

WANAPUM DEVELOPMENT

Progress Report • 1st Quarter 1964

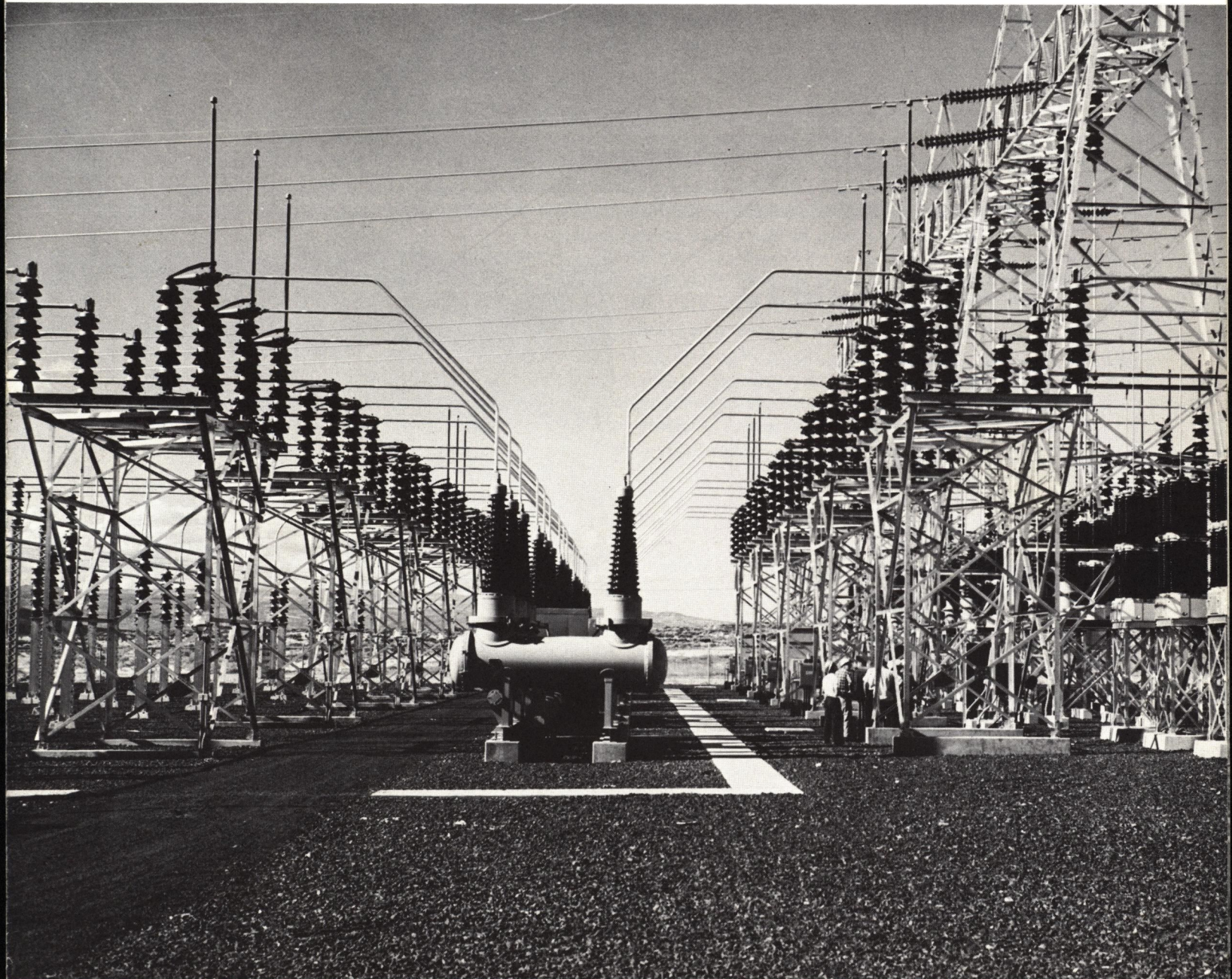
Prepared by

HARZA ENGINEERING COMPANY

Construction Engineer for

GRANT COUNTY PUBLIC UTILITY DISTRICT No. 2

View of Wanapum switchyard shows geometric array of inert gas power circuit breakers in the center flanked by hydraulically-operated disconnecting equipment. The disconnects allow the breakers to be isolated for maintenance from the transmission line coming in at top and from switchyard high voltage bus at far left. The switchyard structure is aluminum throughout.



HARZA ENGINEERING COMPANY CONSULTING ENGINEERS

400 WEST MADISON STREET

CHICAGO 6, ILLINOIS

CABLE ADDRESS "HARZENG CHICAGO"
TELEPHONE RANDOLPH 6-3451

E. MONTFORD FUCIK
PRESIDENT

WANAPUM DEVELOPMENT QUARTERLY REPORT TO BONDHOLDERS FIRST QUARTER 1964

The tenth and final generation unit was placed in commercial operation on January 18, 1964. Production of electrical power totaled approximately 825,000,000 kilowatt-hours for the quarter. Testing of the generation units for final acceptance was conducted in accordance with the specifications and the engineers were in the process of evaluating the test results at the close of the period.

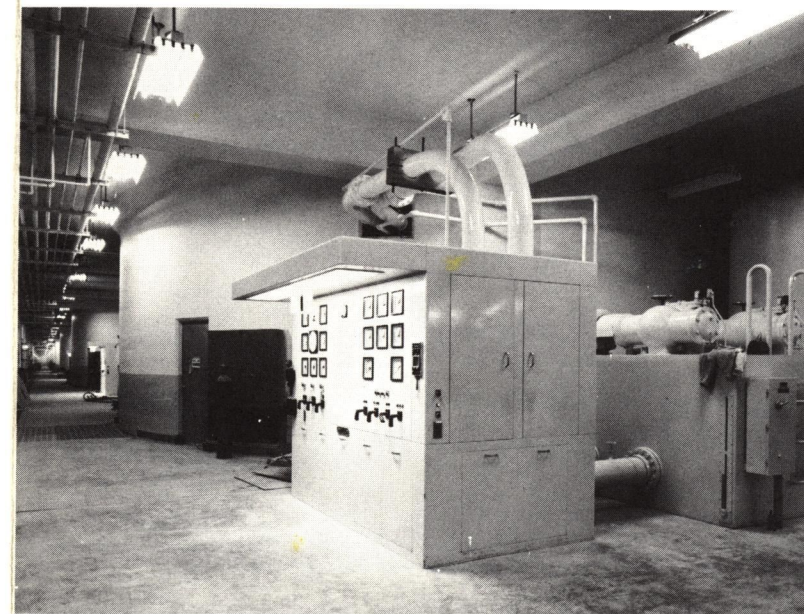
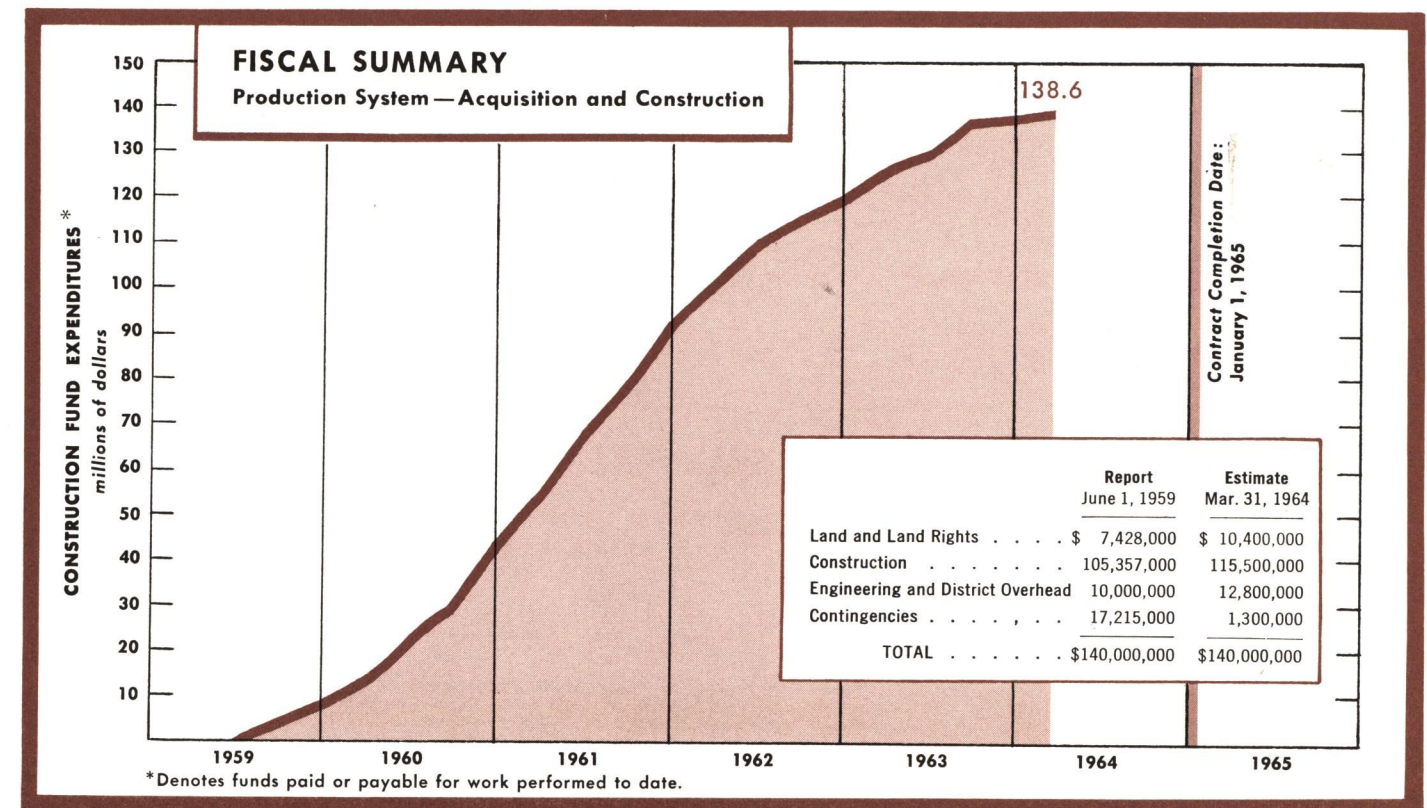
The station elevators, compressed air systems, potable water system, sewage treatment plant, air conditioning and other miscellaneous equipment were placed in operation. The office areas in the service building were completed and were ready for occupancy. Placing and grinding of terrazzo floor in the generator hall were in progress. Installation of guard rail was completed on the embankments. Concrete placement is complete. Other work in progress includes concrete finishing, painting, installation of lighting, and miscellaneous pickup work.

Grant County Constructors' earnings for the period were \$290,841.

Construction of the fish spawning channel at Priest Rapids was complete and erection of the steel buildings for the joint Wanapum-Priest Rapids Maintenance Center was nearly complete at the end of the quarter. Installation of equipment and work on interior architectural items for the Center continues.

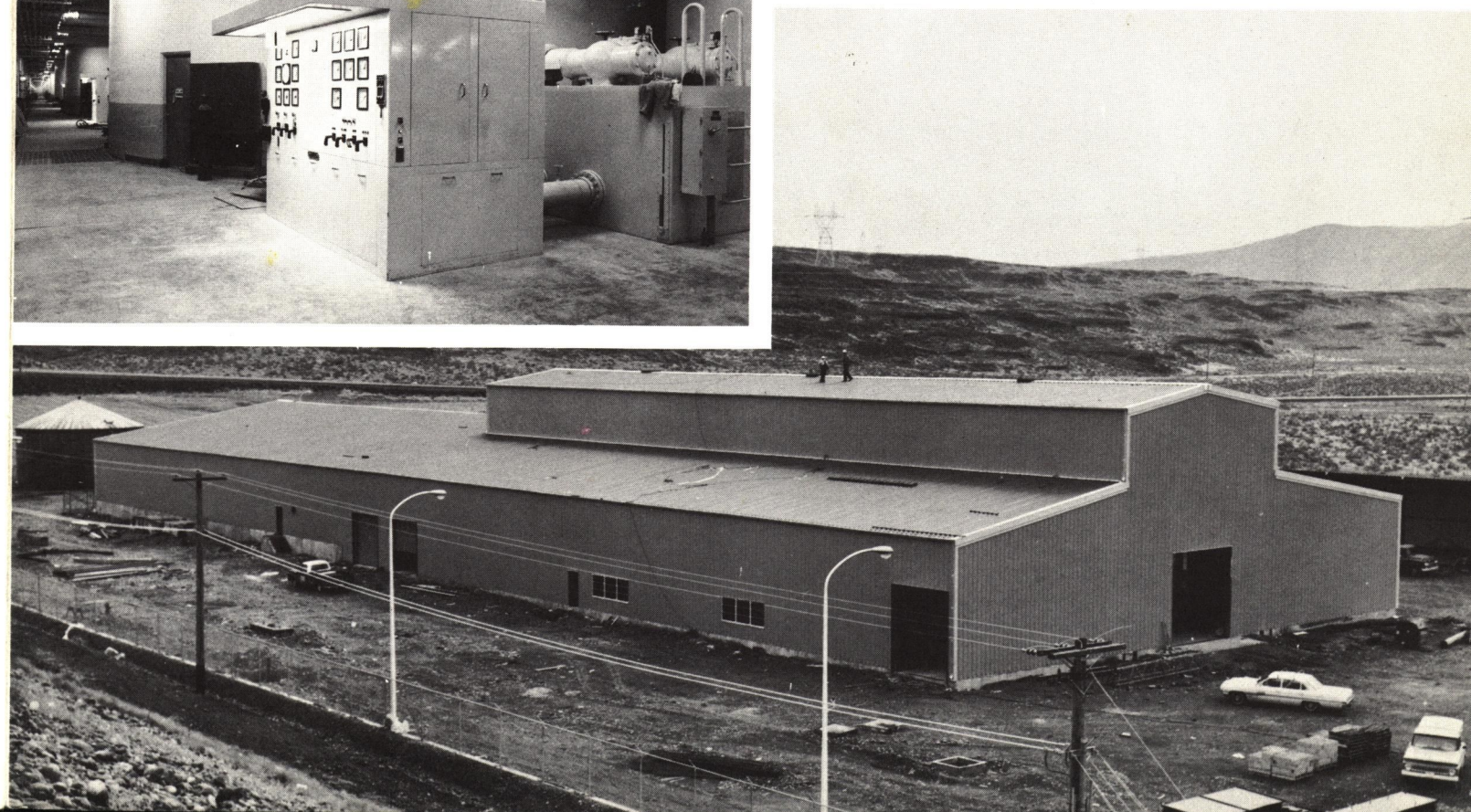
E. Montford Fucik
E. Montford Fucik
President

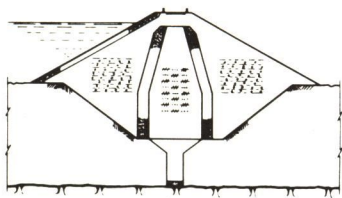
This report is made in compliance with Section 8.3 of Resolution No. 474 of the Public Utility District No. 2 of Grant County, Washington, which resolution authorized the issuance of \$195,000,000 in Wanapum Hydro-Electric Revenue Bonds, Series of 1959, for acquisition and construction of the Wanapum Development.



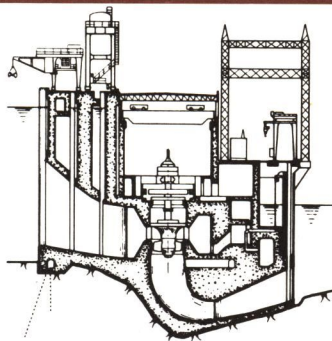
On the turbine floor of the powerhouse the governor control cabinet stands in front of the barrel of unit No. 1. Units 2 through 10 can be seen strung along the 900-foot length of the powerhouse.

Erection of the machine shop and warehouse building nears completion at the Wanapum-Priest Rapids Maintenance Center. The construction contract for \$1,150,000 facility is held by Miles Construction, Inc., of Mercer Island, Washington.

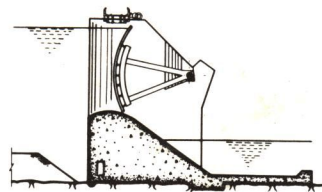




EARTH EMBANKMENT



POWERHOUSE



SPILLWAY

CONSTRUCTION PROGRESS SUMMARY

AS OF MARCH 31, 1964

■ SCHEDULED ■ ACTUAL

Access and Construction Plant

Cofferdams — River Diversion

Excavation

Embankment

Concrete Dam and Spillway

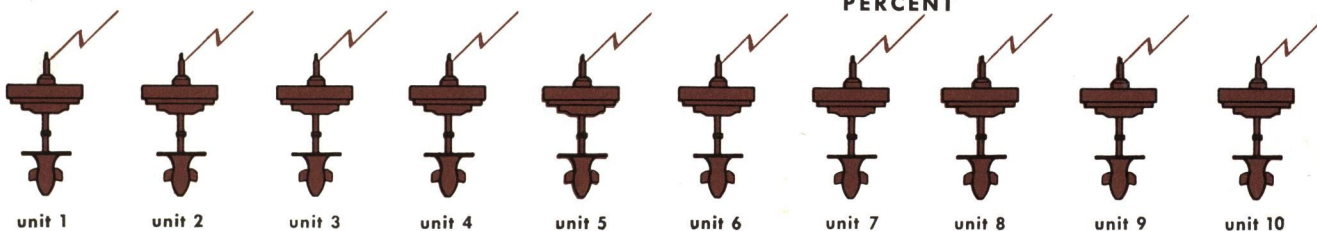
Powerhouse

Turbines and Generator — Manufacture

Turbines and Generator — Installation



POWER GENERATION



Total installed nameplate rating for ten generators: 831,250 kilowatts.

WANAPUM DEVELOPMENT