

EVERY *4101*.....
CITIZEN
EVERY
BUSINESS
EVERY
ORGANIZATION

In Idaho
Will Benefit From
Bruce's Eddy Dam



BRUCE'S EDDY DAMSITE—Located on the North Fork of the Clearwater River five miles Northwest of Orofino, the Bruce's Eddy site carries the highest benefit to cost ratio of any project proposed by the U. S. Army Corps of Engineers in its 1953 Revision of the Middle Snake River report.

FLOOD CONTROL, POWER AND
RECREATION DEVELOPMENT
OF THE
CLEARWATER RIVER

A Key To Area Development

Bruce's Eddy dam and reservoir will be operated as a key part of the multiple purpose development of the water resources of the Columbia River basin. It will play a major role in alleviating the power shortages that are recurrently facing its people and industries.

Proposed operation of the reservoir contemplates keeping the pool area full during the summer months for power generation and to make a beautiful lake for recreation, summer homes and other aesthetic uses. Water level would be lowered during the period of low water from November until spring to supplement downstream flow and to provide space to catch flood waters which normally occur in May preventing highway damage both in the Clearwater, Snake and Columbia rivers proper.

About 11½ million acre feet of storage is usable for river control purposes.

Inception of the study of the project to build a dam on the North Fork began shortly after the disastrous 1948 flood when it became evident that although control of the rampaging Clearwater river was vital, the people of the river valley were adamant that the main channel of the river providing the only east and west access through north central Idaho could not be blocked for the proposed Kooskia dam.

Least Injury To Area

The Bruce's Eddy project is designed to give the area it serves the maximum benefits with the least amount of disturbance and injury. Its completion encompasses road improvements far superior to the present canyon area much of which is not now accessible by automobile.

Facts About Bruce's Eddy Flood Control - Power Project

Location, North Fork Clearwater River,
five miles Northwest of Orofino.

Elevation970 ft. above sea level

Drainage area2440 square miles

Maximum flood of record 100,000 sec. ft.

Annual flood control benefits.....\$1,954,500

Project cost.....Approx. \$117,500,000

Annual power benefits\$10,666,000

Benefit to cost ratio.....2.14 to 1
(without recreation benefits)

DAM DATA

Type, rock fill, 2400 foot crest, 570 feet high

Elevation top of dam.....1546 feet

Gross storage, acre feet.....2,460,000

Length of pool49 miles

Area normal pool10,800 acres

Usable storage, power, acre ft.....1,433,000

Generators3—80,000 kw. or 240,000

Estimated cost of firm energy.....mills 1.79

Minimum pool elevation1370 feet

Navigation benefits, annually\$537,000



EXCERPT FROM REPORT OF ARMY ENGINEERS

“Consideration of the factors influencing water resources planning shows that of the streams of the Middle Snake River, Clearwater River is the greatest contributor to flood damages. The present favorable opportunities for storage to the interest of at-site and downstream power production as now proposed would involve no commitment of water that would be used for irrigation or other consumptive use, and blockage of the streams at the feasible dam site would cause negligible damage to fish runs.”

WIDESPREAD BENEFITS

Sound thinking leaders of the Pacific Northwest support the multipurpose Bruce's Eddy flood control and power project because it is superior to all other sites in providing a combination of these essentials:

1. Effective flood control.
2. Dependable at-site power.
3. Impressive down stream power firming benefits.
4. Immediate access for easy and speedy construction.
5. Insignificant damage or disruption to the economy of North Central Idaho or to travel routes of its people.
6. Impressive benefits in making accessible large bodies of private, state and federal timber now not harvestable.
7. No encroachment on lands dedicated to recreation, big game or wild life use.
8. Opportunity for investment of private capital as well as federal funds to broaden the tax base of Clearwater County and the State of Idaho.
9. Continued interest of utility companies adequately financed to obtain early start and completion of the project in time to meet the region's critical 1960 power needs.

Need Upstream Storage

Upstream storage such as Bruce's Eddy is vital to the success of the lower Snake River navigation development for which the Inland Waterways Association has worked so diligently during the past twenty years.

Free enterprise capital from investors all over America is available to share in the potential development of the Northwest. It must be permitted to help in those projects which require funds far beyond the capacity of appropriations by Congress.

Commands Extensive Support

Expressions of approval have been made by the following organizations on the Clearwater Dams. Comment by you is invited as are the other expressions either for or against; as we are not in position to obtain complete information on organizations far removed from the region.

Counties and Municipalities, Irrigation Districts and Other Organizations

Clearwater County	Village of Elk River
City of Orofino	City of Pierce
Idaho County	City of Lewiston
Village of Kooskia	Village of Stites
Village of Kamiah	
Idaho Flood Control District No. 1—John Poole, Lorenzo, Idaho.	
Idaho Irrigation District No. 36, Idaho—N. V. Sharp	
Lewiston Grain Growers Association, Lewiston, Idaho	
Inland Water Ways — Lewiston and Walla Walla	
North Side Canal—Mr. Welteroth, Jerome, Idaho.	

Chambers of Commerce and Similar Service Organizations

Grangeville Junior Chamber of Commerce
Kamiah Chamber of Commerce
Orofino Chamber of Commerce
Moscow Chamber of Commerce
Grangeville Chamber of Commerce
Lewiston Chamber of Commerce
Kooskia Lions Club and Chamber of Commerce
Pierce Chamber of Commerce
Orofino Lions Club
Idaho Falls Chamber of Commerce
Lewiston Grain Growers, Inc.
Asotin, Washington Chamber of Commerce
Spokane, Washington Chamber of Commerce
St. Maries Chamber of Commerce
Kellogg Chamber of Commerce
Wallace Chamber of Commerce
Kiwanis Club, Grangeville
North Idaho Chamber of Commerce and others

Recreation and Wildlife Organizations

Idaho Outdoor Assn.—Kamiah-Kooskia Chapter
Idaho Outdoor Assn.—Orofino Chapter
Idaho Outdoor Assn.—Weippe-Pierce Chapter
Idaho Outdoor Assn.—Boise, Idaho
Kooskia Brink and A Half Club—(Tourist and Recreation Organization)
Grangeville Wildlife Association

Labor Groups, Veterans, Similiar Groups

Veterans of Foreign Wars, Orofino, Idaho
American Legion, Pierce, Idaho
American Federation of Labor, Lewiston, Idaho
CIO and AFL, Orofino

Granges

State Grange (Idaho)	Troy Grange, Troy, Idaho
Pomona Grange, Clearwater County	
Pomona Grange, Latah County	
Kamiah Grange, Kamiah, Idaho	
Soil Conservation District, Clearwater County	

Power Expansion Vital To Economic Growth

Idaho has been blessed with an abundance of resources—and a dynamic economic system which has made use of them toward continued economic growth and development of a young, vigorous commonwealth.

The per capita tax in the state in 1953 was \$61.34, only little more than half of the \$107.10 paid by every man, woman and child for state services in nearby Washington.

In the 10 years since the end of World War II generation of power in the Northwest has doubled from 3½ to 7 million kw. With the demand climbing by 7% each year compounded annually it is estimated that nine million additional kw. of power will be required to keep pace with the growth of the region in the next two decades.

Continued cooperation and pooling of all private and federally built power will be needed to combat the inevitable power shortages that loom seven or eight years away unless an accelerated program of hydro electric construction is permitted.

Need All Capital Available

The federal government will be asked for a billion dollars to complete its projects now authorized, but much more money than that will be required from investment capital and private sources if we are to continue to grow, expand and improve our economic use of other resources and maintain the standard of living which we have heretofore enjoyed.

This folder compiled from data obtained from the U. S. Army Corps of Engineers and other authoritative sources by the Water Resources Committee of the Orofino Chamber of Commerce for publication by

CLEARWATER DAMS ASSOCIATION

Orofino - - Idaho