The action today assures for that section of Arkansas a mammoth industrial growth through the years to come and I am glad to have had some small part in securing the location of the plants where they justly belong—in the Benton-Malvern-Hot Springs area, which is the point nearest the bauxite deposits for the location."

Plants to Be Located Near Remmel Dam.

The aluminum plant announced for Arkansas yesterday will be in Hot Spring county, approximately two miles from the Garland county line; 10 miles southeast of Hot Springs; 12 miles northwest of Mal-vern; and 25 miles southwest, air-line of the alumina plant being built between Bauxite and Bryant, Saline county.

RN Its power plant will be on a peninsula in the lake, approximately 400 yards above Remmel dam. The aluminum plant site, adjoining the lake, extends east down the Ouachits river. Its lake shore is opposite that of Lake Catherine State park. The Rock Island Lines' station at Cove creek is at the northeast corner of the aluminum plant tract. The tract extends approximately one-half mile north-south and three-quarters of a mile east-west. The plant site is approximately two miles south of U. S. Highway 270, which connects Hot Springs and

Expressing hope that the announcement of Lake Catherin's sendential section as a site for the aluminum and power plants "will result in starting work on the plants immediately," Governor Adkins said other countries using aluminum in other count

proposals.

Diversified Mineral Deposits Near Plant Site.

The plant is three miles south-west of Magnet Cove, well known for diversified mineral deposits for diversified mineral deposits. These minerals were not deciding factors in locating the plant, but some of them eventually may be

useful to the new industries.

Joe W. Kimzey of Magnet, state
Utilities Commission member, said

that the minerals include: Calcite, "highest lime," which could be used at the alumina plant but Democrat not at the aluminum works.

Titanium ores. The tonnage is not large, but since 1932, production has been one of the world's largest. Titanium oxide is used in hardening steels and in pigments. It has been an element in smokescreen compounds used by the

Barium sulphate. The Magnet Cove Barium Corporation and a sub-sidiary of National Lead Products engage in barite operations. Used in paints, linoleum, oil cloths and as a heavy mud in oil well drill-

facturing Company, Bauxite, an Alcoa subsidiary, was in New York. Bauxite interests knew no details

be either 10 of 16 about \$1,000 a mile, he declared.

Most of the alumina plant site at Bauxite has been cleared. Alcoa will operate the alumina plant. Republic is the largest bauxite mining concern in the state. Ninety-five per cent of the nation's bauxite production has been in Saline and Pulaski counties.

Arkansas Louisiana Gas Company officials are in Washington, in connection with plans for operating the plants. Officials here said they did not know whether a fuel contract had been definitely lined up by their company.

High officials of the Rock Island were out of the city.

were out of the city.

Building of New Highway May Be Necessary.

vern-Benton triangle may necessitate the building of a new highway link extending west from U. S. 67, just below the Hot Spring-Saline county line, to U. S. 270 at Butterfield. Such a route between Little Rock and Hot Springs would be shorter than the present Highway 70 route, an official said.

Lake Catherine and Camden were the principal sites considered by the OPM. The former's water advantage was a major factor, and the cost of building the industry at Camden would have been more than \$500,000 greater than at Remmel \$500,000 greater than at Remmel \$600,000 greater than at \$600,000 greater than Activity in the Hot Springs-Mal-

Arkansas and a Great Aluminum

Gazettendustry 21-41 Now that the location of the great Arkansas aluminum plant has been settled at Washington by the Office of Production Management and the increased traffic.

The Construction Finance Corporation the people of this state will congrate unit late themselves on the acquisition of a major new industry and will look beyond the present emergency to normal times.

The Arkansas public will hope and believe that the aluminum plant in Hot Spring county and the companion aluminan plant at Bauxite will be permanent industries. The two projects will represent an outlay of some Sci Part of the production aluminan plant at Bauxite will be permanent industries. The two projects will represent an outlay of some Sci Part of the production aluminan plant at the aluminum plant is near the production of the production aluminan plant at the aluminum plant at the contraction of the production of the production aluminan plant at production aluminan plant at production aluminan plant at production aluminan plant at productive when memergency demand for aluminum plant at productive when memergency demand for aluminum plant at the congressional Record Harris demand the state Utilities Commission at production. The plant will be altered furning over 150 powers at the permanent powers at the permanent powers at the permanent powers at the plant will be altered the plant at the plant of the plant will be altered the plant at the plant of the plant will be altered the plant at the plant of the plant will be altered the plant at the plant of the plant will be altered the pla

he was glad that a final decision ever-increasing amounts. Both in pure Bentonville, an advocate of public had been made.

"My interest at all times has form and in alloys it is one of the been to get the plants in Arkanmost serviceable of all industrial sas," he said.

"My interest at all times has form and in alloys it is one of the power, may be able to explain the most serviceable of all industrial metals.

"Governor Adkins has indicated no preference, insisting that power that the plants in advocate of public power, may be able to explain the power indicated that the plants in advocate of public power, may be able to explain the power indicated that the plants in advocate of public power, may be able to explain the power indicated the power indicated that the plants in advocate of public power, may be able to explain the power indicated the power indicated the power indicated indicated the power indicated the power indicated indicated the power indicat

rine site and one near Camden a feel a peculiar regret that Harvey C. Hill. few weeks ago.

Well-informed sources said the chief factors in the choice of Lake Catherine were:

1. Water.

Candem and happiness — the erection of an areas in their contest for the alunther other great industrial plant to utilize areas in their contest for the alunther of the great industrial plant to utilize areas in their contest for the alunther of the Utilities Commission was hap-the progress of the state. Lake Cath- py when the industry went to the the progress of the state. Lake Cath- py when the industry went to the the progress of the state. Lake Cath- py when the industry went to the the progress of the state. Lake Cath- py when the industry went to the latter. He is Commissioner Joe erine, on whose shores the \$33,000, Kimzey of Magnet, whose home is 000 plant is to stand, was Harvey near the site in Hot Spring county.

Gas Company Plans Line To New Plant Site

Firm to Connect McKamie Field With Aluminum Project.

Construction of a pipeline to carry gas to the \$33,000,000 aluminum plant near Remmel Dam for the generation of the huge amount of electrical power which will be used in the processing of the vital defense metal will be one of the largest jobs in connection with the building of the new plant.

Mica. Not of the high sheet mica grade, but can be used in insulation, lubricants, greases and roofing.

Precious stones. Scattered. Commercial operations not worthwhile.

Most of Alumina Plant Site at Bauxite Cleared.

L. R. Branting, superintendent of the Republic Mining and Manufacturing Company, Bauxite, an Al-

Mr. Curran said the pipeline would be either 16 or 18 inches. A 16-inch line costs about \$1,000 a mile, he

at Bauxite Junction.

The privately owned road already and work on concrete foundations handles all freight traffic for the Republic Mining Co. Officials, it was said, plan to improve the road to handle the increased traffic.

sign of the units has been approved and work on concrete foundations of the buildings will begin soon.

Plant Will Employ 300 Skilled Workers.

sas," he said.

Specific location of the plants, awarded Arkansas on June 21, was awarded pending study by government engineers of proposed sites and other factors including power that this state will have a great supplies. The probable location aluminum plant many people will was narrowed to the Lake Catheline aluminum plant many people will will site and one near Camden a feel a peculiar regret that Harvey C. Hill

Alcoa Names A.P. Allen To **Build Plant**

Gazette 11-23-41

Pittsburgh, Pa., Nov. 22 (A).-The Aluminum Company of America, which will operate the government's \$13,000,000 aluminum

past 10 years. He was assument superintendent of construction with the firm at Cleveland, O., before receiving this assignment.

He moved with his family to Bencounty, Ark, today named A. P. Construction of licials expression county, Ark, today named A. P. fear of a housing shortage in the Allen of its staff as construction area. The town of Bauxite is own-

ON \$21,000,000 ALUMINA PLANT Location Of

Permanent Build- Uncertain ings Planned.

Gazette 11-25-41
Large scale construction on the \$21,000,000 alumina plant between Bauxite and Bryant, in Saline county, 22 miles from Little Rock, will begin within two weeks. The McGeorge Construction Company of Pine Bluff is completing grading and clearing of the plant site and railroad. The W. Horace Williams Construction Company began moving in heavy construction equipment yesterday.

F. A. Billhardt of Cleveland, O.,

F. A. Billhardt of Cleveland. O ... construction superintendent of the project, said buildings will be of permanent construction, indicating the plant will be used after the defense emergency is ended.

Mr. Adkins had received no late information regarding plans to inwill be built to serve the project is under construction.

The Rock Island Lines also will be in an excellent geographical location to serve the plant. The railroad's Hot Springs tracks parallel the site selected for the plant.

Officials said the railroad would build tracks inside the area to serve the plant but just how many miles would have to be built has not yet been determined.

construction near Malvern. Governor Adkins and

members of the Arkansas Congressional delegation have reported that plans are on foot to increase the alumina output of the plant to 1,000,000,000 pounds annually. Al-though the current plans have not provided for the increased production, additional units may be added

Plant Site Located On Hurricane Creek.

The plant site is about two miles east of Bauxite, halfway between Bauxite and Bryant on Hurricane creek. Most of the plant will be located on the site of the old Mc-

Adams farm. It is east of the Bauxite-Bryant road.

Temporary office buildings have been completed on the plant site. The railroad right-of-way is nearing completion. The plant will be served by the Bauxite and Northern will read owned by the Republic railroad, owned by the Republic

Mr. Billhardt, construction super-intendent, has been connected with the Aluminum Company for the past 10 years. He was assistant

plant to be built in Hot Spring ton yesterday.

Construction officials expressed

Allen of its staff as construction superintendent on the project.

WORK STARTED

fear of a housing shortage in the area. The town of Bauxite is owneed by the Bauxite firm and there are no vacant houses or apartments in Benton or Little Rock.

There are no plans for the con-

There are no plans for the construction of additional houses in the Bauxite area by the Aluminum Company, it was indicated.

New Plants

Whether Arkansas obtains addi-

are being continued, he said.

information regarding plans to increase the Bauxite alumina plant's capacity from 400,000,000 to 1,000,-000,000 pounds, but the expansion is probable, he said. An expansion of plans for the Pine Bluff incendiary bomb arsenal was announced

CHOICE OF SITE FOR ALUMINUM PLANT SCORED

plant to be built at its site to furnish electricity for its operation "should be located at Camden."
Harris said J. A. Krug. OPM power lading for copper buss bars. consultant, concurred in this opin-

Utilities Blamed For Change in Location.

Harris said the OPM first an-

nounced on November 5 the plant would be located at Camden.

"Immediately after the announcement was made locating this plant at Camden," Harris asserted, "a rush telegram came to Washington and was carried to the Office of Production Manage-

Harris said the message came from private power companies enlisted to furnish temporary power pending construction of the power plant and made a change in their proposal, causing the OPM to recall its earlier decision.

The power companies Harris said, had proposed originally the pooling of their power at Camden. The aluminum and power plants

are to be built by the Defense ten at Washington, mal Plant Corporation, RFC subsidiary. statements in substance: Plant Corporation, Rev Com-Harris charged the power com-panies, a group of 11, including the Ellis took a group to OPM Di Arkansas Power and Light Com-rector William Knudsen last Feb

Springs and Malvern.

"It took only two weeks to bring about a reversal of all economical factors from a study of six months or more and change this location to Lake Cethorics."

That three months later when an aluminum shortage developed Knudsen agreed to build a governproperty of the private power company, where more than \$33,000,000 obtained. of the people's money will be spent" in building the plants.

REA Said to Have Offered Lower Rate.

Harris further charged that the mills or less per kilowatt hour. Rural Electrification Administra-tion had proposed to furnish a part of the temporary power at 6.2 mills per kilowatt hour while the pri-vate companies were making a proposed charge that the mills or less per kilowatt hour. That this was countered by private utility plan and at a show down held by OPM it developed that the private utilities actually has only 33,000 of the 120,000 kilowatt proposed charge of over seven needed and proposed gemills, yet the Defense Plant Correst from the public pool poration was hesitating about its construction; and Govern

Harris said the gas company to sional delegation urging adoption supply natural gas to fuel the power plant originally proposed to deliver gas at Camden for five cents per thousand cubic feet, at Lake Catherine, at 5 1-2 cents, but subsequently upped the price to Camden to 5.41 and fixed the price to Lake Catherine at 5.53 while admitting that "it will require an That Stattery then asked Jones admitting that "it will require an additional expenditure to Lake Catherine over Camden of \$400,- but Jones said that instead of lend-

Utility Heads Not Available for Comment surveys and plans and had

and Light Company and the Arkansas - Louisiana Gas Company were not reached for comment on Congressman Harris' statement last

den had been selected as the site of the aluminum plant. Ten minutes later an official of the OPM recalled the telegram, explaining that last-minute details had not been settled.

Both utility companies announced last week that they had not partially the selection of the REA plan and sensuch word to Jesse Jones. That when Ellis conferred with RFC engineers the following day it was news to them that Jones had given the plant to the DPC. That the DPC has asked REA engineers to build the power plant, which REA had offered to build in telegraph November 5 that Cam-

last week that they had not participated in the choice of the site. The Arkansas Power and Light Company said the OPM asked if it could furnish power in its territory of 55 counties. The company replied that it could.

A gas company official to do not participated in the power plant which REA had offered to build the power plant which REA had offered to build the power plant which REA had offered to build the power plant which REA had offered to build the power plant which REA had offered to build the power plant which REA had offered to build the power plant which REA had offered to build the power plant which REA had offered to build the power plant which REA had offered to build in 11 months while the DPC contract merely calls for the four 35,000 k. w. units to be delivered in 22 months.

Governor Silent On

er between the time the aluminum plant is ready for operation next June until its 120,000 kilowatt power plant can be completed.

Congressman Clyde T. Ellis of Bentonville, an advocate of public power, may be able to explain the situation.

Governor Adkins has indicated no preference, insisting that power no preference, insisting that power and plant at the power plant and the power at that city.

He quoted Chairman Leland Olds of the Federal Power Commission as having told a House Appropriation as having told a House Appropriation of the plant at Bauxite. He emphasized that Republic, an Alcoa subsidiary plants, similar to the one slated for construction near Malvern. in electrical insulation. not be used for "months," M Branting said. A representative of the Federal Housing Administra-tion was at Bauxite in connection with anticipated housing needs. It superintendent had received no formation regarding plans for hou

Arkansas Power Row Recounted

Gazette 11-29-41

An article about the Arkansas aluminum and power plants by the Washington Merry-Go-Round, written at Washington, makes these

Arkansas Power and Light Company, admit it "is costing \$122,000 reary to ask that a government aluminum plant be erected in Arkansas Knudsen said "the government is not going into competition".

Lake Catherine, and on the ment plant in Arkansas if the operty of the private power com- necessary electric power could be

That Representative Ellis and Harry Slattery, head of the Rural Electrification Administration, working with REA engineers submitted a plan to supply power from

then joined the Arkansas

ing REA the money he would have the Defense Plant Corporation handle the job, although the REA Gazette 11-29-41 tracted for six general conficials of the Arkansas Power equipment in the belief that mone could be obtained from the RF.

That after Clyde Ellis asked Mr. in plans recalled that the OPM notified the Arkansas Gazette by telegraph November 5 that Cam-

Democrat 12-7-41 Ore Production For 1941 to Reach New All-Time High Mark.

Production of bauxite—the ore ore to keep new aluminum and alumina plants which the govern-ment soon will build in Arkansas operating will provide an impetus that will further step up output of

To Mine "Low Grade."

Now, he added, the Office of Production Management has scheduled a program to mine 1.618,000 tons of the lower grades. The \$22,000,000 alumina plant near Bauxite will use this lower ore exclusively, he declared

In addition, the Reynolds Mining Company is conducting extensive explorations throughout the two-county field, which has 94 per cent bunty field, which has 94 per cent the domestic supply of the vital re, with the intentions of starting operations soon. So far, "not one bade of dirt has been turned" by

the past have confined their sales to chemical and abrasive companies, are beginning to "cash in" on the unprecedented demand created by

Graham R. Hall, who with his father operates the Dixie Bauxite Co. Sweet Home, said that for the first time his firm has made sales of the ore to an element of the sales of the ore to a sales of the ore the ore to a sales of the ore the ore to a sales of the ore to a sales of the ore to a sales of the ore t first time his firm has made sales of the ore to an aluminum company during the past year. He estimated operations had increased 10 per cent during the last 12 months, with the sales to the aluminum company results for the unswing in pro-

BIG ALUMINUM PLANT SITE NOT CHOSEN FINALLY

Site Not Finally

an authority on water power, who already have looked over the sites special to the Gazette. 12-7-41

The State Geological Survey estimated yesterday that production this year would total 1,021,344.76 long tons—which is more than double the 487,677.31 tons mined last year and almost twice as large as the 530,000 tons produced in 1918, heretofore the record production year.

More than 60 per cent of the bauxite was mined by the Republic Mining and Manufacturing Co. Sauxite, which controls extensive fields in Saline are being held in abeyance pending further study of the Lake Catherine site and proposed Camden site and proposed by the Aluminum proposed camden site and proposed site points and two other sites of the site of t

Economic Factors Will

Decide, Says Mr. McClure.

A delegation from Camden, which originally was awarded the plant by the OPM only to have the announcement withdrawn a half-hour

No sooner, however, did word of Mr. Allen's statement get circulated around Malvern than civic lead-

above and below Remmel dam and who spent yesterday in a survey

Jolley, chief engineer of the Aluminum Company of America, which will build and operate the plant for the Defense Plant Corporation, and other engineers inspected the Lake Catherine site yesterday and the proposed Camden site Friday.

A. P. Allen, construction, and and proposed Camden site Friday.

Jesse Jones May Decide.

"It is generally believed that the interval of the newspapermen asked if he were going to the site of the big project.

"Is that the site?" Mr. Allen of North Carolina, construction superintendent; J. W. Jarrett of Little Rock, state manager of the R. F. C.; B. Croydeon of Pittsburgh, hydraulic engineer; T. W. Billhart, superintendent of the alumina plant at Bryant, and L. R. Branting, superintendent of the alumina plant at Bryant, and L. R. Branting, superintendent of the Republic Mining intendent of the Republic Mining Company, a subsidiary of Alcoa.

proposed Camden site Friday.

A. P. Allen, construction superintendent of the aluminum plant inadvertently revealed at Lake Catherine yesterday that orders to proceed with construction have been rescinded, later attempted to withdraw the statement.

The Office of Production Management in Washington was closed yesterday afternoon and the report could not be confirmed, but it was learned there is a good chance that the plant site may be switched to Camden.

Take of questions.

Jesse Jones May Decide.

"It is generally believed that the man who will determine the location of the aluminum plant is Jesse Jones, head of the Reconstruction Finance Corporation." Mr. Allen said. "Mr. Jones is strictly a practical business man. He is going to intendent of the Republic Mining Company, a subsidiary of Alcoa.

It was reported here that the survey resulted from dissatisfaction with the Lake Catherine site. Congressman Oren Harris of El Dorado, of the Seventh Congressional District, charged that a combination of utility interests had disregarded economic factors of the build and where such investment will cost less to mine the location of the aluminum plant is Jesse Jones May Decide.

"It is generally believed that the man who will determine the location of the aluminum plant is Jesse Jones May Decide.

"It was reported here that the survey resulted from dissatisfaction with the Lake Catherine site. Congressman Oren Harris of El Dorado, of the Seventh Congressional District, charged that a combination of utility interests had disregarded economic factors of the Camden site and had "padded" figures to swing the plant for the Lake Catherine site. Mr. Harris said that the Camden plant could be built for at least \$600,000 less than at Lake Catherine.

Gazette 12-7-41 The Arkansas Power and Light tirst time his firm has made sales of the ore to an aluminum company during the past year. He estimated operations had increased 10 per cent during the last 12 months, with the sales to the aluminum company responsible for the upswing in production.

The American Cyanamid Co., which has its own mines in the two-county field for use in making chemicals and abrasives, only recently completed filling an order for the Reynolds Metal Co., which has constructed aluminum plants in Alabama. The Reynolds Mining Company.

Mr. McClure told the Gazette Reynolds Mining Company.

Only last week the Dulin Bauxite Co., Inc., announced plans for a

More Power

Offered For

ALCOA Plant

Dengang pointed out that the present rate of production walled try buside from its missed washing the production of about 120 missed as production of the plant present rate of production walled the plant file continued as interin power of the plant in the plant file continued as interin power within the plant file continued as interin power of the plant in the plant of t port that it is one of the most stu-pendous tasks of its kind ever un-dertaken, Mr. Moses said. He said it would result in presenting about

\$32,000,000 aluminum project for

Decided, Says Official.

Special to the Gazette.

Hot Springs, Dec. 6—Whether the 833,000,000 aluminum plant and power unit will be located between Hot Springs and Malvern or at Camden will depend on the recommendation of three engineers, each an authority on water power, who Representative Harris, whose dis-

ly expressed the view before a House Appropriations Committee that Camden offered the better power site, and J. A. Krug. OPM power co-ordinator, concurred.

The possibility that Camden may yet be considered as the site for the \$33,000,000 Aluminum Company of America plant—officially designated by the OPM to a site on Lake Catherine in Hot Spring County—was disclosed yesterday by a series of quick-breaking developments.

A. P. Allen, Badin, N. C., sent to Arkansas by the ALCOA to superintend construction of the plant, was the first to reveal the possible change when he told three Hot Springs business men "there is tsill some doubt that the Lake Catherine site will actually be used."

Mr. Allen later in the day retracted the statement, but "asserted that Tom D. Jolley, chief engineer for ALCOA, and two other power engineers from

engineer for ALCOA, and two other power engineers from Pittsburgh and New York had inspected the Camden site Thursday. Mr. Allen said he accompanied them on the inspection trip to Camden and on a previous tour of inspection of the proposed site at Remmel Dam on Lake Catherine.

May Be a Change,

May Be a Change,
Harris Says.

From Washington came the statement of Rep. Oren Harris, El Dorado, who had been supporting Camden as the location of the plant, that a re-investigation of the sites was being made and that "there may be a change yet."

The third factor in the developments was the fact that, although it has been three weeks since the Lake Catherine site had been announced for the plant, no activity, other than preliminary surveys, had been started there.

Rep. W. F. Norrell, Monticello, from Washington, stated "no change will be made that I know of." He said he had checked the situation yesterday before government offices closed for the week-end and was told by the Office of Production Management and the defense plant corporation, the two agencies concerned, that there has been no change and that none is in prospect. Issue Settled, Norrell Insists.

Issue Settled, Norrell Insists.

Norrell said he is confident the plant will be built at Lake Catherine as agreed.

"It has been settled," he declared. "and I don't think there will be any change."

change."
Carroll Cuffman, president of the Malvern Chamber of Commerce, who with Rep. Norrell had been instrumental in obtaining the plant for his area, also was emphatic that "there is nothing to the reports that the plant might be moved to Camden."

Mr. Cuffman described it as "an erroneous report that shouldn't even be published."

be published."

The three newspaper men who "broke" the statement of Mr. Allen that the plant possibly might still go to Camden were Jerry Niel, Associated Press correspondent in Hot Springs; Roy Bosson, Hot Springs Sentinel-Record reporter and correspondent of the Arkansas Democrat, and Walter Ebel, veteran Hot Springs newspaper man.

Yesterday's developments could be described as only another troubled step in a series of problems surrounding selection of the site for the plant.

plant.

Plans Previously Revised.

In the beginning, the OPM released a statement to a number of newspapers announcing Camden for the site and then withdrew the selection, but not until Camden learned that it had been named and then rejected. Shortly afterward, Lake Catherine was chosen for the site for the plant and the battle has been on ever since with Camden authorities never having given up their efforts.

forts.

When the three Hot Springs newspapermen contacted Mr. Allen yesterday they quoted him as saying:

"There is still some doubt that the Lake Catherine site will actually be used. The engineers are to make an unbiased report on economic factors favoring each site. You know, of course, that the Reconstruction Finance Corporation is to finance the building and the RFC is going to build it at a place where it will incur the least cost. Jesse Jones is a good business man."

The newspapermen also quoted

The newspapermen also quoted him as saying "whichever site is chosen, it will cover about 33 acres and employ about 1,200 workers at the maximum during the construction period; and when completed the aluminum plant will employ about 800 men and the power plant about 50 men."

Allen later told newspapermen he wanted to retract the entire state-

Victory Banquet Planned.

A "victory banquet" has been planned by the Hot Springs Chamber of Commerce for December 16, honoring Representative Norrell and Mr. Cuffman for their efforts in obtaining the plant.

Representative Harris, reporting from Washington, said that five men are making a re-investigation of the sites for the Aluminum Company of America, contractor for the plant, and the federal agencies.

and the federal agencies.

He said he did not know what the outcome will be but that a new report on the sites is due in the nation's capital over the week-end.

Shortly after it had been announced that Lake Catherine was to be the site of the huge aluminum-power development, Harris issued a blast against the action, maintaining that the Camden site was better and more economical as well. The new investigation of the sites was started since then. since then.

Harris said he had no information

Harris said he had no information to go on as to what will be reported, but commented: "Lake Catherine may not be what they thought it was before," and added: "There may be a change yet."

'Those who had been following and working on the aluminum plant matter gave a sigh of relief when the site selection was finally announced, believing that everything was settled and that actual construction was about to begin.

State Might Lose Plant.

With these new developments, the

With these new developments, the fight may be opened all over again. There was some fear implied in Washington that if it is opened up too far, the whole thing might be

However, such fears when ex-

porting Camden as the location of the plant, that a re-investigation of the sites was being made and that "there may be a change yet."

The third factor in the developments was the fact that, although it has been three weeks since the Lake Catherine site had been announced for the plant, no activity, other than preliminary surveys, had been started there. The Rock Island railroad has been un preliminary work toward laying of a spur track to supply the Lake Catherine plant, and railroad officials were obviously surprised by reports of the day's sudden developments.

However, such fears when expressed before have proved to be groundless and the state has been assured a number of times that the plant will definitely go into Arkansas at one site or another.

There was no hint in Washington as to what the outcome of the new investigation will be. The government offices were closed as was the ALCOA office there. Those officials who could be reached said the expressed before have proved to be groundless and the state has been assured a number of times that the plant will definitely go into Arkansas at one site or another.

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Camden Delegation Goes to

Washington for Parley.

Washington—A delegation from Camden, Ark., was here last week in an effort to reverse a recent decision which awarded a \$33,000,000 aluminum plant to a site near Hot aluminum plant to a site near Hot Springs on Lake Catherine instead of to Camden.

Options on Plant Site Given to RFC.

Hot Springs, Dec. 8.—Carroll Cuffman, president of the Malvern Chamber of Commerce, notified friends here today that options to buy the last 150 acres necessary for the site of the aluminum plant between Hot Springs and Malvern had been turned over the R. F. C. which will advance money for construction of the project, as well as for the power unit. The combined investment will total \$23,000,000 ceived no assurance that the plant of the plant o which will advance money for construction of the project, as well as for the power unit. The combined investment will total \$33,000,000.

Mr. Cuffman also reported that despite doubt as to whether the aluminum plant will be built near here or near Camden, the foreman in charge of building a spur from the main line to the plant site has been instructed to complete the job as rapidly as possible. Mr. Cuffman is optimistic that no change in the location of the aluminum plant and power unit will be made.

Alcoa Officials Rent Homes And Office at Malvern.

Springs on Lake Catherine instead of to Camden. It was understood that the Camden delegation was told that the Lake Catherine site was selected in preference to Camden because it was estimated the cost of construction would be \$7,000 less at the Hot Spring County site.

It was in an effort to refute what the Camden delegation told defense officials, it was learned, that the plant foundation would not cost \$330,000 more to build at Camden than at Lake Catherine and that freight rates at Camden were not higher than those in effect at Lake Catherine and that freight rates at Camden were not higher than those in effect at Lake Catherine.

Camden representatives also told defense officials it was learned, that the plant foundation would not cost \$330,000 more to build at Camden than at Lake Catherine and that freight rates at Camden were not higher for Alcoa, and other officials in spected both the Lake Catherine in Hot Spring county corroborated a remember than those in effect at Lake Catherine as the would be built at Camden than at Lake Catherine and that freight rates at Camden were not higher for Alcoa, and other officials in spected both the Lake Catherine in Hot Spring county corroborated a remover to circulated in Arkansas Tueshout. The OPM selected the Malvern-Benton-Hot Springs area as a site to over the proposed as the site, which is about 25 miles from the OPM announced Lake Catherine as the site, which is about 25 miles from the alumina plant under construction at Bryant.

Camden representatives also told defense officials that the cost of intenting power powers. The OPM selected the Malvern-Benton-Hot Springs area as a site to work a site of the ground.

Adkins Breaks

Ground Today

For Big Plant

For Big Plant

Democratical in Arkansas Tueshout. The cost of getting the ore out of the ground.

Adkins Breaks

Adkins Breaks

For Big Plant

For Big Plant were allotted to the state. The Democratical proposed as a site to work and the proposed as the site, and the plant would be the same that the canden as

Plant Due to Be In Operation by Spring of 1942.

Because of the outbreak of war, Special to the Gazette. 12-9-41 it is expected that construction of the plant will be rushed. Mr. Cuffman, president of the Malvern Allen refused to say whether he

reight manager, said he had received no assurance that the plant would be built there. "We want to be prepared should the plant be built," he said.

Work on the plant designs and material schedules have been completed by the Alcoa. It was started soon offer the defense plant plant.

soon after the defense plant plan was initiated in order to speed construction once the plant was authorized.

Alcoa has been holding bids from contractors for grading and concrete work. Fabrication of steel for the buildings was ordered sev-eral weeks ago and major items

Washington, Dec. 10 (全).—Repre-An Associated Press dispatch from Washington last night said, however that the Camden delegation still is in Washington trying to secure the plant.

Congressman Norrell, whose district includes the Lake Catherine

Washington, Dec. 10 (AP).—Representative Harris (Dem., Ark.) said today he had been advised by the Defense Plant Corporation that the projected Arkansas aluminum plant would be built at Lake Catherine.

Washington, Dec. 10 (AP).—Representative stock pile for the benefit of individual property owners near the Aluminum Company of America mines at Bauxite.

If this choice is verified, owners of bauxite-producing lands near Sweet Home may not be able to

kins.
Others on the ground-breaking program were Mayors Leo P. Mc-Laughlin of Hot Springs and K. K. Kight of Malvern, Secretary Henry M. Stanley of the Hot Springs Chamber of Commerce, President Carroll Cuffman of the Malvern C. of C., and A. P. Allen, construction superintendent for the Aluminum Company of America.

The ground-breaking ceremony

Announcement from Washington Announcement from washington by Representative Harris that the Rural Electrification Administration would build a \$4,000,000 generating plant at or near Camden. This plant would build a \$4,000,000 generating plant at or near Camden. This plant is expected to supply 45,000 kilowatts of the aluminum works' needs between Jan. 1, 1943, and about Jan. 1, 1944, when generating facilities on Lake Catherine probably will be complete. The Camden unit will be fueled by sour gas.

announcement.

Prices will be paid on a dry basis, Dr. Branner said. The tentative schedule is lower than prices now paid, he said, but pointed out that the alumina plant will use a lower strator Fleming, said that contracts ad been signed whereby the Arka Electric Co-operative would supy 32,500 kilowatts of the aluminum ant's needs. The announcement in would start firm in it is a strategy of the said beautiful to be supported by the said beautiful to be supported by 32,500 kilowatts of the aluminum ant's needs. The announcement in would start firm the said beautiful to be supported by the said beautiful to be supported by the said, but pointed out that the alumina plant will use a lower grade of ore than that being mined. Lowest grades will be bought at will command many supported by the said, but pointed out that the alumina plant will be bought at prices below \$3 and higher and the said by the said, but pointed out that the alumina plant will be schedule is lower than prices now paid, he said, but pointed out that the alumina plant will be schedule is lower than prices now paid, he said, but pointed out that the alumina plant will be schedule is lower than prices now paid, he said, but pointed out that the alumina plant will be schedule is lower than prices now paid, he said, but pointed out that the alumina plant will be schedule is lower than prices now paid, he said, but pointed out that the alumina plant will use a lower grade of ore than that being mined.

Lowest grades will be bought at prices below \$3 and higher and the said of the said, but pointed out that the alumina plant will use a lower grade of ore than that being mined.

Lowest grades will be bought at prices below \$3 and higher and the said of the said, but pointed out that the alumina plant will use a lower grade of ore than that being mined.

agement has decided to establish a

Sweet Home may not be able to

The honor of turning the first spade of dirt in ceremonies at 10:30 a. m. was assigned to Governor Ad-\$3 to \$5.40

Gazette 12-21-41

Average prices to be paid for bauxite mined for use in Arkansas's new aluminum industry will be \$3 to \$5.40 a ton, Dr. George C. The ground-breaking ceremony Branner announced yesterday aft-followed a succession of new developments, including:

The state geologist said the Office of the control of the state geologist said the Office of the control of the state geologist said the Office of the control of the state geologist said the Office of the control of the

The state geologist said the Office of Production Management will release a schedule of prices within two or three weeks. Owners of

commercial processes.

The report said bauxite requirements would reach almost 3,000,000 tons annually by July, 1942.

This is four times the 1940 consumption for all purposes.



The metal producing plant of the Alumin and company officials have disclosed that the will look almost exactly like the Tennesse company holds the contract for construction

Work Rushed On New Plants In Arkansas

Democrat 1-4-42 Conversion of Bauxite Into Metal Is Long Complicated Process.

Once through the filters, the solution goes into precipitating tanks as high as a five or six story building. As it cools, aluminum hydroxide crystals settle out of the solution.

The whole thing remains in the tanks until the precipitation is completed, after which the aluminum hydroxide is moved and washed and heated white hot in large rotating kilns to drive off the chemically combined water and to change the character of the material so it will not reabsorb moisture from the air. That is the alumina. Two pounds of bauxite must be used to get one pound of alumina.

That is the work that will be done by the new alumina plant near Bryant. From there, however, the alumina will go to the plant to be constructed at Lake Catherine to be treated and made into aluminum. Making aluminum out of alumina is the expensive and complicated part

Accounted from Said to Be Definite.

Selection Said to Be Definite.

Grave the Berlin was a server with the market and the server was a server was a

Plant Gains

Gazette 1-4-42

Operations at the \$21,000,000 alumina plant being built between Bauxite and Bryant, Saline county, are expected to be started in June,

lar operations start. A new section will be completed each month thereafter, until full production is

needed each 24 hours, to keep the plant operating. Trucks will bring bauxite from "all" mines at Bauxite

needed, for the convenience of men working at the plant, the construc-

Construction State Has Bauxite Of Alumina Of Alumina For 5.8 Years Of Construction Of Alumina Of War If Exports Were Cut Off The plant, to be operated by the Aluminum Company of America, will be partly complete when regular operations start. A new section Lower Grades Which Cannot available on January 1, 1943. The ultimate capacity of the plant will be 1,000,000,000 pounds annually. It is estimated that 150 truckloads of 10 tons each will be recorded each 24 hours to keep the

Bauxite reserves of the United States, 98 per cent of Improved Processes Needed. bauxite from "all" mines at Bauxite and in surrounding territory.

Mr. Billhardt said that the first shipment of materials from the plant is expected to be made in it become necessary under emergency conditions to prohibit

July.

Mrich are in Saline and Pulaski Counties, are sufficient to ized commercially, it was said, "it seems pertinent to assume that with proper modification the extraction process used for alunit of that grade Traffic will require improved imports," the Bureau of Mines declared in a report on roads. Access roads also will be "Bauxite Resources of the United States".

makes some State officials apprehensive lest the war effort deprive the State of one of its richest natural resources—
ent complete. The Chicago Bridge of that should the United States have to depend entirely on the steel will arrive a week from the supply of bauxite to feed the ever-expanding along the state of the supply of bauxite to feed the ever-expanding along the state of the said his company would contribute greatly to the war effort since aluminum is used in the manufacture of airplanes, armor plate, for their commercial demonstration, possibly such stimulus other war materials. makes some State officials apprefiensive lest the wat element of the state of the state of one of its richest natural resources—cent complete. The Chicago Bridge and Iron Works will start erecting that should the United States have to depend entirely on the some steer work work will start erecting to more than the state of the s

the fact that Grades A and B ores to contain		in 0. 3. Deffied.	-
Estimated bauxite reserves of United States, by long tons, grade	1 More than half the domestic	Gazette 1-15-42 Washington, Jan. 14 (P).—William REA May Get	
Estimate Datate reserves of Office States, Sy 1018	bauxite is being mined for uses oth-	Washington Ion 14 (P) William RA	
and alumina content: Grade and Aluminum Content.	er than the manufacture of metallic	Washington, Jan. 19 (17).—William T.	
T 20.45 Total		Watson Smith, counsel for the Alu-	
	The series of th	minum Company of America, denied	
Alkalisas	HC Willing and Manufacturing Co., a	today assistant Attorney Gen. Thur-	
Alabama 10,000 10,000 00,000	subsidiary of the Aluminum Co. of	today assistant Attorney Gen. Thurman Arnold's assertion before a con-	
Georgia 201,000 off,000 for,000	America, is by far the largest pro	gressional committee that the com-	
Mississippi 23,000 100,000 200,000 523,000	ducer, and all of its production goes	1 1 Company of the company of t	
Tennessee	into metallic aluminum. The remain-	pany had exercised a 100 per cent	
Virginia 6,000 6,000	ing production goes into the manu-	control over aluminum in this country.	
The state of the s	facture of obracives chemicals and	try.	
Totals9,343,000 8,898,000 8,439,000 2,348,000 29,028,000	other products).	It had never had such control, Democrat	
	2 More than 95 per cent of the	Smith told a House Military Sub- Possibility that the Rural Electri-	
must also supply consumers of one might reasonably expect to re-	domestic output comes from Arkan-	committee before which Arnold ap-fication Administration eventually	
bauxite for other purposes. cover about 85,000 to 90,000 tons by	sas.	peared as part of its inquiry into would supply the bulk of interim	
open-pit methods; but if it is neces-	2 Pouvite imported during the	co-operation of business in the na- power for the Arkansas Aluminum	
Aluminum Use Smallest. sary to mine underground, the final	past three years has furnished the	tion's defense program. Company was seen here yesterday	
In 1938, 1939 and 1940, 51, 54 and recovery might not be more than	raw material for more than 70 per	Arnold had mentioned the Alumi- by persons who are thoroughly fa-	
52 per cent of the domestic produc- 75,000 tons and even as low as 50,-	cent of the metallic aluminum made	num Company to illustrate his ar-miliar with negotiations which re-	
tion went for purposes other than 000 tons "	in the country.	num company to mustrate his at milliar with negotiations which the	
the manufacture of metallic alumi-	4. About four tons of bauxite is	gument that international cartels, sulted in both the REA and the	
num. Mining Not Always Feasible.	4. About four tons of backete is	controlling production of metals, Arkansas Power & Light Co. se-	
	required to produce one ton of metal-	had placed this country in a disad-curing contracts to furnish the tem-	
"It is of special interest to note," bauxite with fairly well-defined di-	lic aluminum. Arkansas already is feeling the ef-	vantageous position for full utiliza- porary power.	
the report decidred, that the use mangions may be known to exist so	fects of the increased aluminum	tion of its productive capacity. The War Production Board's or-	
for abrasive purposes rose from 82,- that an estimate of its contents is	Tects of the increased arannam	"Except during wartimes," Smith der that the Pensacola Dam on the	
000 tons in 1939 to 129,000 tons in possible still it may be uneconomi-	program. Production during 1941 was	said "the Aluminum Company for Grand river in Oklahoma, moin	
1940, probably reflecting increased cal or even physically impossible	estimated by Dr. George C. Bran-	many years nast has encountered which the REA will obtain its pow-	
use of aprasives in the defense el- to mine it		active competition in the United er. De Interconnected with private	
fort. "The ingenuity of American min-	more than double the 487,677.31	States market from importations of companies at Tilverion, Italia,	
"It is not unlikely that during con- ing engineers is well known, and it	tons mined in 1940.	foreign aluminum in the United Drompted the Observation.	
finishtion of the defence propertions - 1 immediate to de	Dialiller also politica out that		
the donestic need for bauxite for posit as 'physically impossible to	the Office of Production Manage	"The state of the major links	
purposes other than metallic mine.			
aluminum may reach or exceed 250 - "However housite is a low price	the Grade B ore, earmarking funds	Smith said in discussing the assis- and attorney general's comments ganized by the A. P. and L. to intant attorney general's comments sure delivery of the 65,000 kilowatts	1
000 long tons annually, most of commodity, a price commonly paid	to buy 1,018,000 tons.	tant attorney general's comments sure delivery of the 65,000 kilowatts	
which probably will come from do- for mined ore being \$4 or less per		on reduced aluminum prices. "If from which the company has a con-	
mestic mines." ton. Therefore, although any de-	construction hear bauxite will use	the Aluminum Company increases tract Under the WPB order, the	
Aluminum needs, the report said, posit probably can be mined at a	some of the lower grade ore-the	its prices, ne criticizes it on the 25 000 kilowatts which was to have	1
will require 2,850,000 long tons of price, the cost under some conditions		ground that it is extorting money been delivered by the pool will be	
beautite partially making a total da might he for havend the range of	1 . 11 . It direction of oliminim	from the public. If the company transmitted over REA lines through	1
bauxite annually, making a total demand for all purposes of 3,200,000 economy, even at greatly increased		reduces prices, he criticizes it on a 55-mile connection to be built	1
mand for all burboses of 5.200,000 economy, even at greatly increased		20-mile connection to be built	1

Aluminum needs, the report said, posit probably can be mined at a will require 2,850,000 long tons of bauxite annually, making a total demand for all purposes of 3,200,000 mand for all purpos

loss of the known supply.

One is open-pit mining, done when the deposit occurs near the surface, and the loss under this method is estimated at 10 to 15 per cent. After surface coverings are laid back, huge scrapers or power shovel diggers move in and scoop up thousands of pounds of ore in one operation.

There are almost nine million tons of Grade B ore containing 50 to 55 per cent or more aluminum. Almost all commercial production in the past has been of this grade.

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There are almost nine million tons of Grade B ore containing 50 to 55 per cent or more aluminum. Almost all commercial production in the past has been of this grade.

"Irregular extensions of bauxite into the underlying clay, or lateral extension, must often be left because of the excessive cost of recovering of the excessive cost of the excessive cost of the excessive cost of the excessive cost of the excessi

mand for all purposes of 3,200,000 long tons.

Another consideration which must be taken into account in determining the amount of bauxite actually available for all purposes, is the losses in mining.

Some Lost In Mining.

Two methods of mining are used in Arkansas—and both result in a loss of the known supply.

One is open-pit mining, done when the deposit occurs near the surface, and the loss under this method is production in the past has been of

concentration, or can be used in some process other than those now in commercial use, it is doubtful if Grade C ore can be considered a source of metallic metal. This applies to Grade D ore also."

The report was not at all hopeful about finding some other basis source to replace bauxite in the manufacture of aluminum.

to replace bauxite in the manufacture of aluminum.

"Although numerous processes for the utilization of alumite and clay for aluminum manufacture have been suggested, the fact remains that at present no such process has been proved commercially successful."

"If alumite rock, containing as little as 30 per cent alumite, could be utilized (which is doubtful), the amount available would be 9,434,000 short tons, or 2,800,000 tons of alumina equivalent, equal to 1,400,000 tons of metal. This would supply national needs at the estimated necesiary rate for one year and nine

could be used with at least some suc-cess on Grade C and D bauxite ores, and thus extend the life of domestic

ALCOA OFFICER HERE TO SPEED **UP PRODUCTION**

Indian needs at the estimated necessary rate for one year and nine aluminum plants, now under construction, was announced at the annual dinner of the Little Rock Chamber of Commerce at, Hotel Marion last night.
In an address, Mr. Jones said

his work would be to co-ordinate the work of the two plants and the mine "to get out the maximum amount of aluminum in the short-

fice in Little Rock. Mrs. Jones

ground that it is extorting money from the public. If the company reduces prices, he criticizes it on the ground that it is trying to after a specific property. The connection to be built from Pensacola, site of the dam, to the ground that it is trying to affect the result of a lawsuit."

New Market For Bauxite Likely

government planned to set up an independent testing laboratory and purchasing agency so that small owners of bauxite might sell the product for use in making alumi-

"But the picture is not too rosy yet," said the governor. "The price is entirely too low and I am doing all I can to see the independent owners are protected."

He urged the War Department and OPM to locate charcoal and manganese plants in Arkansas. That subject now is being studied, he added.

Rubber Plant Discussed.

this afternoon for Little Rock.

U.S. to Double Production Of Aluminum

Gazette 1-22-42

Washington, Jan. 21 (A).-America's aluminum output will be doubled and the magnesium production increased five-fold through expansion programs under way to meet the heavy bomber schedule, the Office for Emergency Management disclosed today in a survey of natural resources.

It listed many acute material shortages but declared "The clear superiority of the United States in raw materials is encouraging in the world struggle which gives

natural resources a major role.

The report set 1941 aluminum production at 600,000,000 pounds. It said that because of the demands for construction of heavy bombers, which use 30,000 pounds per plane as compared with 5,000 pounds for a fighter, new aluminum plants designed to double the output already were being built.

Production of magnesium was about 33,000,000 pounds in 1941 and "next year we expect to produce five times as much," the report said.

Gazette 1-15-42 Washington, Jan. 14 (P).—William REA May Get

Riverton.

Just what effect, if any, this

change in the power pool's set-up will spaces sharp rise into tarm commodutes.

The average price of staples rose to the highest level in a decade and bale to 12 year peaks, oats hit 14 year tops, corn and tye reached new highs since 1937 and soy beans were near their highest levels on records. Washington, Jan. 17 (P). — The outlook for sale of bauxite by the small independent dealers in Arbays brightened teday.

kansas brightened today.

Governor Adkins said after a conference with Office of Production Management and Defense Plant Corporation officials that the

. SPRINGFIELD AURORA OZARK BEACH ENSACOLA TULSA MUSKOGEE WELEETKA ALUMINUM PLANT TEXARKANA TEX. EXISTING LINES PROPOSED LINES OVERTON

Here are the major transmission lines—proposed and existing—which are involved in the question of interim power for the Arkansas aluminum plant on Lake Catherine.

which are involved in the question of interim power for the Arkansas aluminum plant on Lake Catherine.

Nor 1 is the 197-mile transmission line from Markham's Ferry, on the Grand River in Oklahoma, to the plant site—the line which was the bone of contention between the Arkansas Power and Light Company and the governmental agency and authority for which was granted by the State Utilities Commission only at the request of the War Production Board. No. 4 is a line which would be built by the Arkansas Power and Light and the Southwestern Gas and Electric from Overton, Tex., to the plant site. An existing line, No. 3, would tie in power from the Oklahoma Gas and Electric's Welletka station. No. 2 is a proposed extension which has been abandoned by A. P. & L. It twould extend from Little Rock to Norfork to connect with other lines extending to Riverton, Kan., tapping a source of 35,000 kilowatts there. However, the WPB directed the REA to build the connecting line with Riverton, interconnecting with Pensacola dam.

Thomas Fitzhugh, attorney for ensacola dam.

Thomas Fitzhugh, attorney for gin operations.

U.S. Bauxite Aluminum Production Production At New Peak Reviewed

Gazette 1-30-42

Washington, Jan. 29 (A).—United States 1941 production of bauxite, the ore from which aluminum is had to convince the public of its taken for aircraft manufacture, totaled approximately 899,500 long
tons, exceeding the previous peak
of the World war year of 1918
by 50 per cent and surpassing 1940
output by 105 per cent, the Bureau
of Mines reported today.

Bauxite imports during the first
nine months of 1941 totaled 749,264
tons, considerably greater than ever
received during any previous full
12-months. Consumption of the ore
in this countries because the metal was
too cheap and plentiful to be used
for jewelry, A. P. Allen, director
of construction at the Aluminum
Company of America plant on Lake
Catherine near Malvern, told members of the Engineers Club at the
Freiderica hotel yesterday.

"A little over 100 years ago the
king of Siam wore the only known
piece of aluminum on his watch taken for aircraft manufacture, to-

12-months. Consumption of the ore piece of aluminum on his watch in this country also broke all records, amounting to an estimated 1,700,000 tons compared with 1,-072,000 tons in 1940.

Sets Record the form of the knives and forks at a banquet of kings and queens at a banquet of kings at a banqu

Gazette 2-1-42

at a banquet of kings and queens of Europe at Paris in 1870, but of the estimated 1941 bauxite production, Arkansas contributed was only a curiosity 60 years ago."

Mr. Allen said.

Mr. Allen add alabama.

Mr. Allen described how chartes the production with blacks and Alabama.

Mr. Allen ended his talk by describing the various produced on a commercial and and the production with blacks and allenged board illustrations.

Mr. Allen ended his talk by describing the various processes of aluminum production with blacks.

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Mr. Allen ended his talk by describing the various processes of aluminum production with blacks board illustrations.

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Mr. Allen ended his talk by describing the various processes of aluminum production with blacks bear and southeast of the park and entered the production production and the Republic Mining and Management with the batter of the production and the first produced on t

Aluminum Plant Power Sources Alcoa Official Speaks Before

tory of aluminum, declaring that as recent as 60 years ago the metal was a laboratory oddity with no practical use, since it was difficult to

Reynolds Co., To Open Own **Bauxite Mines**

Officials Decline To Reveal Extent

Engineers Club

Deinocrat 2-1-42

A. P. Allen, long-time official of the Aluminum Company of America, who is in charge of the aluminum plant which is now under construction near Malvern, was the feature speaker yesterday in a meeting of the Engineers Club in the Freiderica Hotel.

Although he confined his address to the technical side of the refining of aluminum, Mr. Allen said after the meeting adjourned that "satisfactory progress" was being made in Consumption of bauxite last year exceeded the previous peak reached in the World War year of 1918 by nearly 50 per cent, and the greatest in-crease was in Arkansas, the bureau reported.

Total output for the nation was 899,500 long tons, as compared with only 438,913 in 1940. Imports during the first nine months totaled 749,264 tons, a tonnage considerably greater than ever received during any previous full 12-month period. Last year, imports amounted to 629,552 tons. Production and importations this year are expected to "greatly surpass" those of 1941, the bureau said.

Consumption of bauxite last year exceeded in the World War year of 1918 by nearly 50 per cent, and the greatest in-crease was in Arkansas, the bureau reported.

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the meeting adjourned that "satisfactory progress" was being made in the construction work. Most of the surveying and mapping of the huge plant site has been completed, he said, and workmen now are employed in two 10-hour shifts in grading earth on building sites.

The speaker traced briefly the history of aluminum, declaring that as

Help Much In Huge amounts of electricity used in refining aluminum oxide into the useful product are not needed for power, but as a chemical reacting agent, Mr. Allen said. Twelve kilowatt hours of energy are needed to refine one pound of aluminum. A joint meeting of the Engineers Club and the Arkansas Society of Professional Engineers will be held next Saturday in the Freiderica. The club will meet February 28 with the Arkansas Engineers Club in the Hotel Marion. Arming Nation Will Have Two Army

Of War Industries.

When the Allied nations get around to taking the initiative against the Axis powers, Arkansas will have her "compliments" riding aboard many an implement of deaponed to the enemy. struction addressed to the enemy.

struction addressed to the enemy.
Early last summer, the nation awoke to the realization that aluminum, vitally needed for the production of fighting planes and bombers, was suddenly scarce. The Office of Production Management announced that an additional 30,000,000 pounds of aluminum were needed annually if the nation was to increase its output of aircraft. Two Aluminum Plants.

The Reynolds Metal Company soon the recipient of \$60,000,000 in new will start mining bauxite in Saline plants to help produce the precious and Pulaski Counties, but just how metal, because it had the ore, the extensive its operations will be power and labor available to carry comes under the head of "military on this effort without interruption of other industries."

The company, organized in Ar-Already a big bauxite organized in Ar-Already a big bauxite organized.

extensive its operations will be power and labor available to carry comes under the head of "military secrets."

The company, organized in Arkansas alast August, has leased extensive properties in the two-county bauxite field to secure ore for a new alumina plant which the company has under construction in Alabama.

O. C. Schmedeman, manager, said operations were about ready to begin. Further information, however, he refused to divulge, declaring that it came under the broad term of "military secrets."

The company made test drills on many tracts in the two-county field. At the time the company was organized, Mr. Schmedeman said a lower grade ore than commonly used in the production of alumina would be mined.

The government also has announced it would purchase a large amount of the lower grade ore—the first time it has been used commercially for the production of alumina.

Bauxite production last year reached a new all-time high of almost 1,000,000 tons—double the previous high of 1918. Mining of the lower grade for aluminum production is expected to add to the total production for 1942.

The Reynolds company hopes, through its Arkansas mining properties, to make its Alabama alumina plant self sufficient insofar as bauxite is concerned.

In the past, the only company production pauxite for use in melting the concerned of the lower and labor with the development of the lower industries.

Already a big bauxite ore produced and extract the aluminum plant and power plant to cost \$20,000,000 to construct, near the bauxite mines, some 120 miles west of Little Rock, near Benton. Then followed the acquisition of the aluminum plant and power plant on Lake Catherine, between Hot Springs and Malvern, the summent of the Springs and Malvern, the summinum plant to generate current with sour gas, was planned for Camden. It is a Rural Electrification project, and is still in an indefinite stage. Work on the aluminum plants has become restricted and will be operated by the Aluminum plant at Bauxite is concerned.

In the past,

when completed. This is the first step in reduction of the bauxite ore, which will be shipped by rail not only to the Lake Catherine plant, but to others being operated by him about the program.

"We have made it clear," he said,

ARKANSAS AREA TO GET TEST IN **BAUXITE QUEST**

Government Will New Sources Of Make Survey.

Gazette 2-6-42

about \$100,000 searching for new are due to American inventive bauxite deposits in a 600-square mile area extending from Pulaski to Clark county.

planes will begin in about three weeks. A magnetic survey of the weeks. A magnetic survey of the area has been under way several weeks. A supplementary gravity plies to considerable deposits near

survey began yesterday.
Offices have been established by Mark C. Melamphy of the United States Bureau of Mines and Dr. G. C. Bryson of the United States Geological Survey at the Colonial Courts on West Roosevelt road.

Huge Area South Of Little Rock to Be Tested.

The area in which tests will be made begins at Sweet Home, Pulaski county, and extends south of Woodson near the corners of Pulaski, Grant and Jefferson counties. The line turns southwest there and continues through Dethere and continues through Detoni. Saline county, Fetner in Grant county and Faber, Hot Spring county. It touches the tip of Clark county and turns north about eight miles. Then it returns to Pulaski county along a line that includes Friendship and Malvern in Hot Spring county, Benton in Saline and Alexander in Pulaski county.

Mr. Melamphy said tests will be

Mr. Melamphy said tests will be drilled where bauxite is most likely to be found. He said individual property owners will not be considered.

"When we find property that appears suitable, we will ask the owner for permission to drill," he explained. "We will be glad to receive all information possible from ceive all information possible from property owners but we will not drill at sites just because the owners ask it.

State Geology Department Completes Magnetic Survey.

Dr. George C. Branner, state geologist, said his department has completed a magnetic survey of the It showed that the entire area now under consideration is in one field, he said.

The gravity survey will show the

presence of granite and its distance from the surface. From this in-formation the geologists can judge the chances of locating bauxite.

No Person or Corporation To Have Special Consideration.

will be considerable.

Big Alumina Capacity.

The alumina plant at Bauxite is reported to have a capacity of 600,000 pounds of ore production when completed. This is the first step in reduction of the bauxite ore, which will be shipped by rail not only to the Lake Catherine plant, but to others being operated by

About 3,000 men will be employed on the Lake Catherine project during construction, with 600 employed veys have indicated the possible

permanently once the plant gets into production.

Good Bauxite Possibilities At Cillam Park Seen.

Gazette Roy Prewitt, lawyer representing Roy Prewitten Roy Prewit

fear that prices will be so low that only the higher grades can be profitably mined and shipped to the stock pile at the alumina plant site. They say that such a situation will result in waste of lower grades because small operators cannot compete with the "big three."

Larger companies can afford to sell bauxite at low prices or even

sell bauxite at low prices, or even give it to the Defense Plant Corporation, because they control the price of finished aluminum that will be produced on a cost-plus basis for the government, the inde-pendents agree.

Chromium, Aluminum

By HOWARD W. BLAKESLEE. New York, Feb. 11 (AP).—New American sources of chromium and

Department of Interior agents were prepared yesterday to spend Metallurgical Engineers today. Both genius in extracting metal by new processes from ores which former-ly were worthless. The chromium method promises

Tests for the ore from which 80,000 tons a year of a metal which aluminum is produced for war-Chromium is a hardener for plate and is necessary in stainless

Yellowstone park, in the Stillwater region of Montana.

The new sources of aluminum is alunite, with a promise of adding to the nation's resources a threeyear supply of about 3,480,000 tons year supply of about 3,480,000 tons of aluminum. The alunite deposits are at Enumclaw, Wash.; Sulphur, Cactus Range and Boyd, Nev.; Beaver and Marysville, Ut.; Calico Peak and Democrat Hill, Col., and possibly at Quartzite, Ari.

In some of these alunite deposits 10 per cent of the mineral has been concentrated enough to make aluminum. The other 90 per cent has been beyond reach of economical methods, and now provides the new

Bauxite Reserves May Be Exhausted

Arkansas's bauxite reserves may be exhausted in five or six years if the government's proposed new production schedule is followed, Dr. George C. Branner warned yester-

The state geologist, who returned from Washington yesterday, said the War Production Board is preparing to call for more bauxite than originally planned for use at the new Saline county alumina plant because of plans to increase warplane production.

"The WPB had a goal of 1,615,000 tons of low grade ore and 909,000 tons of high grade ore annually,' he said. "The great majority of this bauxite is 50 per cent or higher

in grade.

"At this rate of production, our reserves would be depleted in a few years. My studies and those of the United States Bureau of Mines and Office of Production Management indicate exhaustion of the deposits would occur between 6.4

and 7.6 years.
"If the government decides to increase this production, it is easy to see the seriousness of the situation." tion. It's a problem which the state should solve. It may become a matter of how much bauxite the state will permit to be mined in a year.

surveys are being made in Pulaski, Saline, Hot Spring, Grant and

PLAN BIG JUMP IN OUTPUT OF

More Magnesium

duction of 125,000 fighting planes in 1943 would necessitate a \$350,000,000 expansion of aluminum capacity and a vast increase in magnesium production.

Large quantities of ore above and below is shifted aside or left in the fields. Some of this ore can be recovered later, but the cost probably would be prohibitive.

Under the present rate, only the ore containing 55 per cent alumning the probability of the containing 55 per cent alumning the probability of the containing the containing

tion goals approximating 1,700,000,- cent of the bauxite ore in the state 000 pounds annually.

Magnesium output, totaling 33,- Columnists Warn Of

To Require Great Amount Of Electric Current.

such an additional drain on power supplies would force curtailment of non-essential uses of electricity. The total output of aluminum now contemplated will be "far beyond the reach of anything the Axis powers, together with all the countries can ever con-

creased 325,000,000 pounds a year, and will depend heavily upon newand will depend heavily upon newdeveloped production processes and rich magnesium deposits discovered in western Michigan. Six companies already have contracted to build magnesium plants with a 97 Pct. of Bauixte In aggregate capacity of 175,000,000 unds annually, Batt said.

Mining Engineer To Study Bauxite.

poration of the Reconstruction Finance Corporation, has been assigned to duty here in connection with a survey of bauxite deposits in Saline, Pulaski and Grant counties, R. F. C. officials announced yesterday. The agency is charged with the survey and procurement of vital defense metals for the position of the Reconstruction Finance Corporation, has been assigned to duty here in connection which is building both plants, the aluminameter of the suggestion of Alcoa, which is building both plants, the aluminameter of the suggestion of Alcoa, which is building both plants, the aluminameter of the large ore bodies near this plant are owned alumina plant was designed to process any ore brought to it, regardies of its grade. After the bauxite is converted into alumina, its previous grade makes no difference as far as the aluminum plant is concerned.

New York, March 19 (P).—Alfred R. Globus, 21, reported tonight his of the new reduction unit sites for the position.

The proposed government price schedule will make it impossible which is building both plants, the aluminameter ore bodies near this plant are one brought to it, regarding the process Reported.

The proposed government price schedule will make it impossible will make it impossible by the Aluminum-From-Clay and procurement of the large ore bodies near this plant are one bodies near this plant are one brought to it, regarding the process Reported.

The produced.

New York, March 19 (P).—Alfred R. Globus, 21, reported tonight his of the new reduction of Alcoa, which is building both plants, the aluminameter or bodies near this plant are one brought to it, regarding the aluminameter or bodies near this plant are one of the large ore bodies near this plant are one brought to it, regarding the processing of low grade ore the aluminameter or bodies near this plant are one of the large ore bodies near this plant are ordered.

The produced.

The pr poration of the Reconstruction Finance Corporation, has been assigned to duty here in connection with a survey of bauxite deposits of the nation's domestic deposits. Of this amount, only 9,900, which is building both plants, the alumina plant was designed to process any ore brought to it, regard-

WASTE OF LOW **GRADE BAUXITE**

U.S.ALUMINUM Changes Urged In Processing.

that President Roosevelt's "blue- for the raw ore, only the highest tion and report to Washington D. C. print for victory" calling for pro- grade ore can be mined, they said.

The government, officials said, is taking steps to provide for an annual aluminum supply approximating more than 2,500,000,000 pounds—compared with former, production goals approximating 1,700,000—said to the new reduction plant at Bryant. The Sweet Home fields are said to contain about 25 per source of the best former and the said to contain about 25 per source of the best former and the said to contain about 25 per source of the best former and the said to contain about 25 per source of the best former and the said to contain about 25 per source of the said to contain about 2

Magnesium output, totaling 33,000,000 pounds last year, must be increased to 725,000,000 pounds next year.

William L. Batt, WPB materials director, told a press conference the new expansion program would double again the size of the aluminum industry in 1939. One 640,000,000-pound expansion program now is well on the way to completion. Surveys for power requirements and plant sites already are under way for another 640,000,000 under way for another 640,000,000 pound increase. pany of America." line county, we The columnists said that for nent yesterday.

many years the company had melted its ore with caustic soda ac-Batt said the vast aluminum industry which will develop by midustry which will develop by midustry which require an additional continual 24-hour supply of 1,000,000 kilowatts of electricity. He said been able to use the low grade ores which abound in their countries, as

Axis powers, together with all the occupied countries, can ever contemplate. Batt said.

The Aluminum Company of America will carry the burden of aluminum mingot production under the expansion program, Batt said.

Aluminum productions are made to obtain 18 \$450, delivered to the contracts will be spread among and the contracts will be spread among and the expansion program will be spread among the expansion To Depend on New Deposits.

Under the new plants the popposits.

Under the new plants the popposits.

Under the new plants the production of the Bauxite and Northing ent aluminum or program will be increased to 450,000,000,000,000 pound assessium expansion program will be increased to 450,000,000 pound assessium expansion program will be increased to 450,000,000 pounds this year, will be increased to 450,000

James R. Evans, a mining engineer of the Metals Reserve Corporation of the Reconstruction Figure 197 (27,254,000 tons of bauxite ore above "D" grade. This represents 97 per cent of the nation's domestic de- "At the suggestion"

seek legislation which would fix ore prices on a scale which would permit the mining of all ore of "D" grade or better, with fixed prices for royalties, mining, and transportation to the government stock piles which are appreciated to stock piles which are expected to near Bauxite.

The mining requirements could be written into agreements for op-eration of the new governmentfinanced reduction plants. The land owners also will ask additional facilities be installed for the reduction of low grade ore by a process used by other countries but which has been rejected by "The land owners also will also be installed for the reduction of low grade ore by a process used by other countries but which has been rejected by "The land owners are removed."

Bauxite 3-15-42

More than two-thirds of the bauxite ore in Saline and Pulaski

bauxite ore in Saline and Pulaski county fields is being wasted and can be recovered only through a change in the mining and reduction system, a large group of land owners in the bauxite producing section washingon, Feb. 26.—The War Production Board disclosed today that President Roosevelt's "blue
bauxite ore in Saline and Pulaski county fields is being wasted and can be recovered only through a change in the mining and reduction system, a large group of land owners in the bauxite producing section said yesterday.

Degin a concerted move for mining reforms this week.

T. F. Field of Duluth, Minn., arrived in Little Rock last week to establish offices of the Reserve Metals Company, a government agency. James R. Evans of Butte, Mont., arrived here earlier. Both are mining engineers. They will make a study of the bauxite situation and report to Washington D. C.

CONCESSIONS IN BAUXITE PRICES EXPECTED SOON

dependent operators in the Sweet Home and Arch street pike areas because of difference in freight charges to the plant.

The Aluminum company, owners of large deposits surrounding the Bauxite plant, will build and operate the alumina plant for the Defense Plant Corporation. Pulaski county independents had expressed fear that a reported price schedule for

can play in the program. A price schedule probably will be set up on the basis of his recommendations.

A representative of the Bureau of Mines is here already to search for "every ton available for use in making aluminum for planes," Dr. Branner said. Magnetic and gravity surveys are being made in Pulaski, surveys are being made

Conference Arranged With Metals Agent.

The governor has arranged a conference for tomorrow to discuss the problem with DeWitt Smith of Washington, representative of the Metals Reserve Corporation.

Two other representatives of the DPC already are making a study of low grade ores and bauxite prices in the Pulaski-Saline areas. They are T. F. Field, consultant, who is surveying the economic possibilities for small producers of high and low grade bauxite, and James R. Evans, mining engineer who is studying the purchase and stock piling of the ore.

Shipped to Alabama.

Gazette 3-21-42

Bauxite mined from Arkansas deposits by the Reynolds Ore Company was force the landowners pay taxes on his ore u as the company was it at its own price. Excellent contracts of into metal, officials of the company said yesterday.

Active mining of domestic bauxite has been started by the Reynolds Ore Company, a subsidiary of the Reynolds Metals Company, in the Sweet Home fields. Original shipments of bauxite for the Reynolds ore the landowners pay taxes on his ore u as the company was it at its own price. Excellent contracts of into metal, officials of the company said yesterday.

Active mining of domestic bauxite has been started by the Reynolds Ore Company, a subsidiary of the Reynolds Ore Company, a subsidiary of the Reynolds Ore Company, as been started by the Reynolds Ore Company has fired, Ala., where it will be turned into the state. It said the in the state. It said the positive mining of the Reynolds Ore Company at Shefield, Ala., where it will be turned into the Reynolds Ore Company as the co

has never been published, indicated that independent operators would lose from 25 to 63 cents a ton on ore mined at Sweet Home and shipped to the stock pile at Bauxite unless price concessions were made. "Aluminum needed for the war effort is at a premium," the report said. "Yet, under the tentative price schedule, it would be impossible to mine any ore [in the Sweet Home areal that had an alumina content of less than 50 per cent and a silica content of more than 11 per cent, although it is contemplated that even lower grades will be usable at the new plant.

"Only the low grade ore located near the alumina plant can be mined profitably. Since more of the large ore bodies near the plant.

"Mr. Adkins also said he is disparate to find the statisfied with the reported schedule announced by the statisfied with the reported sche

Aluminum ore prices are near an all-time low. The land owners claimed the current prices paid to the Aluminum Company of America by the Reynolds Metals Corporation at ship side in Dutch Guiana, is above the price the small mining companies are receiving for the ori in Arkansas.

97 Pct. of Bauixte In
U. S. in Arkansas.

According to a survey completed by J. R. Thoenen for the United States Bureau of Mines last summer, the Arkansas fields contain 27,234,000 tons of bauxite or above the Alumina Plant Can Process All Grades.

Biles severance taxes winte United States loses forever large deposits of usable ore."

United States loses forever large deposits of usable ore."

It contended that independents would be forced to mine only the railed excessive freight rates and monopolistic practices by the Aluminations with sillicous materials."

The report suggested a government stool low a figure to make its mining economically feasible.

According to a survey completed in the March 13 edition of the Garabe Julian and aluminum plants being built near Bauxite and Lake Island and aluminum plants being built near Bauxite and Lake Island and aluminum plants being built near Bauxite and Lake Island and Isl

Arkansas Bauxite Shipped to Alabama.

studying the purchase and stock piling of the ore.
Governor Adkins said Mr. Smith plant came from The Netherlands, informed him the government is interested in getting the alumina plant in operation at once and that an "adjustment of prices in behalf of smaller producers" should be made.

Sweet Plottle Rely. Original snipments of bauxite for the Reynolds plant came from The Netherlands, East Indies, and was transported more than 8,000 miles. During the past fall, the Reynolds company made contracts for bauxite from Surinam, Netherlands colony in Central America.

cent silicon, only 35 per cent of the alumina may be recovered by any known process.

Representatives of firms interested in aluminum production said probably only industrial trial could show whether a new extraction process like this was worthwhile but any common clay extraction method, if successful commercially, was of great importance.

Globus' process is basically one of dissolving the clays with sulfuric acid and sodium hydroxide. Electrolysis is used to recover the show a profit only on the high grade ores mined. If the price levels for low grade ores are raised, much more bauxite will become available for reduction into alumina.

"The alumina plant, although operated by Alcoa, will purchase buxite from anyone who mines it and brings it to the plant, whether a simple formation of a small farmer. However, the price at which Alcoa buys it will be guided by the orers grade and government price levels."

Conference Arranged

With Metals Agant

discovered how to get it from other minierals 56 years ago. Representatives of firms interested in aluminum production said probably only industrial trial could show whether a new extraction process like this was worthwhile but any common clay extraction method, if successful commercially, was of great importance.

Globus' process is basically one of dissolving the clays with sulfuric acid and sodium hydroxide. Electrolysis is used to recover the acid, and where there happens to be a lot of iron in the clay, the electrolysis serves to separate it from as a by-product.

Globus claims he will be able to produce 200 to 250 pounds of aluminum and an aluminum company, the report said "They have been furnished money to build an aluminum and an aluminum and an aluminum and an aluminum care the field. They will lease and buric acid and sodium hydroxide. Electrolysis is used to recover the interest of the acids, and where there happens to be a lot of iron in the clay, the electrolysis is used to recover the iron as a by-product.

Globus claims he will be able to offer higher pr

in fee than can others. Since they are now facing stiff competition in the processing field, it might be worth something to them to control the domestic bauxite at its source." The report denied that the Aluminum Company had an actual monopoly on the bauxite reserves in the state. It said that by controlling the houvite and aluminum. ing the bauxite and aluminum market, the company has been able to force the landowners to hold and pay taxes on his ore until such time as the company was ready to take

it at its own price.

Excellent contracts with the OPM has placed the concern in a position to acquire at bargain prices, major ore bodies that are now in independent hands, the report

deposits in Pulaski county to sell or profitably to the government's big alumina plant at Bauxite, Saline county, were believed imminent yesterday.

Governor Adkins announced after a conference with two officials of the Aluminum Company believes "Special and the Arch street pike, the report said.

The governor's tested the tree port said that the company believes "special on side pendent operators would on a reported price schedule which the county road between Sweet Home and the Arch street pike, the report said.

The governor's report, based on a reported price schedule which the county road between Sweet Home and the Arch street pike, the report, based on a reported price schedule which the company believes "special onsideration" should be given integendent operators and Arch street pike and A The report suggested that "some subsidy for strip mining be placed into effect" to enable producers to

ference with Mr. Smith and other ans, the remainder being wives and government officials, said that Mr. Smith was "thinking along lines which had been previously suggested"; that is, some action to increase the producers difference between cost and price. cost and price.

Mr. Smith, who left Little Rock immediately after seeing the gover-nor for an inspection trip of the bauxite field, was not available for

Also Interested in Manganese.

He plans to spend two days in the

Governor Adkins said Mr. Smith was interested in manganese and other strategic minerals.

The report which was handed to the governor declared that the pro-

the state.

"As the situation now stands, only the low grade ores located near the alumina plant can be mined profitably," the report said. "Since more of the large ore bodies near this plant are owned by the Aluminum Company of America (which will operate the alumina plant and a \$33,000,000 plant) they alone will profit from the processing of low grade ore..."

The report also urged that the government subsidize strip mining operations, by which from 35 to 50 per cent more of the large operations, by which from 35 to 50 per cent more operations and the Reynolds Company of America. Its aluming and Manufacturing Company, as subsidiary of the Alumina Company of America (the America Cyanamid and Chemical Corporation and the Reynolds Metals Corporation.

Officials of the companies said they had not been notified of the new contracts announced by the Metals Reserve Company, as tup by the Alumina Plant and a company of America. Its american Cyanamid and Chemic

New Plant To Use Arkansas Bauxite

Gazette 3-26-42

Washington, March 25 (A). Rep. Increase Production. resentative Sanders (Dem., La.)

Reconstruction Finance Corpora- plant now under construction in tion's Defense Plant Corporation by Arkansas.

"Plans are proceeding for pos-

erything necessary to complete it have been granted."

U.S. May Take

use Arkansas ore.

BAUXITE ORE TO BE SPEEDED UP

Acceleration Plan-

the Reconstruction Finance Corporation of right of received to the company to distribute the Reconstruction Finance Corporation and report now being studied by the chief of the Reconstruction finance Corporation and with Reynolds Mining Company for production of Stategic materials, discussed the bauxite situation in a report now being studied by the chief of the Reconstruction finance Corporation.

Contracts have been made with American Cyanamid and Chemical Corporation and with Reynolds Mining Company for production of 540,000 and 300,000 long tons per annum respectively, of low-grade bauxite in Arkansas, Henderson reported.

Republic Mining To Increase Production.

"Republic Mining and Manufacturing company, a substidiary of Aluminum Company of America is proceeding with stripping operations preliminary to increased production," the report said, "and with several small producers will supply the balance of approximately 840.000 long tons per annum required for the 1,000,000,000-000-pound alumina plant now under construction in Arkansas. said he was assured by war production officials today work would be started soon on an alumina plant be started soon on an alumina plant tions preliminary to increased pro-at Baton Rouge, La., costing in ex-duction," the report said, "and with cess of \$15,000,000.

Sanders said the plant would be constructed and operated for the Reconstruction. Finance of approximately 840.

Reconstruction. Finance of approximately 840.

Reconstruction. Finance of the 1,000,000,000-pound alumina

The report mentioned arrangements previously reported under way for construction of a manga-

Arkansas representatives of affected companies declined comment last night on the Metals Reserve Company's announcement of a possible increase in production of 2,000,000 tons of high grade bauxite ore in Arkansas. Acting State Geologist Richard J. Anderson was unavailable.

Arkansas representatives of affected companies pleted this summer, permitting Governor Adkins, who unofficially announced the award of the early production of warship and the construction of warship and the companies declined comment last night on the Metals Reserve company's announcement of a possible increase in production of aluminum needed for construction of warship announced the award of the early production of aluminum needed for construction of warship announced the award of the electrolite plant last week, persuaded the DPC to locate it in Arkansas, after learning that such a plant would be built. Of the mineable bauxite located on the state-owned property, 179,910 tons are of 55 per cent or more of alumina content, 76,100 tons contains from 50 to 54.9 per cent alumina and 35,451 tons 45 to 29.9 alumina. The remainder has an alumina content of from 35 to 45 per cent.

At the present time the population of the home is 96. Of this numestion of the home is 96. Of this numerical numerical numerical numerical this summer, permitting feeted this summer, permitting the array production of aluminum nearly production of

when Governor Adkins learned a synthetic plant would have to be built somewhere to meet mill requirements, he persuaded the Detent of 45 to 49.99 per cent. The estimated 18,511,000 tons of "united a synthetic plant would have to be built somewhere to meet mill requirements, he persuaded the Defense Plant Corporation to place it in Arkansas. The new unit, when we will the state of tent of 45 to 49.99 per cent. The fense Plant Corporation to place chief ore of aluminum, are being estimated 18,511,000 tons of "unit in Arkansas. The new unit, known" bauxite includes all three of like the alumina and aluminum counties. Arkansas. Director R. R. those classes.

The report also urged that the government subsidize strip mining operations, by which from 35 to 50 per cent more ore can be mined from a deposit. This operation is more expensive than shaft mining. At the report also urged that the consumption. Charles B. Henderson, president of the Metals Reserve Company, set up by Jesse Jones to deal with domestic production of strategic materials, discussed the hauvite sit.

minum products, will enable the company to supply the much needed material for additional thouself military planes.

The Aluminum Company has been manufacturing cryolite at an East St. Louis plant for two years.

Before the new process was discorded it was necessary to import sands of military planes.
"In this great emergency we face

The confederate to sell it was withdrawn about three years ago after way for construction of a manganese concentrating plant of from 300 to 500 tons daily capacity in the vicinity of Batesville, Ark.

"Arrangements have been made to pay a premium of 2 3-4 cents per pound on over-quota production of lead, for a period of 2 1-2 years from February 1, 1942," Henderson said. "Substantial stimulation of small mine production may be expected to result from the premium price of 9.25 cents per pound, which able" bauxite which is located on property of the Arkansas Confederate Mystery yesterday.

Mrs. John Lofton, Little Rock, a member of the Honorary Board which supervised the institution. Said that the question of what to do with the large bauxite deposit of the state to sell it was withdrawn about three years ago after severe criticism.

Messald rock and the concern. Officials said the decinity of Batesville, Ark.

"Arrangements have been made to pay a premium of 2 3-4 cents per pound on over-quota production of 2 1-2 years from February 1, 1942," Henderson said. "Substantial stimulation of the struction in the Bauxite area of the concern. Officials said the decinity of Batesville, Ark.

"Arrangements have been made to pay a premium of 2 3-4 cents per pound, which is in excess of the light the concern. Officials said the concern of the concern. Officials said the calculation of the concern of the concern. Officials said the vicinity of Batesville, Ark.

"Arrangements

Arkansas representatives of af- pleted this summer, permitting

duction Board's plans for a goal of 1,615,000 tons of low grade ore and 909,000 tons of high grade ore annually were carried out, the Arkansas deposits would be exhausted within a few years.

Production of bauxite ore in Arkansas has averaged around 400,000 tons annually in the past. Of the approximately 37,023,000 tons of "known" bauxite reserves in Arkansas, 10,890,000 has alumina content of 55 per cent or more and 8,711,000 tons 50 to 54,99 per cent, it

plants, will be built and operated for the DPC by the Aluminum Company of America. Its power There are three major producers for the DPC by the Alumin of Bauxite ore in Arkansas, the Republic Mining and Manufacturing requirement is relatively small.

Alumina Plant

covered, it was necessary to import the fluoride from Greenland.

tion's Defense Plant Corporation by the Aluminum Company of America which is building a similar plant for the government in Arkansas in connection with an aluminum plant at Lake Catherine, Ark. Alumina is a powdered substance from which aluminum is made. The representative said the plant would "utilize bauxite from Arkansas as well as ore from Central and South America. Baton Rouge was selected as the site because of its location. "The importance of this plant for Baton Rouge can not be over-emphasized because of other indepaired by the fill interval to the fill of the plant arkansas in connection with possible emergency production from Arkansas in connection with possible since priority ratings on everything necessary to complete it have been granted." Plant are proceeding for possible increase in production of pinghar arkansas to 2,000. Only tons per annum, and for stockpiling any excess of currant production over consumption. "The above program represents a total increase of approximately 200 per cent over 1941 domestic production of bauxite, and is scheduled to keep pace with increasing requirements for aluminum. "The above program represents a total increase of approximately 200 per cent over 1941 domestic production of bauxite, and is scheduled to keep pace with increasing requirements for aluminum. "The above program represents a total increase of approximately 200 per cent over 1941 domestic production of bauxite, and is scheduled to keep pace with increasing requirements for aluminum. "The above program represents a total increase of approximately 200 per cent over 1941 domestic production of bauxite, and is scheduled to keep pace with increase of approximately 200 per cent over 1941 domestic production of bauxite, and is scheduled to keep pace with increase of approximately 200 per cent over 1941 domestic production of bauxite, and is scheduled to keep pace with 1940 net profit of \$2,428,277, or \$2.10 a share. Report Witheld On Arkansas bauxite in the Western hemisphere. The Reynolds Metals Near Bauxite

Gazette 4-22-42

Washington, April 21 (A).-Rep-The Reynolds Metals Company did not enter the Arkansas bauxite fields until 1940. It has obtained several mining properties in Saline and Pulaski counties. Mining operations washington, April 21 Cry.—Representative Norrell (Dem., Ark.) resentative Norrell (Dem., A

Resume Tests

For Bauxite Deposits

Gazette 4-30-42

Washington, April 29 (A).-Tests drilling for deposits of bauxite, the Sayers of the Mines Bureau reported today.

The director said the exploratory

Content of aluminum can be profitably mined, it was explained.

Many private concerns have been making tests in the Pulaski-Saline

work was being carried on in an area of 250 square miles between Little Rock and Benton, to determine the location, size and nature of hitherto unknown bauxite and the region of the mining region, it is expectative of the grade of ore which can be deposits and the quality of the ore. mined at a profit will be reduced

Seek to Determine Amount Of High Grade Ore Available.

conducted by the United States Bureau of Mines in co-operation with the Metals Reserve Corpora-tion in an effort to determine the amount of high grade bauxit available for production of aluminum in the Arkansas fields.

Aluminum officials here explain ed that although the earth's sur face contains a higher percentag of bauxite than it does of either chief ore of aluminum, are being resumed in Saline and Pulaski bauxite ore is the principal handi counties, Arkansas, Director R. R. cap. Only ore containing a high content of aluminum can be profit

HUNTING FOR BAUXITE



on the Sweet Home-Arch Street pike cut-off yesterday, to determin the size and quality of bauxite deposits in the area.

DELICATE MACHINERY The Reynolds Metals Company did not enter the Arkansas bauxite fields until 1940. It has obtained several mining properties in Saline and Pulaski counties. Mining operations have not been started by the concern. Officials said they the concern. Officials said they are not permitted to disclose love cation of their properties, or process of the Whether metals will be processed by the Mr. Norrell said the officials had decided to locate the new plant, struction in the Bauxite area or shipped to the firm's principal region of struction plants under construction in the Bauxite area or shipped to the firm's principal region of struction in the Bauxite area or an interview of the properties, or shipped to the firm's principal region of the properties, or shipped to the firm's principal region of the properties, or shipped to the firm's principal region of the properties, or shipped to the firm's principal region of the properties, or shipped to the firm's principal region of the properties, or properti

merican Smelting and Refining for the state to sell it was withdrawn about three years ago after severe criticism.

Mrs. Lofton, however, expressed the opinion that the government would, when the need arose, make arrangements to take over the strategic mineral.

Production of bauxite has been greatly increased in recent months. The alumina plant will be company in constructed to produce synthetic expression of aluminum, Governor Adkins said he was informed unofficially yesterday. Work will be relatively served at the Jones mill plant near Malvern and other aluminum plants in the United States. The plant's electric power requirement will be relatively sections where extensive investigation for the summer, informed sources have said. The new unit will be outil near the Hurrican Creek alumina plant.

It will use flourspar from mines in Kentucky and built near the Hurrican Creek alumina plant.

It will use flourspar from mines in Kentucky and built near the Hurrican Creek alumina plant.

It will use flourspar from mines in Kentucky and will be completed in the summer, informed sources have said. The new unit will be ubuilt near the Hurrican Creek alumina plant.

It will use flourspar from mines in the Little Rock-Benton area are thormed and will be completed in the summer, informed sources have said. The new unit will be ubuilt near the Hurrican Creek alumina plant.

It will use flourspar from mines in Kentically and will be completed in the summer, informed sources have said. The new unit will be completed in the summer, informed sources have said. The new unit will be completed in the summer, informed sources have said. The new unit will be completed in the summer, informed sources have said. The new unit will be output the rice and will be completed in the summer, informed sources have said. The new unit will be unit at the Hurrican Creek alumina plant.

It will use flourspar from mines from the scitors with being varieties of a sections where extensive invokent the sections with lightly technical instructions w in the Little Rock-Benton area are based upon investigations which have been in progress since December, 1941. The Bureau of Mines contracted for geophysical work with companies specializing in scientific prospecting, and the Geological Survey is conducting realering studies.

The gravity meter is used in measuring the density of the rock. The conducting the density of the rock. geological studies.

Wide Area Covered.

Wide Area Covered.
Hundreds of observations were made with the delicate instruments throughout the territory. These observations were carefully plotted on a large map and studied in detail before deciding the locations for test drilling. To get a perspective view of the gently signal data. tive view of the geophysical data, within a few thousandths of a de-

It is so sensitive that it can record units so infinitesimal as one 300,-

means of an electrical heating coil, controlled by a delicate thermo-The windows of the autocarried are equipped with blinds to keep out sunlight. The unit is suspended by a spring cradle in the car.

When operating on a highway, the unit is not removed from the vehicle. A hole in the automobile permits the observer to drop a specially designed tripod through the hole, mount the instrument on it, and take the reading. To transport the instrument across fields and wooded sections, it is carried in a special device on a man's back, swung between poles like a stretcher

Pencil Lead Recorded.

To demonstrate the sensitivity of the instrument, the operators placed a paper upon the unit's measuring system and the instrument balanced. The operator removed the paper and wrote the word "Smith" on the paper with a pencil. He failed to dot the "i." The amount of lead used in writing the word "Smith" placed the instrument out of balance. It was removed again and the dot placed over the "i." Addition of the dot caused an additional of the dot caused an addi tional deflection.

When these observations are completed, the test drilling crews begin their work. This unit consists of two large trucks, one with a derrick, and the other hauling a 500gallon water tank. The derrick supports a small core-drilling unit. Water is forced through the drill pipes, forcing the shavings to the surface. These shavings are washed and inspected by geologists, who remain with the unit. /If the shav-ings indicate strata of the type they are seeking, a core-drilling is made and the core inspected for more de-tailed information. From the core the geologists can obtain a defi-nite idea about the type of deposit.

Base Price Of \$4 Ton On Bauxite

Gazette 6-30-42

A base price of \$4 per long dry ton of bauxite ore at the Hurricane Creek alumina plant of Ward's spur, for material analyzing 50 per cent alumina and 13 per cent silica, was fixed by the Metals re-serve Division of the Reconstruc-tion Finance Corporation yester-

H. DeWitt Smith, head of the division, notified Governor Adkins that two schedules for milling ores have been set up which "apparently have appealed to small and large producers alike, and we anticipate that so-called small producers in 1943 may well produce more bauxite than the entire 1941 production of the state."

Stock Pile

Awaited

Gazette 7-11

Probable location of a stock wile in the state.

In computing the prices to be paid for other grades of ores at the Hurricane Creek plant, the federal agency will deduct 14 cents per ton for each per cent of alumina less than 50 per cent and 43 cents for each per cent of silica above 13 per cent. A credit of 14 cents will be allowed for each per cent of alumina above 50 per cent and 20 cents for each per cent of silica less than 13. silica less than 13.

Deductions Cited On Pulaski Ore.

For Pulaski county ore, f. o. b. Ward's spur, the base price of \$4 ore, with gross weight of about 20, 000 pounds, will be routed from a ton will prevail. Deductions of 10 cents for each per cent of alumina less than 50 per cent and of 20 cents for each per cent of silica above 13 per cent will be made Correspondingly, credits of 10 and 20 cents for each per cent will be made correspondingly, credits of 10 and 20 cents for each per cent will be proper tires would be permitted to

No ore will be purchased whe the available alumina is less tha 32 per cent.

Governor Adkins said he had no had time to check the schedules by commented that they "seem lo

Independent Miner Says Price 'Very Fair.'

P. A. Dulin, president of the Din Bauxite Company, which of erates in Pulaski and Saline couties, said last night he believed the price fixed by the MRD a "ve fair" one.

Ward's spur is used only for reserve, he said. Low grade bauxi mined in Pulaski county is broug to the spur, which is six miles fro the spur, which is six miles fro the Rock on the Arch Street pi and on the Rock Island Lines tracks, for storage.

Arkansas about six months agol to give immediate consideration to our view that a bauxite stock pile should be established in the vicinity of Sweet Home or near the Rock Island Lines shops in the suburb of Little Rock. We will advise you fur-ther at the earliest opportunity."

A new angle to the problem was presented yesterday when the state Highway Department announced that the Sweet Home-Arch Street pike cut-off cannot be repaired with blacktop or other bituminous product after July 22, under a new federal regulation restricting use of the material,

Decision On Bauxite Stock Pile Expected.

Governor Adkins' effort to obtain a stock pile for bauxite ore at Sweet Home may be successful

Considered

Gazette 7-7-42

The Metals Reserve Division of the Defense Plant Corporation agreed yesterday to reopen the question of establishing a stock pile for bauxite ore near Sweet Home.

Reply to a telegram sent by Governor Adkins, Director H. Dewitt Smith of the division said:

"We have requested Field and Evans [representatives assigned to Arkansas about six months agol to a regive immediate considered.

Sweet Home may be successful tomorrow.

He said he has scheduled a conference with James Evans of the Metals Reserve Division of the Defense Plant Corporation, who has been stationed in Arkansas on a special assignment for six or eight months.

The Metals Reserve Division has had an important role in the development of bauxite deposits in Defense Plant Corporation will be representatives assigned to Arkansas about six months agol to Arka

The governor, assisted by Congressman David D. Terry of Little Rock, has urged the establishment of the Sweet Home stock pile for several months on the ground that most of Pulaski county's bauxite is found on that side of Granite mountain.

May Use Convoys In Shipment of Bauxite.

Washington, Aug. 12 (A).-Dr. J C. Kielstra, governor of Dutch Guiana, said today after a conference with President Roosevelt, that he hoped "that a way may be found that shipments of bauxite from Surinam to this country may

BAUXITE MINING

DUE FOR SPURT. **OPERATORS SAY**

Gratified by Order Of WPB.

Action of the War Production high-grade bauxite under complete could

Decision On

Gazette 7-11-42 Probable location of a bauxite

stock pile in the Sweet Home area

pile on the Arch Street pike will be closed today to trucks hauling more than three yards of ore, with a gross weight of more than 12,000

Trucks loaded with five yards of

20 cents for each per cent will b offered for ore containing mor alumina than 50 per cent and lessilica than 13 per cent.

No ore will be restricted to haul the heavier loads over Roosevelt road and Highway 167. The gross weight limit is 40,000 pounds, gross weight limit is 40,000 pounds,

Stock Pile Decision Expected Soon.

Mr. Mitchell said he conferred this week with a representative of the Metals Reserve Division of the Defense Plant Corporation con-cerning the proposed stock pile at Sweet Home.

James Evans, field agent of the Metals Reserve Division, has been

studying the proposal several days. Governor Adkins and Congress-man David D. Terry of Little Rock announced Saturday they had urged Director H. DeWitt Smith of the Metals Reserve Division to es-

they were unable to mine the lower grade ore at a profit.

Large Quantities Of Low Grade Ore Available.

Board in placing production of high-grade bauxite under complete

Decision On

Veteran bauxite miners say that large quantities of low-grade ore could be recovered from mines abandoned after removal of the high grades. This ore could be extracted by a simple scraping process.

A recent survey by the United States Bureau of Mines showed that Arkansas fields contained 27,-254,000 tons of Class D bauxite or better. This represents 97 per cent

The new order is expected to increase basic prices of bauxite and to cause establishment of additional stock piles in the center of the producing areas to facilitate shipment of larger quantities to out-of-state precessing plants.

by the Aluminum Company of America in Arkansas will continue to process high-grade ore. Products

Rate Expert T. E. Wood of the Arkansas Corporation Commission indicated that the Defense Plant Corporation, purchasers of the bauxite to be processed at the Sa-Corporation, purchasers of the bauxite to be processed at the Saline county alumina plant, could file an application for a one-line freight rate on the Missouri Pacific Lines from Sweet Home to the alumina plant. The present two-line rate, including switching charged by the Bauxite and Northern railroad, is double that of the one-line tariff filed by the Rock Island Lines, Mr. Wood said.

Week, Says Norrell.

Washington (P)—Construction of the huge government aluminum plant aluminum plant aluminum plant aluminum plant aluminum plant aluminum corporation expected the first unit to start production this week, Representative Norrell (D., Ark.) said.

Norrell told an interviewer he conferred with interested government officials and representatives of the Aluminum Company of America, which will operate the plant for the government, after receiving information some delays might be expected.

The construction of a companion three weeks behind schedule to start July 18, would be completed only about two weeks behind schedule to mit, scheduled to start July 18, would be completed only about two weeks behind schedule.

Norrell said he was told the second unit, scheduled to start July 18, would be completed only about two weeks behind schedule.

The third unit was schedule.

"The third unit, schedule to start July 18, would be completed only about two weeks behind schedule.

"The third unit was schedule.

"The third unit, schedule.

"The third unit, schedule.

"The third unit, schedule.

"The third unit was schedule.

"The third unit, sched

allocation control will mean increased activity in the Pulaski and Saline county fields and reopening many abandoned mines in the area, operators predicted yesterday.

Under the restrictions expected under the new order, bauxite containing less than 15 per cent silica will be used primarily for manufacture of aviation gasoline, abrasives and aluminum. Producers of many other bauxite products, including chemicals, will be forced to obtain alumina from low-grade ore, much of which has been passed up in the Arkansas fields after the higher grades were extracted. Independent operators have said that they were unable to mine the lower grade over at a profit.

Bauxite operators have charged that more than two-thirds of the bauxite ore in Saline and Pulaski counties is wasted under the cur-rent systems of mining and reduc-tion. They believe that the new or-

tracted by a simple scraping proc-ess which already has been started by the Republic Mining and Man-ufacturing Company on most of its Saline county properties

better. This represents 97 per cent of the nation's domestic supply. Of this amount, only 9,900,000 tons is classed as A grade or better. Until-recently only A grade ore was proc-

of-state processing plants. The Republic Mining and Manufacturing Company and the Metals Reserve Corporation to be operated Ready to Go

Lake Catherine Production Starts This Week, Says Norrell.

The construction of a companion alumina plant in Saline County has been delayed in all about 30 days, Norrell said he was advised, because of slow delivery of steel "and the fact the while the Arkansas Power & Light Co. had the necessary manifest the saline for contrasting of terials available for construction of a transmission line, it, of course, had to secure in the usual way, the pri-

Saline Plant in August.

When the alumina plant (alumina is a powdered substance taken from bauxite from which the aluminum is processed) was projected it was esti-mated it would start operating and

and producing this month.
"I am advised that the plant will be practically in full operation in August," the Monticello congressman

"With reference to the aluminum plant at Jones Mill, the first unit was scheduled for production on June 27. This unit will actually start production on July 18, according to

"Rainy weather last winter de-aved construction work some six See ALUMINUM on Page 2.

Opens Huge **Bauxite Mart** 17,000,000 Tons Of Once Worthless Ore Now Will Be Mined.

Plans for the mining and reduction of 17,354,000 tons of once valueless bauxite in Saline and Pulaski counties are being completed this month by miners who heretofore found low grade production impossible because of a lack of a profitable market. able market.

Under the recent order of the War Production Board, issued for the purpose of conserving high grade bauxite for specific war requirements, many industries will have to obtain their alumina from the low grade product heretofore considered valueless.

under the new order bauxite containing 15 per cent silica, or less, must be used for the production of aluminum, abrasives and aviation gasoline. Producers of other bauxite products must secure their requirements from lower grade bauxite.

an expansion of the Defense Plant Corporation's alumina plant in Saline county, Arkansas, to cost in the neighborhood of \$12,000,000.

Alumina is the powdered substance, processed from bauxite, Discarded in Past.

In the past, mmers say, it has been necessary to abandon mines when the grade started running above a certain per cent silica. This mineral was left in the mines where it remains.

Morrell conferred with officials.

tions as follows:

Grade A—55 per cent alumina of clauminum.

Grade B—50, to 55 per cent alumina of aluminum.

Grade B—50 to 55 per cent alumina, 8,443,000 tons.

300 Million Pounds

Grade C—45 to 50 per cent, 7,803, Ol Alumina Involved.

Grade D-30 to 45 per cent, 1,918, 000 tons. Lowest Grades Needed.

field.

Miners, however, included one the largest operating companies of the world located at Bauxite refused to give any figures on either production or market at present. "The will have to work itself out," on official said. But he added, "We ar certain we are going to have to minlow grades and that we are not go ing to lose money on it under the present program."

officials declared the stepped up production will be a help to the company in reaching its production will be a help to the company in re

weeks but I am advised that the work has progressed to such an extent that three weeks of this lost time has been recovered and that actually now the unit is but about three weeks behind schedule. Norrell said he was told the second unit, scheduled to start July 18, would be completed only about two weeks behind schedule. Ahead of Schedule. "The third unit was scheduled to (Continued From Page 1.)

schedued time."

The congressman said both the alumina and the aluminum plants, as well as the power plant at Jones Mill, near Lake Catherine, have been inspected during the last two weeks by the War Production Board, the Defense Plant Corporation and the Bureau of the Budget.

"They were all very complimentary of the Aluminum Company, the construction officials and the workers," Norrell said.

"They are nighly pleased with the progress that has been made—in fact this has constituted a tremendous construction job the largest and probing the construction in the largest and probing the same and probing the largest and probin

undertaken in Arkansas and probably one of the largest in the Unite

"And to think that all the unit "And to think that all the unit is larger to the wind of the ing on explosing shadow that not only the certainly shows that not only the Aluminum Company and the construction companies, but all of the men who actually did the work have rendered very efficient and patriotic

service.
"The government is highly pleased so I am advised, with the accomplish-

NewWPB Edict EXPANSION OF SALINE ALUMINA PLANT FAVORED

Gazette 7-14-42

WPB for Enlarging Capacity.

an expansion of the Defense Plant

from which the government will

was left in the mines where it remains.

On a rising market resulting from the recent WPB order scrape and strip processes can be invoked to bring forth the 17,000,000 tons once considered of less value than clay or sand.

The influence of the market or "I den't have all of the details."

The influence of the market on the low grade bauxite has already for publication," Norrell said, "but been felt, and paying prices have much of the money will involve inbeen established. Miners, feeling stallation of additional machinery assured they will be able to show a for processing of the bauxite into profit, are preparing to resume operations on many abandoned properations on many abandoned properations.

erations on many abandonce properties.

Acting State Geologist J. Anderson said today the state has 27,254.

The addition, he said, would give the plant an annual capacity of 1,better. He separated the classifications as follows:

The expansion announced Lowest Grades Needed.

Mr. Anderson said that according to a Bureau of Mines statement he an increase in production of 300 has received even all of the Class I 000,000 pounds of alumina annua bauxite mined will be marketable and is wanted for war industria needs.

He said more than 95 per cent of the nations domestic supply of bauxite must come from the Arkanss field.

The expansion announced Representative Norrell will mee an increase in production of 300 pounds of alumina annua bauxite mined will be marketable and is wanted for war industria needs.

Aluminum Company of America officials declared the stepped-up production will be a help to the

ALUMINUM MAY BE PROCESSED CHEAPLY FROM KANSAS CLAY

(Wide World News Service.)
Lawrence, Kan., July 15.—University of Kansas scientists believe Scribes as relatively low in cost and simple in operation.

Details cannot be disclosed, but

If large scale production develops as successfully as laboratory tests on the campus, Dr. R. C. Moore, di-

The new process uses clay from Kansas deposits containing quantities so large they never have been measured but which Dr. Moore estimates at tens of millions of tons. The amount of high grade bauxite ore in the United States has been estimated as sufficient for only a few years of production, and the tensor of the method of getting aluminum in its metallic form is the same as used in extracting aluminum from bauxite—by an electrohas been estimated as sufficient for only a few years of production, and about 50 per cent of the nation's needs are imported.

Dr. Moore credits the research of E. D. kinney for developing the new process of getting aluminum from clay. He is a mining and metallurgical engineer at the University of Kansas and metallurgist for the Kansas Geological Survey. Collaborating with him were Norman Plummer and John Romary, ceramists of the survey, and Ray Thompson, chemist. They worked out a method which Dr. Moore demanded to large-scale production would cost only \$10,000.

Bauxite Ore

Survey Data

roduction for war needs.

"It is well at this time to warn dholders to avoid the tying up their lands under lease, or othewise, 's speculators who may hold

duction and the landholder needs his

duction and the landholder needs his income. There will be efforts to tie up the lands by some speculators. This should be avoided. Speculators are after profit for themselves only and are interested in making morey through resales of lands and leases."

production indefinitely," er stated. "We need pro-

they have found a cheap new way of producing aluminum.

If large scale production develops until a cinder is formed containing a soluble aluminate and this solu-ble chemical is removed merely by

on the campus, Dr. R. C. Moore, director of the Kansas Geological Survey, predicts the door will be opened to many new processors who have been unable to compete with the established method of getting the precious metal from bauxite.

The new process uses clay from Kansas deposits containing quanti-

num from bauxite—by an electrolytic process.

Its scarcity is the reason scientists have been developing reasible methods for extracting aluminum from the many clays which contain it in smaller quantities.

The Costs Low.

Dr. Moore credits the research of E. D. kinney for developing the costs of the new c

- PROCESSING OF POORER BAUXITE AND CLAY URGED Now Available

Information concerning the prospect drilling completed and being done by the U. S. Bureau of Mines, in bauxite and other war necessary mineral areas, may now be obtained by bonafide operating companies who are prepared to start mining operations, J. R. Thoenen, district engineer, announced yesterday.

Location of newly discovered ore bodies, as to their location on township plats, will be divulged to landholders and prospective mine operators, Engineer Thoenen stated. Proper precautions, however, will be taken to avoid the exposure of facts to any "in-between" investors or "fly-by-night" speculators who might, instead of speeding the product in of bauxite or other war product in of bauxite or other war product in of bauxite or other war product in the proper people who will util to the advantage of the natic in this war effort, and not to spect ators," said Mr. Thoenen. "For this reason landholders and mine opera's, or those in a position to enter legitimate mining field will en the information."

In the case of the bauxite, the lat will show the holes drilled and stand of the stand of the same process would enable alumina plants to mix a substantial quantity of clay with high grade bauxite supplies.

Reporting on results of a year's study of possible new sources of

the case of the bauxite, the twill show the holes drilled and ther they were reported blank whether they contained bauxite. This special dispensation is made the case of the bauxite, supplies.

Reporting on results of a year's study of possible new sources of alumina, the committee disclosed that the new process would permit treatment of "red mud" left over after alumina had been removed from high grade bauxite. "Substantial amounts" of additional alumina can be obtained the report said. "This special dispensation is made for the purpose of speeding, and not delaying the mining of bauxite ore, and other war requirements." Mr. Thoenen emphasized. "Heretofore the bureau has maintained secrecy with regard to ore locations to pro-

oct the landholders. Now the buneau fee it is time to expose such information to the proper parties which will increase and speed ore was highly important because the proper parties which was highly and highly important because the proper parties which was highly and highly WPB officials said the report was highly important because najor source of high grade bauxte is from an overseas source, Outch Guiana. Arkansas is the principal source of the domestic supply. Officials said increasing submarine warfare represented serious threat to the continued flow of materials from Dutch Guiana.

The committee report urged continuation and expansion of cur-rent pilot plant operations in various sections of the country, such as those being operated by the Bureau of Mines and by Kalunite Incorporated, in Utah.

NEW PLANT IS **READY TO TURN** Gazette-8-4-42

Initial Shipment This Week.

By CLOVIS COPELAND.

ment of aluminum ingots from the huge Jones Mills Works on the army fighting plane before the end Hot Spring counties today.

By the time this plant gets into full operation, it will be turning out enough aluminum for 35 fighting planes each day, while the Hurricane Creek alumina plant will produce enough alumina for five times as many planes. The Jones Mills Works will process about onefifth of the Hurricane Creek plant's output when both plants get into

full production. The other four-fifths will go to reduction plants in the Middle West and East. Production at both plants repre-sents only a small part of their eventual capacity, but it represents a bitter fight against heavy odds in the United States.

in the United States.

The plants are being constructed and will be operated by the Aluminum Company of America, for the United States government. The completed units will represent an expenditure in excess of \$71,000,000. Construction started about seven months ago. seven months ago.

kansas workmen," said Congress-man Norrell. He explained that most of the construction workers are Arkansans as will be most of the operators.

An investigation by Mr. Norrell showed that the aluminum company had sent about 200 key men to Arkansas to train operators who previously had been engaged in a score of various occupations.

Harry Slagle, superintendent of the Jones Mills Works pointed with pride to a young man handling a highly technical job connected with the lining of the cooking pots with carbon and fire bricks.

"When I first came here, that An investigation by Mr. Norrell

"When I first came here, that boy was washing and greasing my car," Mr. Slagle told the congressman. "He and the others certainly are taking a great interest in their "iche"

About 2,600 men have been employed on the construction projects and about 2,500 will be needed for operation, Mr. Norrell revealed. Total expenditures by the aluminum industry in Arkansas may exceed the pay roll of any other single industry, he said.

They viewed the huge stripping operations where Mr. Norrell was told that one concern was remov-ing more than 1,000,000 cubic yards of earth a month, more than was moved by all Arkansas operators in a year before the war. There are many pits, some 100 feet deep and

covering many acres.

Most of the raw ore in this section is being shipped to the Hurricane Creek plant for processing. Bauxite to Get **Higher Rating**

Bauxite, established as a company town by the Republic Mining and Manufacturing Co., will become a first class post office to serve both the Hurricane Creek Alumina Plant and the Jones Mills Aluminum Plant

For Postoffice

Plant.

Confirmation of this has been received by J. W. Lewellen, acting superintentent for Republic. The first step will be a new classification advancing it from third class where it has been assigned for many years. The present increase in mail, during the construction jobs on the two plants, was sufficient to merit to change of classification.

Heretofore mail has been routed through another post office where it was sorted. Under the changed program it will be sacked intransit and a special mail truck will pick it up and take it direct to Bauxite.

Activities have made boom cities of Hot Springs, Malvern and Bauxite. Construction of \$50 housing units near the Hurricane Creek plant is expected to relieve a serious housing shortage in that section. Only farm houses have been available to construction workers. There will be 425 demountable houses, which will have one, two or three bedrooms, a kitchen and living room. There will be 150 "war apartments" for workers and their wives, and 300 dormitories for men only. Dormitories will have four rooms, with two men to a room. a room. Housing is under construction in two projects known as "Pine Haven" for white workers and "Woodlands" for Negroes. Each project will have a recreation hall, administration building, cafeteria and athlatic field.

bu Housing Oun

Under Construction.

administration building, careteria and athletic field.

The influx of workers will require the addition of 13 teachers and additional rooms to the school at Bauxite. School officials said they probably would be forced to hold two sessions of school daily, from 7 a m to 12, and 1 p. m.

from 7 a. m. to 12, and 1 p./m.

Only 75 housing units have been authorized for the Jones Mills Works. This includes 25 staff. houses and 50 barracks buildings.

(Continued on Page 18, 6th Col.)

(Staff Correspondent of the Gazette.) Malvern, Aug. 4.—The first ship-

banks of Lake Catherine will be on its way to become a part of an of the week, Congressman W. F. Norrell of Monticello said following an inspection of the huge aluminu mindustry in Saline and

for thousands of workmen who have transformed cars of steel, concrete, machinery and a 1,000-acre tract into the largest alumina proc-essing plant in the world, and one of the largest aluminum ingot units

Arkansans Quickly Become Skilled Workers.

"These plants are a tribute to Ar-

Party Inspects Huge Stripping Operations.

Mr. Norrell, accompanie Thomas C. Jones of Little Rock in charge of Arkansas operations the Aluminum Company of erica; Raymond Stephenson, Monticello business man and friend of the congressman; Mr. Slagle, John W. Lewellen, acting superintendent of the Republic Mining and Manufacturing Company and L. H. Crudden, superintendent of the Hurricane Creek plant, made a tour of most of the bauxite operations in the two counties.

wards. This includes 25 states and 30 herracide Julillocation of the Julillocation of Authoritisms are being sought in the Julillocation of Authoritisms and Julillocation of Authoritisms of