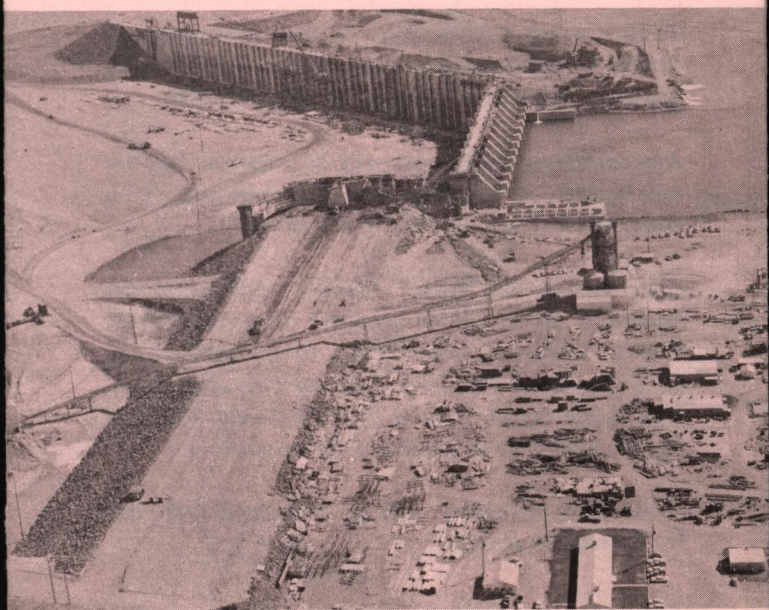


WANAPUM DEVELOPMENT



Under Construction by
**PUBLIC UTILITY DISTRICT
OF GRANT COUNTY**
EPHRATA, WASH.

GENERAL INFORMATION (Wanapum Development)

The Priest Rapids Project includes both Priest Rapids and Wanapum dams, owned by the Public Utility District of Grant County. Construction started on Priest Rapids dam, located on the Columbia River 24 miles below Vantage, on July 9, 1956. Priest Rapids dam went into full production in the fall of 1961, and was dedicated June 2, 1962. Construction started on Wanapum dam, located 18 miles upstream from Priest Rapids, on July 16, 1959.

Grant County Constructors, a five-firm combine headed by Morrison-Knudsen, Boise, Idaho has the general construction contract for \$93,277,690.

Approximately five years will be allowed for the construction of the Wanapum Development, with completion scheduled for the fall of 1964.

Nine public and private electric utilities of the Northwest have signed contracts with the Public Utility District of Grant County for the purchase of 63.5 percent of the power from the Wanapum Dam. The Public Utility District of Grant County is retaining 36.5 percent of the power for its own use.

Power from Wanapum will be integrated with the Northwest Power Pool.

The Harza Engineering Company of Chicago is the designing and supervising engineering firm for the Project.

Provision will be made for the installation of a future navigation lock to be built by the United States Corps of Engineers, when monies are appropriated by Congress.

Wanapum Dam is being financed by long-term revenue bonds to be retired through the sale of power. No tax monies or government appropriations are being used in its construction.

STATISTICAL DATA (Wanapum Development)

Location

On the Columbia River, State of Washington, 6 miles downstream from Vantage, 18 miles upstream from Priest Rapids Dam, and 415 miles above the mouth of the river.

Type

Reinforced concrete and earth-fill structure.

Size of Dam

Total overall length - feet	8,707
Reinforced concrete - feet	2,868
Earth embankments - feet	5,839
Maximum height from deepest point of excavation - feet	191
Head - feet (rated)	80

Spillway

Length - feet	830
Number of gates	12
Type of gates	Tainter
Size of gates - feet	50 x 65

Powerhouse

Length - feet	1,540
Base width - feet	197.5
Number power units	10
Turbines, type	Kaplan
Horsepower per unit	120,000
Revolutions per minute	85.7
Nameplate rating per generator at 0.95 PF - KW	83,125
Total capacity - KW	831,250

Fish Facilities

Number of fish ladders	2
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Reservoir

Square miles	23
Drainage area - square miles	95,000

General Quantities (estimated)

Earth and rock excavation - cubic yards	11,532,000
Earth and rock fill - cubic yards	4,553,000
Concrete - cubic yards	1,133,000
Reinforcing steel - tons	39,000

WANAPUM NAME

The Wanapum Indians, or River People, numbered more than 2,500 and for untold centuries lived along the banks of the Columbia River, ranging from Pasco to Vantage. Today only four members of the group survive.

The Wanapum Indians were very cooperative with the Public Utility District of Grant County in planning for the Priest Rapids Project, part of which is located on one of the camp grounds of the Indians.

In appreciation of the attitude of the Wanapums and their leader, the late Puck Hyah Toot, the upper dam of the Priest Rapids Project has been named Wanapum.

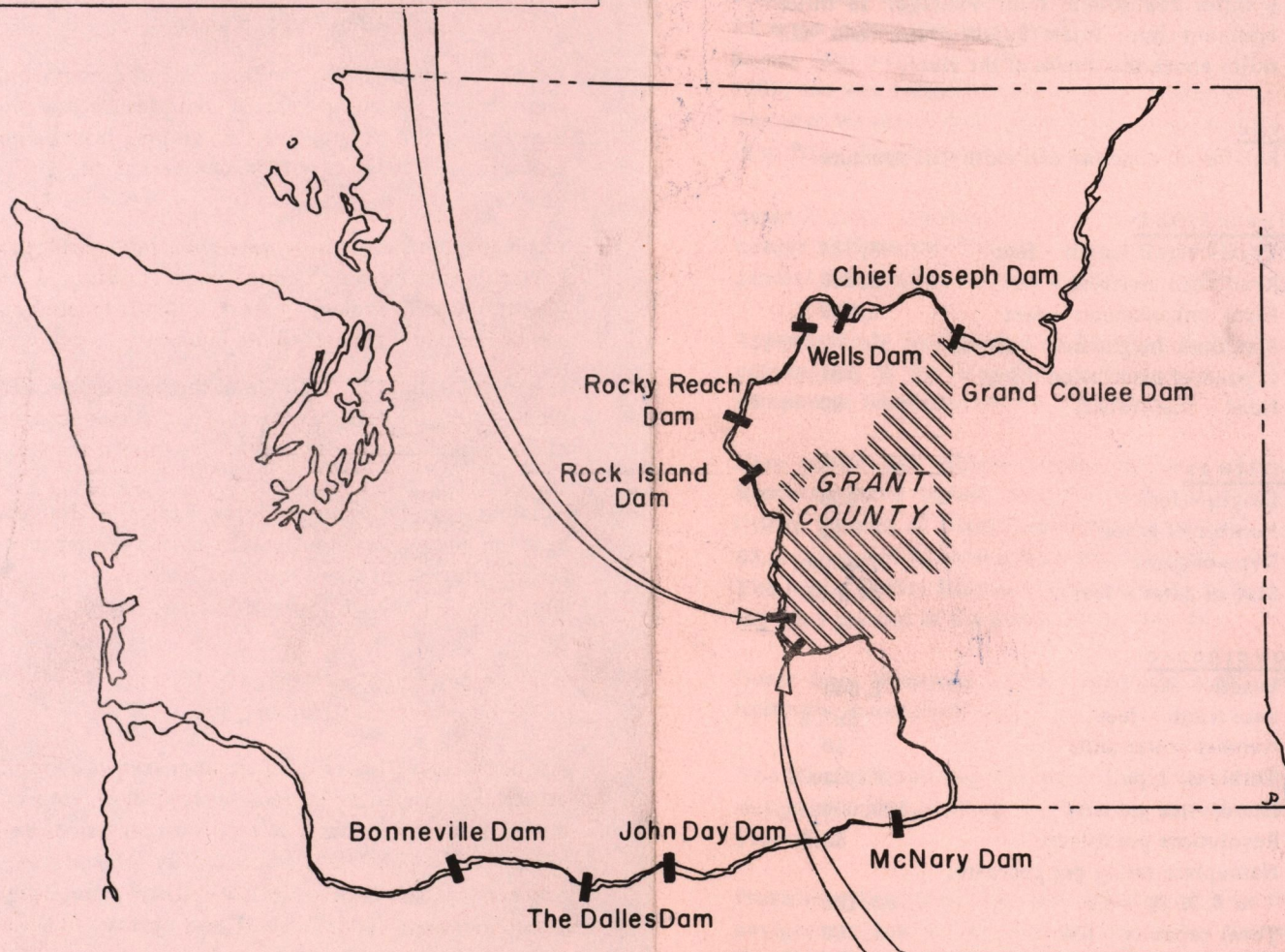
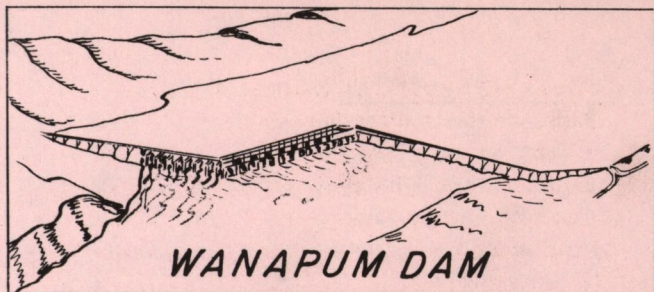
Incidentally, the name of Priest Rapids is derived from the ancient religious leaders of the Wanapums. Early explorers saw these religious leaders practicing their rites and named the area "Priests" Rapids.

WHAT IS A PUBLIC UTILITY DISTRICT?

A Public Utility District is a consumer-owned electric utility, sanctioned by law and created by a vote of the citizens of the county to supply its electrical requirements. The "PUD" has authority to issue revenue bonds, to acquire electric utility systems by direct purchase, and to build and operate its own electric generating systems.

The Grant County PUD is building the Priest Rapids Project to insure Grant County an adequate and continued power supply to care for the future population growth and industrial expansion of the District, and to add additional kilowatts to the Northwest Power Pool.

COLUMBIA RIVER
POWER PLANTS
COMPLETED AND
UNDER CONSTRUCTION



PRIEST RAPIDS
PROJECT
NOW UNDER
CONSTRUCTION

