

Yakima, Nov. 9, 1944

Work of the Engineers in the State of Washington

1. The Corps of Engineers of the United States Army.
Original engineering and construction organization of the Government.
2. Military Functions.
 - a. Army combat and service units.
 - b. Design, test, procurement and issue of military engineer equipment.
 - c. Planning, construction and maintenance of camps, posts, airports, depots, manufacturing plants, docks, fortifications and all utilities.
 - d. Procurement of construction materials and equipment.
 - e. Purchase, lease and disposal of real estate.
3. Civil Functions. (Divisions and Districts.)
 - a. Planning, investigation, reporting, construction, maintenance and operation of River and Harbor Works for navigation, flood control, irrigation, power and other uses.
 - b. Miscellaneous duties.
4. Civil Works in the State of Washington.
 - a. Navigation projects:
 - (1) Rivers and Harbors of Puget Sound, Bellingham, Everett, Seattle, Lake Washington Canal, Tacoma, Olympia, and others.
 - (2) Coastal Harbors, Neah Bay, Quillayute, Grays Harbor, Willapa Harbor.
 - (3) Columbia River and Tributaries, including Snake River.
 - b. Flood Control Projects:
Mud Mountain Dam and Puyallup River, Yakima River, Stillaguamish River, Skagit River, Spokane River, projects of Lower Columbia River area, Mill Creek, Walla Walla.
5. Planning in the State of Washington.
 - a. Columbia River, "308" comprehensive report.
 - b. Skagit River, comprehensive report.
 - c. Green-Duwamish River, flood control.
 - d. Spokane River, flood control.
 - e. Yakima River, flood control.
 - f. Clark Fork, comprehensive report.
 - g. Kootenai River, flood control.
 - h. Foster Creek, power site.
 - i. Umatilla Dam, navigation and power.
6. The Columbia "308" Report.
 - a. Authorized by House Document 308 of the 69th Congress in 1927 to provide general plan for most effective improvement in the interest of navigation, power, flood control, and irrigation.
 - b. Report submitted in 1932:
 - (1) Upper River for irrigation and power.
 - (2) Lower River for navigation and power.
 - (3) Flood control problems are local.
 - (4) Ten power sites proposed: Grand Coulee, Foster Creek, Chelan, Rocky Reach, Rock Island, Priest Rapids, Umatilla, John Day, The Dalles, Warrendale (Bonneville).
 - c. Rock Island Dam, power.
 - d. Bonneville Dam, navigation and power
 - e. Grand Coulee Dam, irrigation and power.
The Columbia Basin Project.
7. Review Report on Columbia River.
 - a. Authorized by Congress in 1935 and requested by the Committee on Commerce in 1943 to determine whether any modification in existing projects or plans of improvement should be made.

- b. Investigations commenced in 1943 by Portland and Seattle Engineer Districts.
- c. Information and data to be secured from all sources, national, state and local.
- d. Separate basin reports for tributaries.
- e. Comprehensive report for the whole Columbia Basin.

8. Participation of Canada.

a. The International Joint Commission.

- (1) The Governments of Canada and the United States submitted this reference on March 9, 1944:

"In order to determine whether a greater use than is now being made of the waters of the Columbia River system would be feasible and advantageous, the Governments of the United States and Canada have agreed to refer the matter to the International Joint Commission for investigation and report pursuant to Article IX of the Convention concerning Boundary Waters between the United States and Canada, signed January 11th, 1909.

"It is desired that the Commission shall determine whether in its judgment further development of the water resources of the river basin would be practicable and in the public interest from the points of view of the two Governments, having in mind (A) domestic water supply and sanitation, (B) navigation, (C) efficient development of water power, (D) the control of floods, (E) the needs of irrigation, (F) reclamation of wet lands, (G) conservation of fish and wild life, and (H) other beneficial public purposes."

b. International Columbia River Engineering Board:

Major General Thomas M. Robins, Deputy Chief of Engineers.

Mr. Glenn Parker, Chief Hydraulic Engineer, USGS.

Mr. Victor H. Meek, Controller, Dominion Water & Power Bureau.

Mr. F. G. Goodspeed, Superintending Engineer, Dept. of Public Works.

c. International Columbia River Engineering Committee:

Mr. F. A. Banks, Regional Director, Region I, USBR.

Mr. C. E. Webb, District Chief Engineer, Dominion Water & Power Bureau.

Mr. K. W. Morton, District Engineer, Dominion Dept. of Public Works.

Col. Conrad P. Hardy, District Engineer, Seattle District.

d. Meetings of the Commission, of the Board and the Committee:

Trip from head waters to Portland, July 1944.

Meetings of Board in Spokane and Chicago.

Meetings of Committee in Vancouver and Chicago.

e. Report covering the basin of the Columbia River in Canada and the United States.