

WASHINGTON WATER POWER COMPANY POST FALLS POWER PLANT

HAER No. ID-32-B

North Channel Dam.

Exit 5 off of Interstate 90 (I-90) south on Spokane Street
to Fourth Street, turn right and follow signs to public and
restricted access to the North Channel Dam

on the Spokane River

Post Falls

Kootenai County

Idaho

HAER
ID
28-POFA
IB-

PHOTOGRAPHS

HISTORIC AMERICAN ENGINEERING RECORD
Columbia Cascades System Support Office
National Park Service
909 First Avenue
Seattle, Washington 98104-1060

HISTORIC AMERICAN ENGINEERING RECORD
Washington Water Power Company Post Falls Power Plant
North Channel Dam

HAER
ID
28-POFAL/
1B-

HAER No. ID-32-B

Location: Spokane River, Post Falls, Idaho, approximately ½ mile west of intersection of Spokane and Fourth streets, City of Post Falls, Idaho

U.S.G.S. 7.5 minute Post Falls, Idaho quadrangle, Universal Transverse Mercator coordinates: A 11.503480.512813950; B 11.503220.52840000; C 11.502620.5283760; D 11.503270.51283210.

Date of Construction: 1904-1906.

Engineer: The Washington Water Power Company
Builder: The Washington Water Power Company

Present Owner: The Washington Water Power Company
P.O. Box 3727
Spokane, Washington 99220

Present Use: Hydro-reservoir control works

Significance: The North Channel dam is a component of the Washington Water Power Company Post Falls Power Plant. It is significant as the main controlling works for Lake Coeur d'Alene, the natural impoundment for the entire Spokane River hydroelectric system. The North Channel dam is an L-shaped, concrete gravity flow dam. The structure's crest measures approximately (hereafter c.) 430 ft. in length and it is c. 31 ft. high. The largest section of the dam features an 100 ft. rolling sector gate, with a series of eight tainter gates located along the wing portion of the dam.

Report Prepared by: Robin Bruce, Historian
Western Historical Services
731 Dundee Drive
Post Falls, Idaho 83854

Date: March 1997

ADDENDUM TO:
WASHINGTON WATER POWER COMPANY POST FALLS POWER
PLANT, NORTH CHANNEL DAM
West of intersection of Spokane & Fourth Streets
Post Falls
Kootenai County
Idaho

HAER ID-32-B
HAER ID,28-POFAL,1B-

FIELD RECORDS

HISTORIC AMERICAN ENGINEERING RECORD
National Park Service
U.S. Department of the Interior
1849 C Street NW
Washington, DC 20240-0001