

Dam Job Awarded For Jordan R.

The contract has been awarded for construction of 117-foot concrete dam and 150,000-kilowatt plant at the Jordan River power project.

The \$9,548,000 contract went to Emil Anderson Construction Co. Ltd. of Hope, the same company that is building a 3½-mile power tunnel to replace a wooden flume which has carried water to the existing generating plant for more than 50 years.

The redevelopment at Jordan River is expected to provide peaking power for Vancouver Island when it is completed in 1971, B.C. Hydro said in making the announcement.

NUCLEAR PLANT

But Dr. Gordon Shrum, chairman of B.C. Hydro, has predicted that continually increasing demands on the power supply will make a further project, possibly a nuclear power plant, necessary after 1975.

"There will have to be another larger project to meet the load growth, and a decision about this will have to be made by 1975 at the latest," he said.

Under the contract, Emil Anderson will build the new

dam 1½ miles downstream from the existing Diversion Dam, which was built between 1909 and 1911.

Both Diversion Dam and Bear Creek Dam, five miles upstream, are to be improved under the present redevelopment program.

LOW-LEVER OUTLETS

The new dam will be called Elliott Dam after J. M. Elliott, former superintendent of the Jordan River Generating Station.

Anderson will also build the station to house a 218,000-horsepower turbine and generator unit.

A further contract for low-level outlets at Elliott and Diversion Dams was awarded by B.C. Hydro to Newton Chambers Engineering Ltd., at a cost of \$219,000.

The gates are to be placed at the intake of the power tunnel and at points where water will be released from the new power plant.