

Two 6600 kilowatts, ninety revolutions per minute, General Electric generators, 3,200 volts, will be installed now, with the usual auxiliary apparatus; while a third will be installed later. The water-wheels are, of course, of the vertical type, and the generator and water-wheel will be on the same shaft. Current will be transmitted to Badin without the use of transformers, to the rotary converters in Building 35, where it will be converted to direct current for use in the motor rooms.

At the present time, there have been placed about seventy-five thousand cubic yards of concrete in the dam and powerhouse, leaving about seven thousand cubic yards still to be placed.

The closures in the gate openings are now being made, and will be completed in December. Steelwork on the powerhouse has been started, and is progressing nicely.

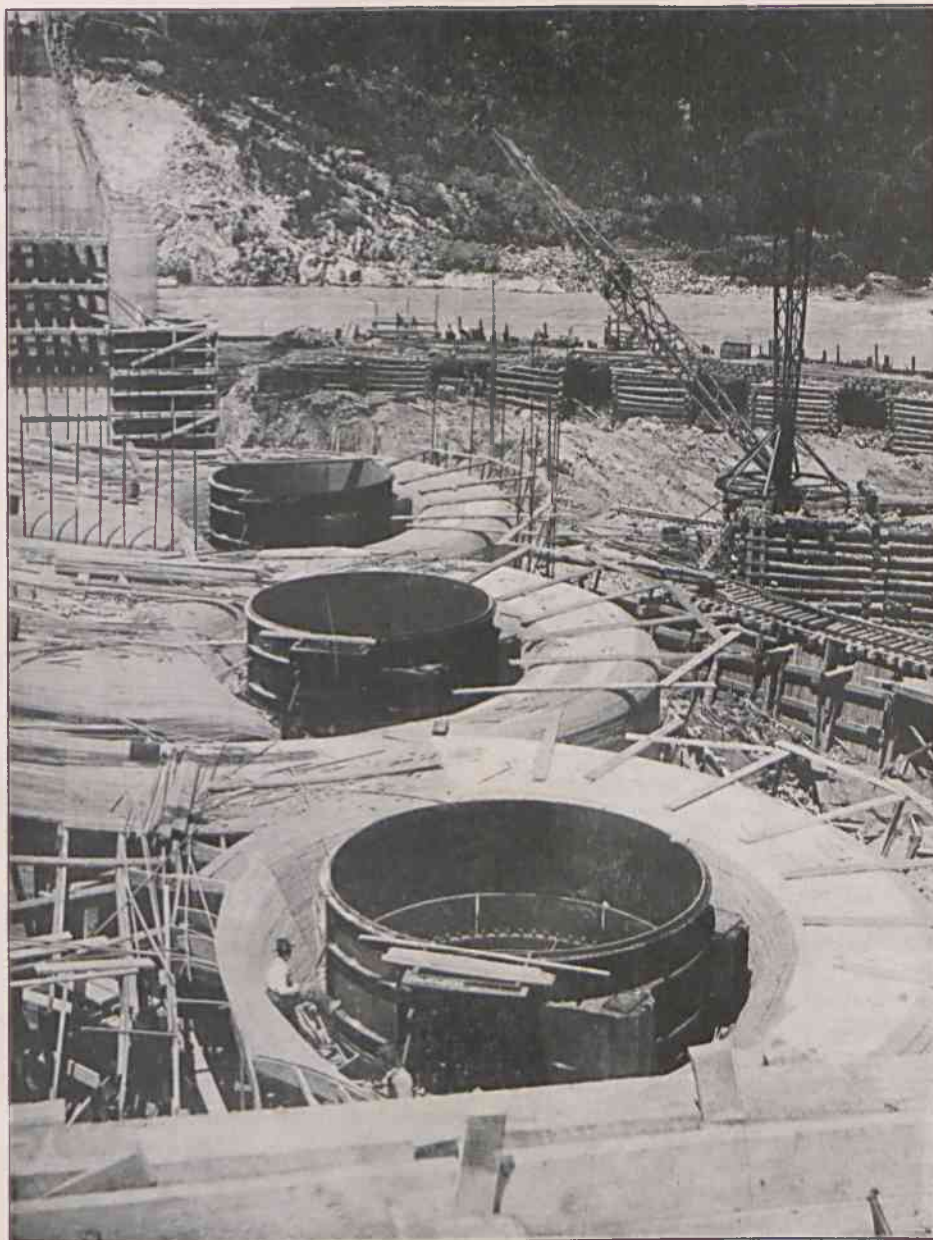
Brickwork and the setting of machinery will soon be started, and it is expected that the plant will be in operation early next spring. One point worth mentioning in connection with this plant is, that, owing to the existence of the Narrows plant just above, the Yadkin Falls pond can always be kept full, and the plant operated at a constant maximum load—a most unusual and desirable condition with a hydro-electric plant.

J. A. JUSTIN

Mothers and Fathers

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How of the horror of the rain-soaked trench at night, with the shells flying overhead like bats out of hell? What do we know of the gnawing cramp of hunger or the hideous wrench of agonizing wounds? Our eyes have not seen the human wreckage of the battlefield, our ears have not heard its awful cries. Our hands have not yet touched the cup. Our feet have not yet touched the ground. Our hearts have not yet touched the hearts of our brothers. Our hands have not yet touched the hands of our mothers, wives, and daughters had been dragged like the women of Lille by bayonet-clad demons to slavery, then we would be able to speak a language of sacrifice we do not yet know or even begin to understand. Then would we have learned something of the courage of Christ when he refused the stupefying drink upon the cross, and faced suffer-



YADKIN FALLS DEVELOPMENT

View in Substructure of Powerhouse, Showing Forms for Scroll Cases

ing—yes, welcomed and greeted it, as a very end and aim of life.

It is a splendid thing to give billions to war that war may cease. It is thrice blessed to give to these magnificent and merciful organizations that have been formed not to take life, but to save it. not to give wounds, but to bind them up. not to spread disaster and blasting death. but to dispense good cheer and kindness and knowledge and comfort and brotherly love among our own boys.

It is a privilege to give to this great cause when for the first time in history Jew, Protestant, and Catholic are sinking the bitter differences of centuries. when prejudices are sweeping out like

commingling in the final gold of truth. ash in furnace-winds, and creeds are This cause is, indeed, His cause, and each dollar we give is given into the very treasury of heaven.

We regard the work of these humane fraternities of such supreme importance, that, altho, like others, we have given, and given generously, we hope, to every worthy war-time cause, we have determined to contribute our check for ten thousand dollars on the very first day of the drive.

If for a moment, far from the peril and sudden death of the trenches, we are tempted to shrink from new sacrifices, we have but to look around about us to