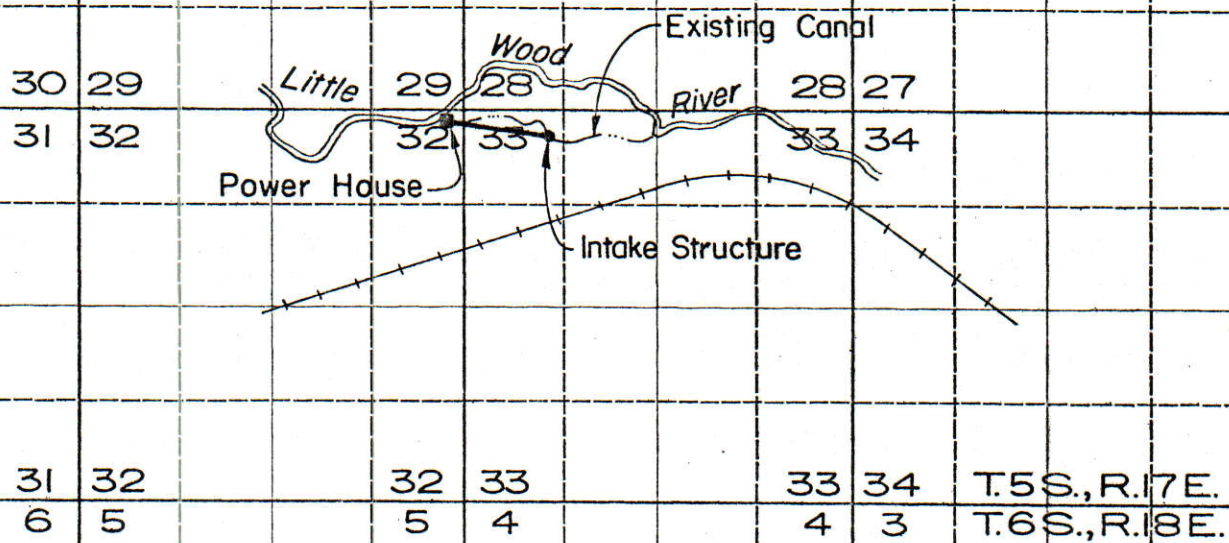


11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



**NOTICE OF APPLICATION
FOR WATER RIGHT**

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho:

37-7911

MECHAM, BRUCE C.
1509 NORTH JUNIPER,
TWIN FALLS, ID 83301
Source: LITTLE WOOD
RIVER tributary to MALAD
RIVER

Date Filed: 05/07/1981

Amount: 60.00 CFS

Diversion Point: NENW Sec
33 T 05S R 17E, LINCOLN
Co.

Use: POWER (60.00 CFS)
from 01/01 to 12/31

Place of Use: NENE Sec 32
T 05S R 17E

Diversion Means: CHECK,
CANAL & PENSTOCK.

If issued, the permit(s) will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 1041 Blue Lakes Blvd. North, Twin Falls, Idaho 83301 and received on or before JUNE 8, 1981.

A. KENNETH DUNN
Director

Pub: 5-21, 28, 1981

BYRON JACKSON

#1

TOTAL HEAD IN FEET

50

40

30

20

48

+ BID CURVE

+ 130 KW

ORIG. SPEC.

+ AS SHIPPED ORIG.

+ 132 KW

50

52

54

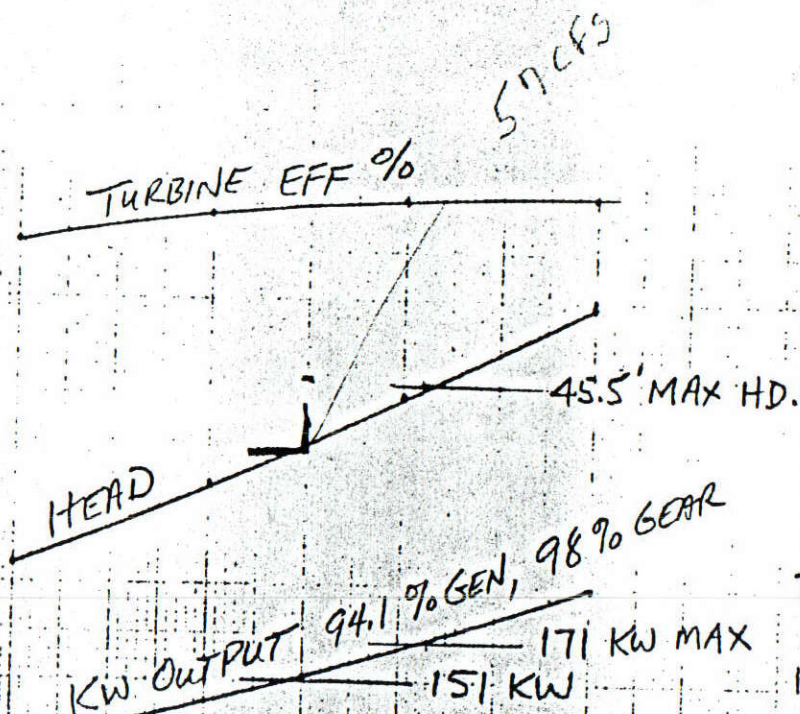
56

58

60

GALLONS PER MINUTE

CFS



BRAKE HP

90

80

70

60

50

40

30

20

10

0

EFFICIENCY-PER CENT

MICROFILMED

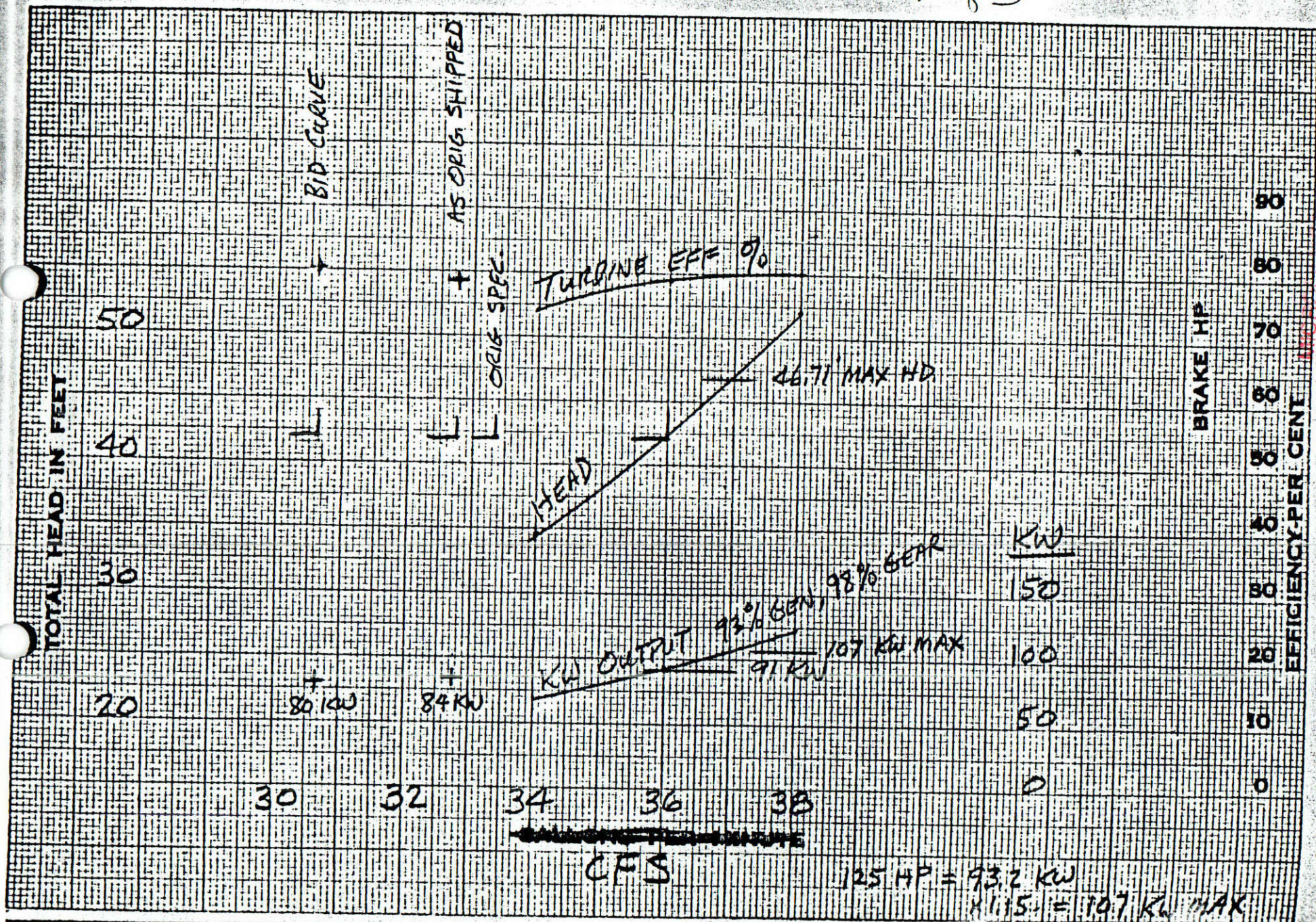
100-2-0-2003

200 HP = 149 KW
 57 CFS x 1.15 = 171 KW MAX.

PUMP SIZE AND TYPE MODEL 8524-7 1 STG. TURBINE	RPM 720	CUSTOMER NO. Shoshone G. S.	IMPELLER NO. K-4113	BASED ON T-36749	DATE 1-18-83	BYRON JACKSON NUMBER PC 816-W-1434
			BRANCH NO.	DATA BY	DRAWN BY K.E.N.	

BYRON JACKSON

2 f 3



OCT 20 2003

PUMP SIZE AND TYPE MODEL 8520-7 1 STG TURBINE RPM 900	CUSTOMER NO. 36 CFS C. S. Shoshone	IMPELLER NO. R-1112 BRANCH NO.	BASED ON T-36749 DATE BY 1-83 REIN	BYRON JACKSON NUMBER PC816-W-1435
--	---	---	---	---

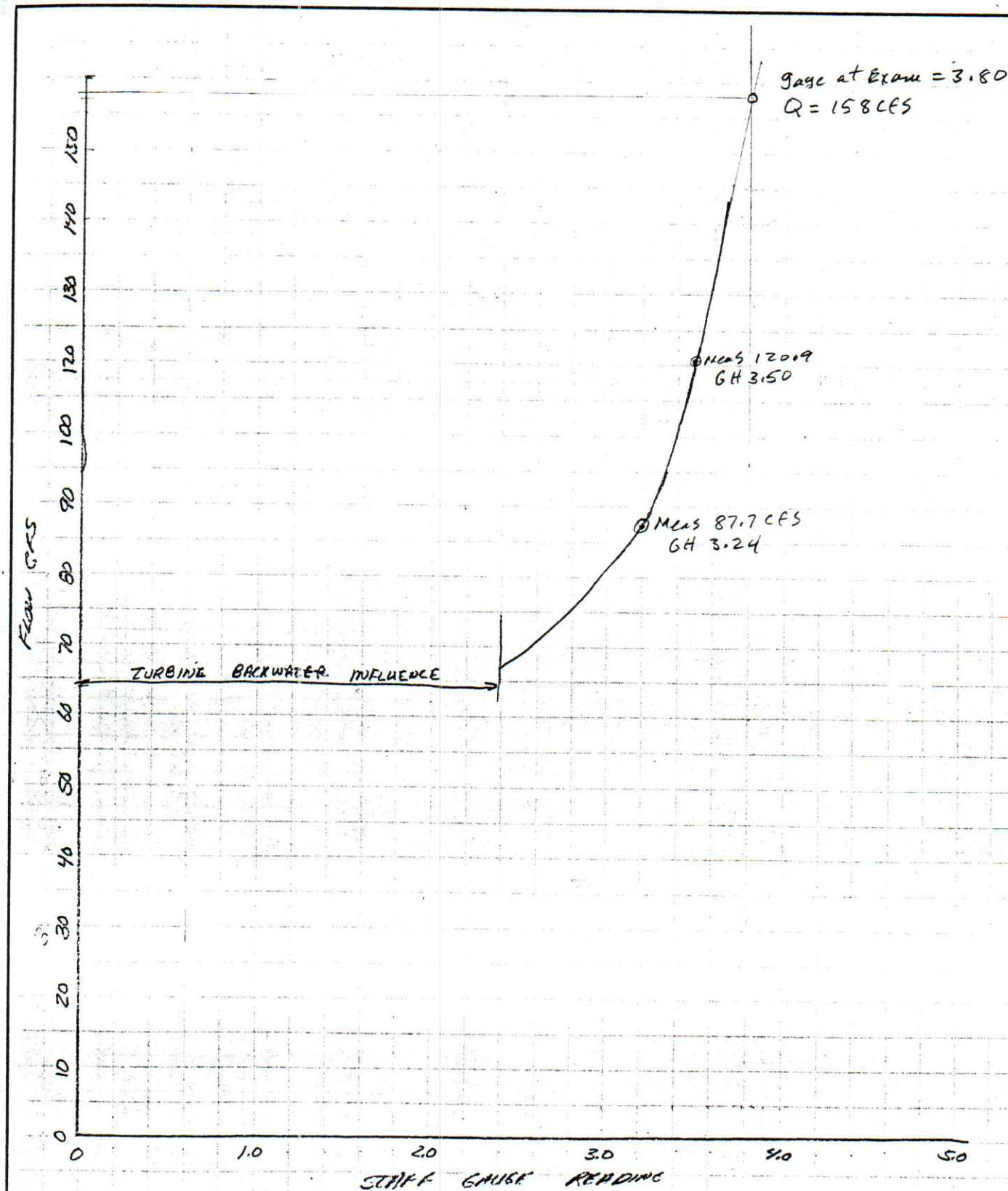
PROJECT SHOSHONI HYDRO-COGEN JOB NO. _____

SHEET _____

DESIGNED DeDATE 4-5-83ITEM CANAL RATING CURVE

CHECKED _____

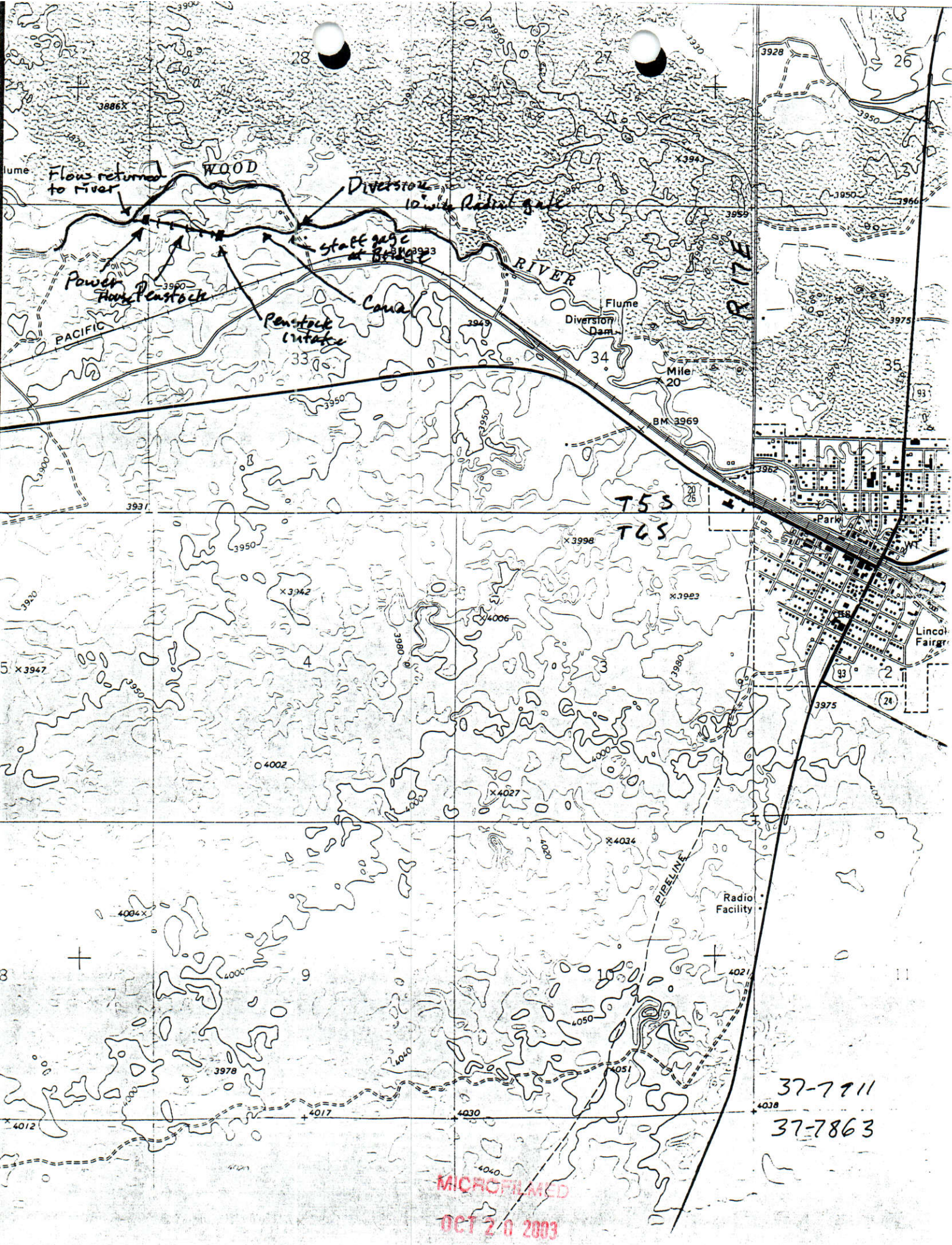
DATE _____



MICROFILMED

OCT 20 2003

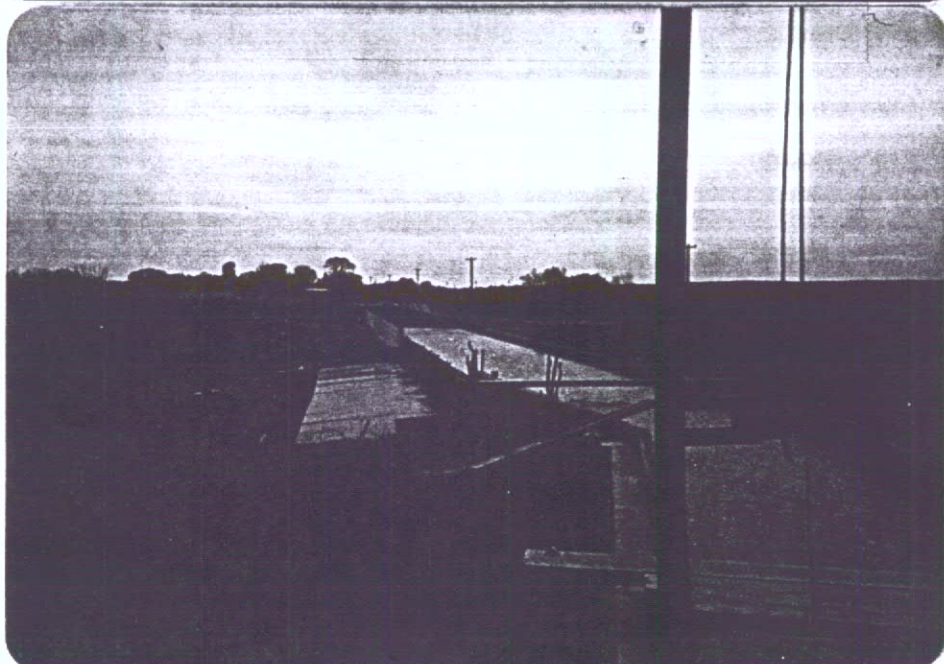
J-U-B 460
10-78





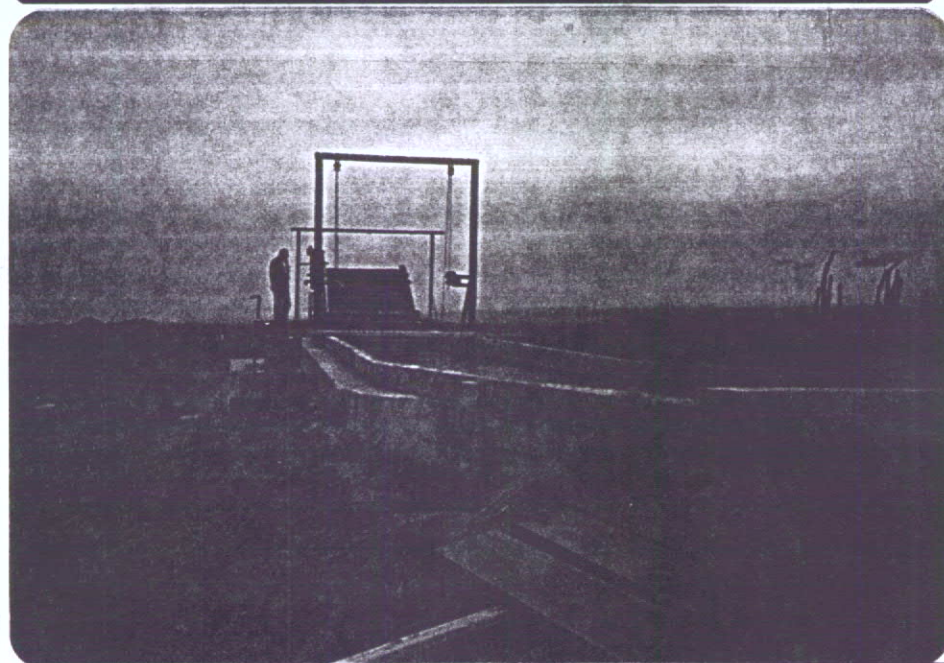
10' Radial gate
Diversion

Looking upstream
on Canal



Fotobat Canal

Looking upstream



Fotobat Canal
at Penstock intake
Looking downstream

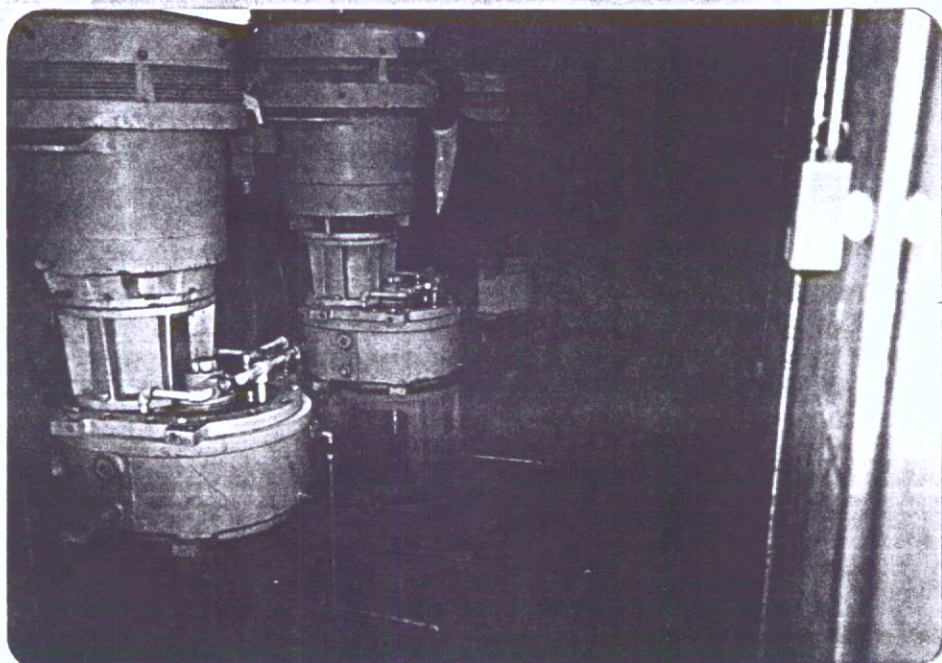
MICROFILMED

OCT 23 1961

37-7863



Powerhouse
Exterior



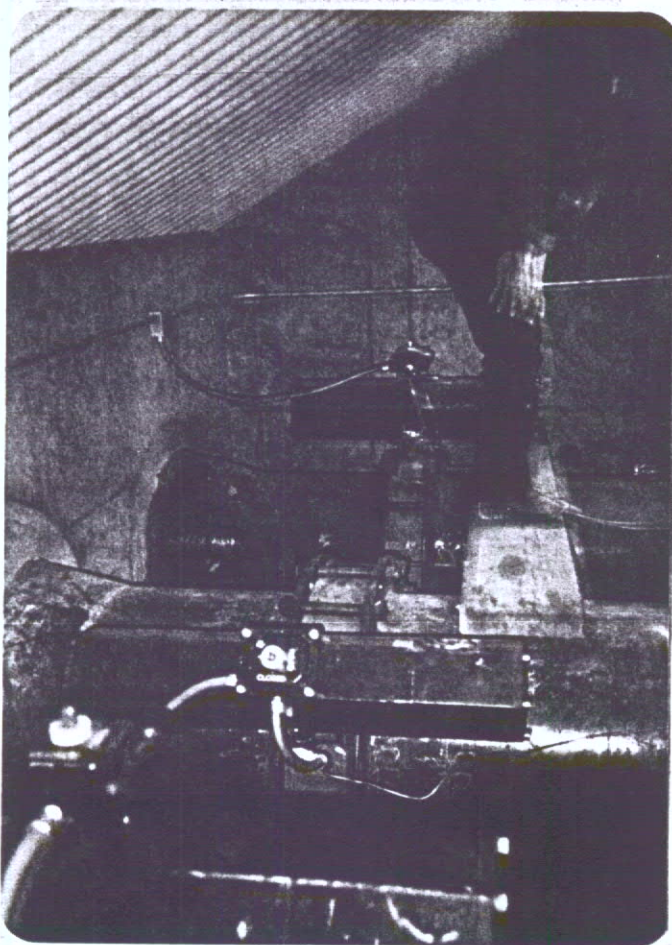
Powerhouse
Interior

Showing generators
and speed increasers

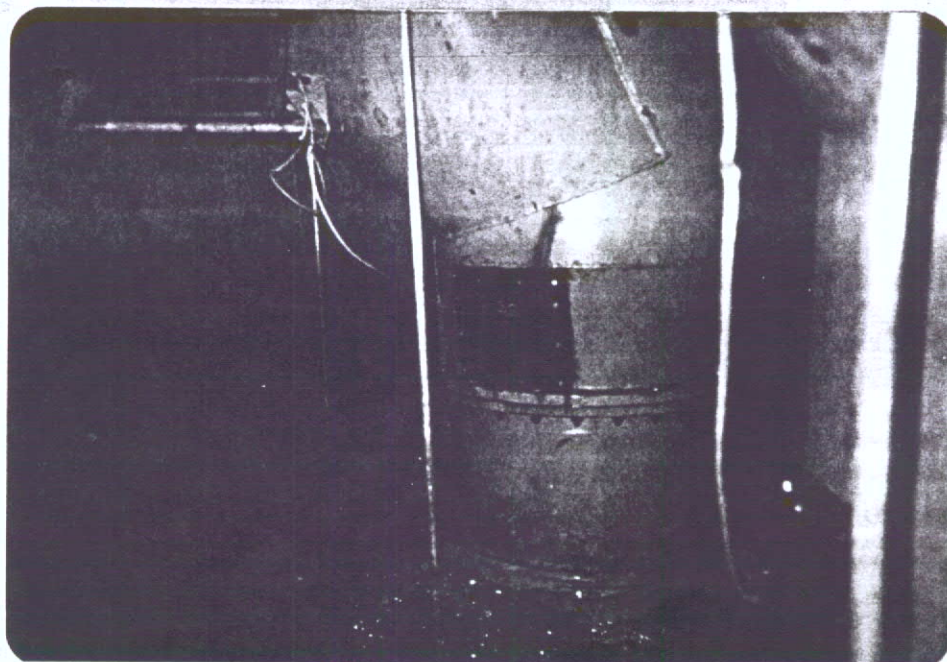
MICROFILMED

OCT 20 2003

37-7911
37-7863



Butterfly Control Valves
on Turbine inlets



Draft Tubes

MICROFILMED

OCT 2 8 2003

37-7911

37-7863

State of Idaho
Department of Water Resources
Water Right License

WATER RIGHT NO. 37-07911

Priority: May 07, 1981

Maximum Diversion Rate: 60.00 CFS
Maximum Diversion Volume: 43,400.0 AF

It is hereby certified that LYLE F FRAZIER And TONI D FRAZIER
3268 HIGHLAWN DR
TWIN FALLS ID 83301

And

ROBERT E VEEH And BETTY VEEH
3268 HIGHLAWN DR
TWIN FALLS ID 83301

have complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated May 07, 1981; and have submitted Proof of Beneficial Use on December 23, 1983. An examination indicates that the works have a diversion capacity of 158 cfs of water from:

SOURCE

LITTLE WOOD RIVER

Tributary: MALAD RIVER

and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL DIVERSION VOLUME</u>
POWER	01/01 to 12/31	60.00 CFS	43,400.0 AF

LOCATION OF POINT OF DIVERSION:

LITTLE WOOD RIVER NE¼NE¼NW¼ Sec. 33, Twp 05S, Rge 17E, B.M., LINCOLN County

PLACE OF USE: POWER

Twp Rge Sec	NE				NW				SW				SE				
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
05S 17E 32	X																

CONDITIONS OF APPROVAL

1. Use of water under this right shall be non-consumptive.
2. Right 37-07863 is also diverted through the point of diversion described above.
3. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 37M.
4. The right holder shall maintain a measuring device and lockable controlling works of a type approved by the Department in a manner that will provide the watermaster suitable control of the diversion.

MICROFILMED
OCT 20 2003

State of Idaho
Department of Water Resources
Water Right License

WATER RIGHT NO. 37-07911

5. The rights for the use of water confirmed in this license shall be junior and subordinate to all rights for the use of water other than hydropower, within the State of Idaho that are initiated later in time than the priority of this right and shall not give rise to any right or claim against any future rights for the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this right.
6. The diversion and use of water for hydropower purposes under this license is subject to review by the Director on or after June 21, 2017. Upon appropriate findings relative to the interest of the public, the Director may cancel all or any part of the use authorized herein and may revise, delete or add conditions under which the right may be exercised.
7. This right does not constitute Idaho Public Utilities Commission or Federal Energy Regulatory Commission approval that may be required.
8. This right does not grant any right-of-way or easement across the land of another.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. The water right confirmed by this license is subject to all prior water rights and shall be used in accordance with Idaho law and applicable rules of the Department of Water Resources.

Signed and sealed this 29th day of September, 2003.


for **KARL J. DREHER**
Director

MICROFILMED
OCT 20 2003

WATER RIGHT SUMMARY

ACTION	RIGHT NO.	NAME	AMOUNT CFS
~~Original Application~~	~~37-07911~~	~~Bruce C Mecham~~	~~60.0~~
~~Full Assignment~~	~~37-07911~~	~~Cogeneration Inc~~	~~60.0~~
~~Full Assignment~~	~~37-07911~~	~~Darlene Frazier~~	~~60.0~~
Full Assignment	37-07911	Lyle F Frazier Toni D Frazier Robert E Veeh Betty Veeh	60.0

MICROFILMED

OCT 20 2003

**AFFIDAVIT FOR WATER RIGHTS TO BE USED
FOR POWER PURPOSES**

RECEIVED

JUN 13 1995

A. Establishment of Residency: (Complete either 1, or 2).

1. Individual Applicant or Individual Members of a Partnership:

I, ROBERT E. VEEH of TWIN FALLS,
(name) (city).

County of TWIN FALLS, State of Idaho, being duly sworn, do hereby
certify that I am a bona fide resident of the State of Idaho.

2. Corporation:

I, _____ of _____,
(name) (city).

County of _____, State of Idaho, being duly sworn, depose
and say: That I am the designated registered agent of the _____

_____ : that as such I am in charge of the registered office
(name of corporation)

of the said corporation as required by Section 30-1-12, Idaho Code, at _____
(city)

Idaho, wherein are kept the corporate records required by Section 30-1-52, Idaho Code: and that _____

_____ is a corporation qualified to do business in the State of Idaho under the laws
(name of corporation)

of the State of Idaho.

B. Ownership of Facilities: (To be completed for hydropower projects only)

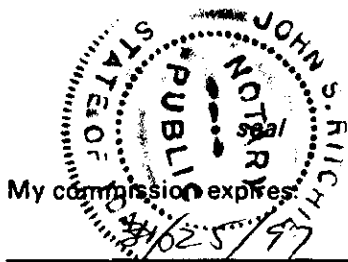
The hydropower facility to be developed pursuant to the attached Application for Permit:

- (check one)
- ☐ Will not utilize existing man-made irrigation facilities such as a dam or a canal.
 - ☐ Will utilize existing man-made irrigation facilities such as a dam or a canal, and permission of the owner is documented in an affidavit attached hereto.
 - ☒ Will utilize existing man-made irrigation facilities such as a dam or a canal, and the owner of the facilities is the signee of this affidavit.

Robert E. Veeh
Applicant

State of Idaho }
County of Twin Falls } ss.

On this 8th day of June, 19 95, personally appeared before me
the signer(s) of the above instrument, who duly acknowledged to me that he (~~she~~) (~~they~~) executed the same.



John S. Fitch
Notary Public residing at
Twin Falls, Idaho

MICROFILMED

OCT 20 2003

**AFFIDAVIT FOR WATER RIGHTS TO BE USED
FOR POWER PURPOSES**

RECEIVED

JUN 13 1995

A. Establishment of Residency: (Complete either 1, or 2).

1. Individual Applicant or Individual Members of a Partnership:

I, BETTY VEGH (name) of TWIN FALLS (city),

County of TWIN FALLS, State of Idaho, being duly sworn, do hereby
certify that I am a bona fide resident of the State of Idaho.

2. Corporation:

I, _____ (name) of _____ (city),

County of _____, State of Idaho, being duly sworn, depose
and say: That I am the designated registered agent of the _____

_____ : that as such I am in charge of the registered office
(name of corporation)

of the said corporation as required by Section 30-1-12, Idaho Code, at _____ (city)

Idaho, wherein are kept the corporate records required by Section 30-1-52, Idaho Code: and that _____

_____ is a corporation qualified to do business in the State of Idaho under the laws
(name of corporation)
of the State of Idaho.

B. Ownership of Facilities: (To be completed for hydropower projects only)

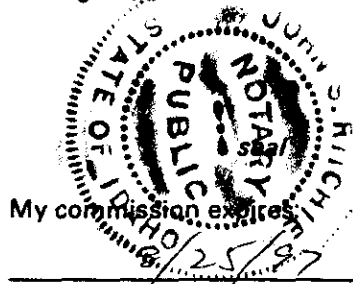
The hydropower facility to be developed pursuant to the attached Application for Permit:

- (check one)
- ☐ Will not utilize existing man-made irrigation facilities such as a dam or a canal.
 - ☐ Will utilize existing man-made irrigation facilities such as a dam or a canal, and permission of the owner is documented in an affidavit attached hereto.
 - ☒ Will utilize existing man-made irrigation facilities such as a dam or a canal, and the owner of the facilities is the signee of this affidavit.

Betty Vegh
Applicant

State of Idaho Twin Falls } ss.
County of _____

On this 8th day of June, 1995, personally appeared before me
the signer(s) of the above instrument, who duly acknowledged to me that he (she) (they) executed the same.



John Sketchev
Notary Public residing at
Twin Falls, Idaho

OCT 20 2003

**AFFIDAVIT FOR WATER RIGHTS TO BE USED
FOR POWER PURPOSES**

RECEIVED
JUN 13 1995

A. Establishment of Residency: (Complete either 1, or 2).

1. Individual Applicant or Individual Members of a Partnership:

I, LYLE F. FAZIER of TWIN FALLS,
(name) (city).

County of TWIN FALLS, State of Idaho, being duly sworn, do hereby
certify that I am a bona fide resident of the State of Idaho.

2. Corporation:

I, _____ of _____,
(name) (city).

County of _____, State of Idaho, being duly sworn, depose
and say: That I am the designated registered agent of the _____

_____ : that as such I am in charge of the registered office
(name of corporation)

of the said corporation as required by Section 30-1-12, Idaho Code, at _____
(city)

Idaho, wherein are kept the corporate records required by Section 30-1-52, Idaho Code; and that _____

_____ is a corporation qualified to do business in the State of Idaho under the laws
(name of corporation)

of the State of Idaho.

B. Ownership of Facilities: (To be completed for hydropower projects only)

The hydropower facility to be developed pursuant to the attached Application for Permit:

- (check one)
- ☐ Will not utilize existing man-made irrigation facilities such as a dam or a canal.
 - ☐ Will utilize existing man-made irrigation facilities such as a dam or a canal, and permission of the owner is documented in an affidavit attached hereto.
 - ☒ Will utilize existing man-made irrigation facilities such as a dam or a canal, and the owner of the facilities is the signee of this affidavit.

[Signature]
Applicant

State of Idaho }
County of Twin Falls } ss.

On this 8th day of June, 19 95, personally appeared before me
the signers of the above instrument, who duly acknowledged to me that he (she) (they) executed the same.



John S. Ritchie
Notary Public residing at
Twin Falls, Idaho

MICROFILMED
OCT 10 2007

**AFFIDAVIT FOR WATER RIGHTS TO BE USED
FOR POWER PURPOSES**

RECEIVED

JUN 13 1995

A. Establishment of Residency: (Complete either 1, or 2).

Depositor

1. Individual Applicant or Individual Members of a Partnership:

I, TONI & FRAZER of TWIN FALLS,
(name) (city).

County of TWIN FALLS, State of Idaho, being duly sworn, do hereby
certify that I am a bona fide resident of the State of Idaho.

2. Corporation:

I, _____ of _____,
(name) (city).

County of _____, State of Idaho, being duly sworn, depose
and say: That I am the designated registered agent of the _____

_____ : that as such I am in charge of the registered office
(name of corporation)

of the said corporation as required by Section 30-1-12, Idaho Code, at _____
(city)

Idaho, wherein are kept the corporate records required by Section 30-1-52, Idaho Code; and that _____

_____ is a corporation qualified to do business in the State of Idaho under the laws
(name of corporation)

of the State of Idaho.

B. Ownership of Facilities: (To be completed for hydropower projects only)

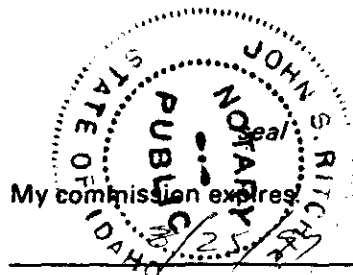
The hydropower facility to be developed pursuant to the attached Application for Permit:

- (check one)
- ☐ Will not utilize existing man-made irrigation facilities such as a dam or a canal.
 - ☐ Will utilize existing man-made irrigation facilities such as a dam or a canal, and permission of the owner is documented in an affidavit attached hereto.
 - ☒ Will utilize existing man-made irrigation facilities such as a dam or a canal, and the owner of the facilities is the signee of this affidavit.

John D. Frazier
Applicant

State of Idaho Twin Falls } ss.
County of _____

On this 8th day of June, 1995, personally appeared before me
the signer(s) of the above instrument, who duly acknowledged to me that he (she) (they) executed the same.



John S. Ritchie
Notary Public residing at
Twin Falls, Idaho

MICHAEL
OCT 24 2003

RECEIVED
JUN 13 1995

State of Idaho
DEPARTMENT OF WATER RESOURCES

OFFICE USE ONLY
Amt. of Fee \$25.00
Date 5/1/95
Receipt No. 5018038
Receipt by

ASSIGNMENT OF APPLICATION FOR PERMIT
To change the ownership of an application for permit

I, Darlene Frazier, hereby assign to Robert E. Veeh, Betty
(Applicant)
Veeh, Lyle F. Frazier and Toni D. Frazier, 3268 Highlawn Drive,
Twin Falls, Idaho, 83301 (Full Address)

All my right, title, and interest in and to Application for Permit
No. 37-07911 to appropriate the public waters of the State of Idaho.

OR (for partial assignments)

The following described portion of my right, title, and interest in and to
Application for Permit No. _____ to appropriate the public waters of the
State of Idaho.

Describe portion of the permit assigned listing the number of acres in each 40 acre subdivision,
point of diversion location, and the amount of water in cubic feet per second.

Made this 8 day of June, 19 95.

Darlene Frazier
Applicant(s)

State of Idaho)
County of Twin Falls ss

On this 8th day of June, 199 5, personally appeared before me the
signer of the above instrument, duly acknowledged to me that he/she/they executed the same.



SHARON LEWIS
NOTARY PUBLIC - STATE OF IDAHO
Residing at Twin Falls, Idaho
My Commission Expires 5/19/98

Sharon Lewis
Notary Public
Sharon Lewis
Signature

My commission expires: _____

MICHELLE

OCT 2 11 2003

database updated 6/13/95



STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

SOUTHERN REGION

John V. Evans

Governor

~~A. KENNETH DUNN~~

Director

1041 Elm Lake Blvd. North

Boise, Idaho 83701

(208) 333-1778

March 30, 1982

TO WHOM IT MAY CONCERN:

The Assignment of Permit No. 37-7863 and 37-7911 from Cogeneration, Inc.

to Darlene Frazier is hereby approved by IDAHO CODE 42-206 42-207.

[Signature]
A. KENNETH DUNN
Director

by

[Signature]
ALLEN D. MERRITT
Senior Water Resource Analyst

*originals in
file 37-7863*

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
AFFIDAVIT FOR WATER RIGHTS TO BE USED
FOR POWER PURPOSES

Ownership of Facilities: (To be completed for hydropower projects only)

The hydropower facility to be developed pursuant to the attached Application for Permit:

- ☐ Will not utilize existing man-made irrigation facilities such as a dam or a canal.
- ☐ Will utilize existing man-made irrigation facilities such as a dam or a canal, and permission of the owner is documented in an affidavit attached hereto.
- ☒ Will utilize existing man-made irrigation facilities such as a dam or a canal and the owner of the facilities is the signee of this affidavit.

Applicant

State of Idaho)
County of Twin Falls) ss.

On this 26 day of March, 19 82, personally appeared before me the signer(s) of the above instrument, who duly acknowledged to me that he (she) (they) executed the same.

James A. Roswell
Notary Public residing at

seal

Twin Falls

My commission expires:

1986

RECEIVED

Individual Owner

AFFIDAVIT TO ESTABLISH RESIDENCE

I, Darlene Frazier of Twin Falls, County of Twin Falls, State of Idaho, being duly sworn, do hereby certify that I am a bona fide resident of the State of Idaho.

/s/ _____

Subscribed and sworn to before me this 26 day of March, 1982

/s/ John A. Rosnick

Notary Public
Residence Twin Falls

My Commission Expires 1986

Corporation or Association

AFFIDAVIT TO ESTABLISH RESIDENCE
OR QUALIFICATIONS TO DO BUSINESS UNDER THE LAWS OF
IDAHO...

I, _____ of _____, County of _____, State of Idaho, being first duly sworn, depose and say: That I am the designated statutory agent of the _____, that as such I am in charge of the registered office of the said _____, as provided by Section 30-143, Idaho Code, at _____, Idaho, wherein are kept the records provided by Section 30-144, Idaho Code, and that _____ is a legal _____ qualified to do business in the State of Idaho under the laws of the State of Idaho.

/s/ _____

Subscribed and sworn to before me this _____ day of _____, 19____

/s/ _____

Notary Public
Residence _____

My Commission Expires _____

ASSIGNMENT OF WATER RIGHT

Cogeneration, Inc., hereby assigns all of its right,
title and interest in and to Idaho Water Permit No. 37-7863 to
Darlene Frazier. 37-7911

DATED this 10 day of March, 1982.

ATTEST:

Delbert W. Block Secretary John J. Straubhar President

STATE OF IDAHO)
) ss.
County of)

On this 10 day of _____, 1982, before
me, the undersigned, a Notary Public in and for said County
and State, personally appeared _____, known to me
to be the person whose name is subscribed to the within
instrument, and acknowledged to me that _____ has read the
foregoing instrument and executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and
affixed my official, the day and year in this certificate
first above written.

NOTARY PUBLIC FOR IDAHO
Residing at: _____

STATE OF IDAHO)
) ss.
County of Twin Falls)

On this 10 day of March, 1982, before me, the
undersigned, a Notary Public in and for said County and
State, personally appeared Jack Straubhar and Delbert Block,
known to me to be the President and Secretary, respectively,
of Cogeneration, Inc., the corporation that executed the
within instrument, and acknowledged to me that such
corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and
affixed my official seal, the day and year in this
certificate first above written.

Steven A. Rosenthal
NOTARY PUBLIC FOR IDAHO
Residing at: Twin Falls

MICROFILMED

DEPARTMENT OF WATER RESOURCES

The Idaho Department of Water Resources will consider this card as a statement that the permit holder(s) has completed development to the extent shown below of Permit No. 37-7863 &

Name(s) of Permit Holder: Ms. Darlene Frazier

37-7911

Post Office Address: P.O. Box 1787

Twin Falls, Idaho 83303-1787

Tel. No. 734-8633

Source of Water: Little Wood River

Extent of Use:

☐ Domestic

(number of households)

☐ Stockwater

(number and type of stock)

☐ Irrigation

(acres)

☒ Other Hydro electric

Measuring Device:

Required?

☒ Yes ☐ No

Installed?

☒ Yes ☐ No

Access Port:

Required?

☐ Yes ☒ No

Installed?

☐ Yes ☐ No

The above information is a true statement of the extent to which the above numbered permit has been developed.

12-21-83

Date

Darlene Frazier
Signature of Permit Holder

MICROFILMED



RECEIVED

DEC 23 1983

Department of Water Resources

IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

PLACE
13 CENT

STAMP
HERE

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
AFFIDAVIT FOR WATER RIGHTS TO BE USED
FOR POWER PURPOSES

RECEIVED

OCT 29 1981

1. Establishment of Residency: (Complete either 1, or 2).

1. Individual Applicant or Individual Members of a Partnership:

Department of Water Resources
Boise District OfficeI, _____ of _____,
(name) (city)county of _____, State of Idaho, being duly sworn, do
hereby certify that I am a bona fide resident of the State of Idaho.

2. Corporation:

I, D.W. Block of Twin Falls,
(name) (city)County of Twin Falls, State of Idaho, being duly sworn, depose
and say: That I am the designated registered agent of the _____Cogenetation Inc.; that as such I am in charge of the registered
(name of corporation)

office of the said corporation as required by Section 30-1-12, Idaho Code, at

Boise Idaho, wherein are kept the corporate records required
(city)by Section 30-1-52, Idaho Code; and that Cogenetation Inc.
(name of corporation)is a corporation qualified to do business in the State of Idaho under the laws of
the State of Idaho.

3. Ownership of Facilities: (To be completed for hydropower projects only)

The hydropower facility to be developed pursuant to the attached Application for
Permit:☒ Will not utilize existing man-made irrigation facilities such as a dam or a
canal.☐ Will utilize existing man-made irrigation facilities such as a dam or a canal,
and permission of the owner is documented in an affidavit attached hereto.☐ Will utilize existing man-made irrigation facilities such as a dam or a canal
and the owner of the facilities is the signee of this affidavit.

State of Idaho

County of Twin Falls) ss.D.W. Block
Applicant SECRETARYOn this 29th day of October, 19 81, personally
appeared before me the signer(s) of the above instrument, who duly acknowledged
to me that he (she) (they) executed the same.Loren O. Hulmer
Notary Public residing at

seal

Twin Falls, ID

My commission expires:

Life

MICROFILMED

State of Idaho
Department of Water Resources

RECORDED

OCT 29 1981

ASSIGNMENT OF ~~PERMIT~~ APPLICATION

Department of Water Resources

I, Bruce C. Mecham, hereby assign to Cogeneration, Inc.
a single man
of 250 South Beechwood Avenue, Boise, Idaho 83709
Address

OK to process
RC 11/3/81

CHECK ONE

☒ All my right, title, and interest in and to ~~Permit~~ Application No. 37-7911
to appropriate the public waters of the State of Idaho.

☐ The following described portion of my right, title, and interest in and to Permit No. _____ to appropriate the public waters of the State of Idaho.

(Describe that portion of the permit being assigned by listing the acreage within each 40 acre subdivision, the point of diversion and the amount of water in cubic feet per second for direct diversion, or acre feet for storage)

Made this 27th day of October, 19 81.

Bruce C. Mecham a single man
Permit Holder/
APPLICATION HOLDER

Spouse of Permit Holder

State of Idaho)
County of Twin Falls) ss.

On this 27th day of October, 19 81, personally appeared before me the signer(s) of the above instrument, who duly acknowledged to me that he (she)/(they) executed the same.

seal

Sharon A. Lrouser
Notary Public residing at
Twin Falls, Idaho

My commission expires:
Lifetime

RECORDED

ASSIGNED TO: 10/29/81
Cogeneration, Inc.
250 South Beechwood Ave.
Boise, ID 83709

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

RECEIVED
MAY 7 1981
Department of Water Resources
Southern District Office
739 2626

To appropriate the public waters of the State of Idaho

1. Name of applicant Bruce C. Mecham Phone 739 2626

Post office address 1509 North Juniper, Twin Falls, Idaho 83301

2. Source of water supply Little Wood River which is a tributary of

3. Location of point of diversion is NE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 33 Township 5 S.

Range 17 E. B.M. Lincoln County, additional points of diversion if any:

4. Water will be used for the following purposes:

Amount 60 for Power Generation purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount for purposes from to (both dates inclusive)
(cfs or acre-feet per annum)

Amount for purposes from to (both dates inclusive)
(cfs or acre-feet per annum)

Amount for purposes from to (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

a. 60 cubic feet per second and/or b. acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Water will be diverted from the Little Wood River through an existing canal. The canal will feed a penstock taking water to the generators. Water will be discharged back to the Little Wood River in the NE $\frac{1}{4}$ of NE $\frac{1}{4}$, Sec. 32, T.5S., R.17E., B.M.

b. Height of storage dam N/A feet, active reservoir capacity N/A acre-feet; total reservoir capacity N/A acre-feet, materials used in storage dam: N/A

Period of year when water will be diverted to storage N/A to inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is N/A inches; proposed depth of well is N/A feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 years (minimum 1 year — maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 32 Township 5 S.
Range 17 E. B.M.

(2) Amount of power to be generated: 200 horsepower under 40 feet of head.

(3) List number of each kind of livestock to be watered N/A

(4) Name of municipality to be served N/A, or number of families to be supplied with domestic water N/A.

(5) If water is to be used for other purposes describe: N/A

ED

Total number of acres to be irrigated

application for 60 cfs filed on October 31, 1980 for 60 cfs unknown as to status of

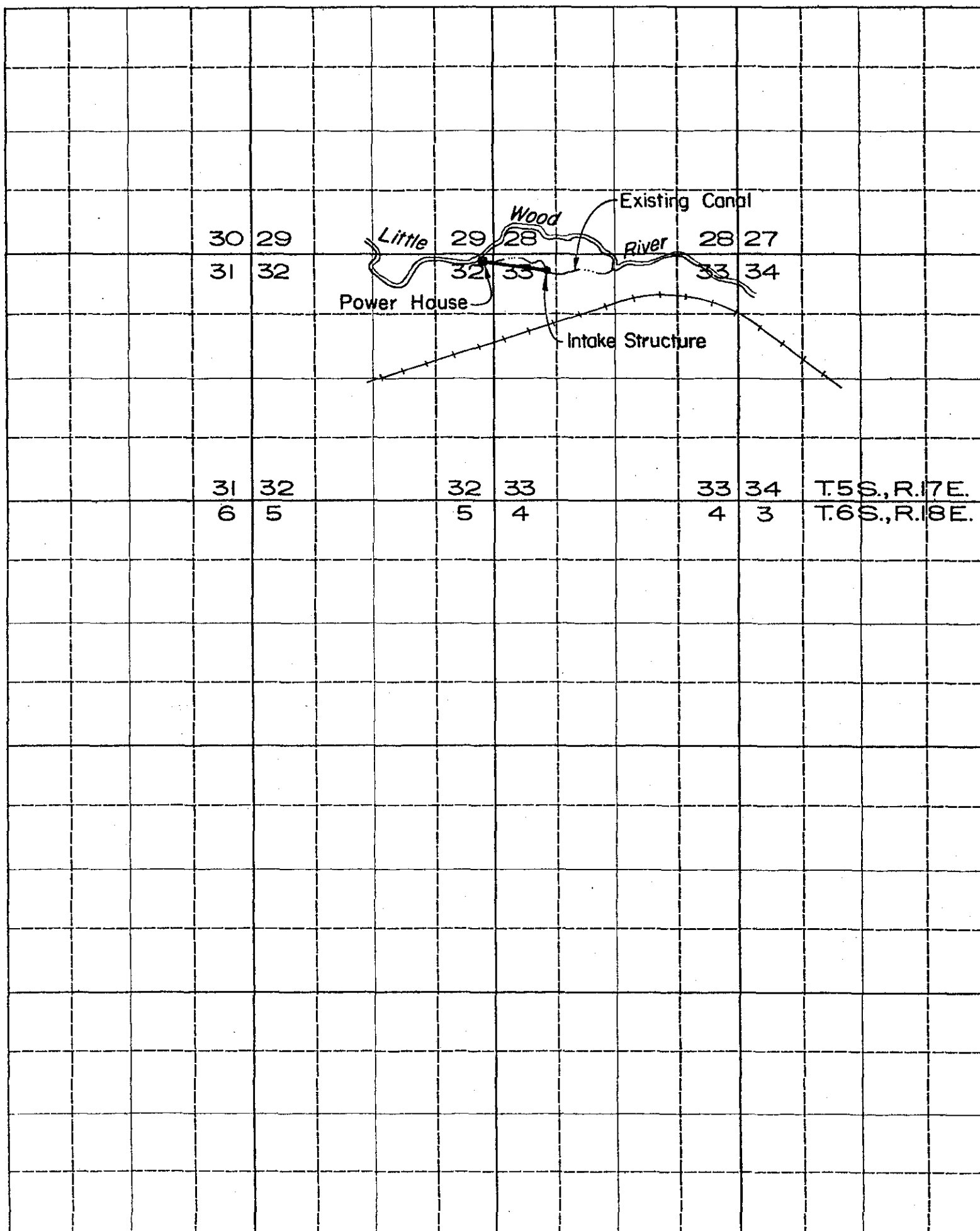
9. a. Who owns the property at the point of diversion
Darlene Frazier, personal Representative of

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the

10. Remarks This application is intended to be in addition to the previously applied

for 60 cfs (10-31-80).

11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.

[illegible]

Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.


(Applicant)

(Applicant)

DECLASSIFIED

Proposed Priority 5/7/1981

Received by maria Date 5/1/81 Time 10:30 am
Preliminary check by TGB Fee \$ 825.⁰⁰ # 16995
Receipted by maria Date 5/1/81
Publication prepared by adm Date 5/13/81
Published in Lincoln Co. Journal
Publication dates 5/21/81 + 5/28/81
Publication approved maria Date 5/22/81
Protests filed by: None

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by ADM TR

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 37-7911, and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:

a. SUBJECT TO ALL PRIOR WATER RIGHTS.

b. Proof of construction of works and application of water to beneficial use shall be submitted on or before January 1, 19 87.

c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.

A measuring device and lockable controlling works of a type acceptable
d. Other: to the Department shall be permanently installed and maintained as part of the diverting works.

This permit is subject to the provisions of Sections 42-205 through 42-210, Idaho Code, restricting the sale, transfer, assignment, or mortgage of this permit. Failure to comply with these provisions is cause for immediate cancellation of this permit.

Use of water under this permit is subject to control by the watermaster of State Water District No. 37M, Little Wood River.

This project shall be operated in a manner that will not conflict or interfere with the future diversion of water for irrigation or other beneficial consumption.

This permit does not constitute Idaho Public Utilities Commission or Federal Energy Regulatory Commission approval that may be required.

The issuance of this permit in no way grants any right-of-way or easement across the land of another.

Witness my hand this 25th day of January, 1982.

J. Glen Saxton
Chief, Operations Bureau

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
AFFIDAVIT OF RESIDENCY OR QUALIFICATION TO DO BUSINESS
IN AND UNDER THE LAWS OF IDAHO

RECEIVED
JAN 27 1981
DEPARTMENT OF WATER RESOURCES
BOISE, IDAHO

A. Individual Applicant or Individual Members of a Partnership:

I _____ of _____, County of _____
(name) (city)

_____, State of Idaho, being duly sworn, do hereby certify that I am a bona fide resident
of the State of Idaho.

/s/ _____

Subscribed and sworn to before me this _____ day of _____, 19 _____

/s/ _____

Notary Public

Residence _____

My Commission expires _____

B. Corporation:

I John J. Straubhar of Boise, County of _____
(name) (city)

Ada, State of Idaho, being first duly sworn, depose and say: That I am the designated
registered agent of the Cogeneration, Inc.;
(name of corporation)

that as such I am in charge of the registered office of the said corporation as required by Section 30-1-12, *Idaho*
Code, at 2405 Spring Mtn. Drive, Boise
(city)

Idaho, wherein are kept the corporate records required by Section 30-1-52, *Idaho Code*; and that _____
Cogeneration, Inc. is a corporation qualified to do business in the
(name of corporation)

State of Idaho under the laws of the State of Idaho.

/s/ John J. Straubhar, President

Subscribed and sworn to before me this 23rd day of April, 19 81

/s/ William Braske

Notary Public
Residence Idaho

My Commission Expires na

RECORDED

ORIGINAL COPY
N FILE 02-7343

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
AFFIDAVIT FOR WATER RIGHTS TO BE USED
FOR POWER PURPOSES

RECEIVED

AUG 26 1981

Department of Water Resources

Ownership of Facilities: (To be completed for hydropower projects only)

The hydropower facility to be developed pursuant to the attached Application for

Permit:

- (check one)
- ☒ Will not utilize existing man-made irrigation facilities such as a dam or a canal.
- ☐ Will utilize existing man-made irrigation facilities such as a dam or a canal, and permission of the owner is documented in an affidavit attached hereto.
- ☐ Will utilize existing man-made irrigation facilities such as a dam or a canal and the owner of the facilities is the signee of this affidavit.

James C. Muehlen
Applicant

State of Idaho)
County of Ada) ss.

On this 25th day of August, 19 81, personally
appeared before me the signer(~~s~~) of the above instrument, who duly acknowledged
to me that he (~~she~~) (~~they~~) executed the same.

seal

Larry D. Wink
Notary Public residing at

Boise, Idaho

My commission expires:

N/A

NOTE: SEE ORIGINAL IN 37-7863 FILE

RECEIVED

AFFIDAVIT TO ESTABLISH RESIDENCE

I, Bruce Mecham of Twin Falls, County of Twin Falls, State of Idaho, being duly sworn, do hereby certify that I am a bona fide resident of the State of Idaho.

Subscribed and sworn to me before this
7th day of May, 1981.

Bruce C. Mecham
Sharon A. Lousser
Notary Public
Residence Twin Falls Idaho
My Commission Expires Lifetime

RECORDED

AFFIDAVIT of PUBLICATION

State of Idaho, }
County of Lincoln } SS.

Melba Thorne, being first duly sworn, deposes and says that he is the printer (publisher) of the Lincoln County Journal, a newspaper published every week in Shoshone, Lincoln County, State of Idaho; that said newspaper has been continuously and uninterruptedly published for a period of seventy-eight consecutive weeks prior to the first publication of the annexed notice, and is a newspaper qualified to publish legal notices as provided by act of the 1919 session of the legislature of the State of Idaho, known as House Bill 145; that the annexed advertisement was published once

each week for 2 consecutive issues in said newspaper proper and not in a supplement; that the date of the first publication of said advertisement was on the 21 day of May, 1981, and the date of the last publication was on the 28 day of May, 1981.

Melba Thorne
Subscribed and sworn to before me this 28 day of May, 1981.
(SEAL)

May Ann Hagen
NOTARY PUBLIC

LINCOLN COUNTY JOURNAL Shoshone, Idaho COST OF PUBLICATION

*ad
may*

Number of Lines in Notice
Number of Insertions
Lines tabular at 315c
44 Lines straight at 212 12.76
44 Subsequent lines at 13c 8.36
TOTAL COST 21.12

COPY OF NOTICE

(Paste Here)

Water Right
TITLE OF NOTICE
37-7911-Meckam
PLAINTIFF ATTORNEY

DEFENDANT

PLAINTIFF

BILL TO

Right of Water
Reservoir

PUBLICATION RATES

(Idaho Code, Rev. Statutes 1971)

7 pt. per line, straight 21c
7 pt. per line, tabular 315c
7 pt. per line, successive
insertions 15c

Nº 13469

Department of Water Resources
Southern District Office



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Boise, ID 83706 - P.O. Box 83720, Boise, ID 83720-0098
Phone: (208) 327-7900 Fax: (208) 327-7866 Web Site: www.idwr.state.id.us

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

September 29, 2003

LYLE F FRAZIER
ROBERT E VEEH
3268 HIGHLAWN DR
TWIN FALLS ID 83301

RE: License No. 37-7911 - Issuance of License

Dear Water Right Holder(s):

The Department of Water Resources has issued the enclosed Water Right License confirming that a water right has been established in accordance with your permit. Please be sure to thoroughly review the conditions of approval and remarks listed on your license.

The license is a PRELIMINARY ORDER issued by the Department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action by the Department unless a party petitions for reconsideration or files an exception and/or brief within fourteen (14) days of the service date as described in the enclosed information sheet.

Please note that water right owners are required to report any change of water right ownership and/or mailing address to the Department within 120 days of the change. Failure to report these changes could result in a \$100 late filing fee. Contact any office of the Department or visit the Department's homepage on the Internet to obtain the proper forms and instructions.

If you have any questions, please contact me at 208-327-7946.

Sincerely,

Shelley W. Keen

Water Rights Supervisor

SWK:klf

Enclosure(s)

MICROFILMED
OCT 20 2003

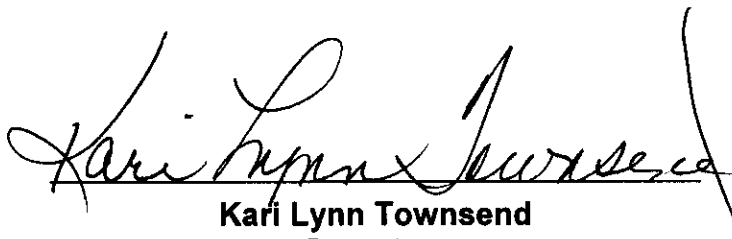
CERTIFICATE OF SERVICE

I hereby certify that on September 29, 2003 I mailed a true and correct copy, postage prepaid, of the foregoing PRELIMINARY ORDER(Approved License) to the person(s) listed below:

RE: WATER RIGHT NO.

37-7911

LYLE F FRAZIER
ROBERT E VEEH
3268 HIGHLAWN DR
TWIN FALLS ID 83301



Kari Lynn Townsend
Secretary

MICROFILMED
OCT 20 2003

**EXPLANATORY INFORMATION
TO ACCOMPANY A
PRELIMINARY ORDER**

The accompanying order or approved document is a "Preliminary Order" issued by the department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action of the Department of Water Resources (department) unless a party petitions for reconsideration, files an exception and brief, or requests a hearing as further described below:

PETITION FOR RECONSIDERATION

Any party may file a petition for reconsideration of a preliminary order with the department within fourteen (14) days of the service date of this order. The department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See Section 67-5243(3) Idaho Code.

EXCEPTIONS AND BRIEFS

Within fourteen (14) days after (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from this preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding with the Director. Otherwise, this preliminary order will become a final order of the agency.

REQUEST FOR HEARING

Unless a right to a hearing before the department or the Idaho Water Resource Board (Board) is otherwise provided by statute, any person aggrieved by any final decision, determination, order or action of the Director of the department and who has not previously been afforded an opportunity for a hearing on the matter may request a hearing pursuant to section 42-1701A(3), Idaho Code. A written petition contesting the action of the Director and requesting a hearing shall be filed within fifteen (15) days after receipt of the denial or conditional approval.

ORAL ARGUMENT

If the Director grants a petition to review the preliminary order, the Director shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Director will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Director orders otherwise, all oral arguments will be heard in Boise, Idaho.

CERTIFICATE OF SERVICE

All exceptions, briefs, requests for oral argument and any other matters filed with the Director in connection with the preliminary order shall be served on all other parties to the proceedings in accordance with IDAPA Rules 37.01.01302 and 37.01.01303 (Rules of Procedure 302 and 303).

MICRO
OCT 20 2003

FINAL ORDER

The Director will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Director may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

Unless a different date is stated in a final order, the order is effective fourteen (14) days after its issuance if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

- (a) the petition for reconsideration is disposed of; or
- (b) the petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

- i. A hearing was held,
- ii. The final agency action was taken,
- iii. The party seeking review of the order resides, or
- iv. The real property or personal property that was the subject of the agency action is located.

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.

MICROFILMED
OCT 28 2023

MEMORANDUM

TO: Files 37-7863 and 37-7911

FROM: KAY WALKER *KW*

RE: Proposed Licenses

Date: September 25, 2003

.....

In review of these permits for licensing, I obtained a copy of "Projected Data" from our Technical Services Bureau for the Little Wood River. This data provides monthly information, in cubic feet per second, for a gaging station located approximately 2 miles upstream from the point of diversion of these proposed licenses. The projected data provides information that shows this stream system was capable of providing the full diversion rate of water for both licenses during the permit development period (permits issued January 25, 1982 and proof submitted December 23, 1983). In January 1982, the projected stream flow was only 93 cfs and would not provide flow for both permits; however, the applications were not approved until January 25 so this month was not included in my recommendation. I recommend we license both permits with a volume of $60 \text{ cfs} \times 1.98 \times 365 \text{ days} = 43,362 \text{ afa}$ which, when rounded, would be 43,400.0 afa.

During overlap review of rights between the gaging station and the point of diversion of the proposed licenses, it was determined that there are irrigation rights for approximately 10.76 cfs for the irrigation of 488 acres of land. However, some of these rights are just claims in the SRBA and their validity has not been determined yet. We have not considered these rights/claims in preparation of the proposed licenses. See file 37-7863 for a listing of these rights/claims.

This power plant was exempt from FERC requirements. I contacted Randy Althin of Idaho Power Company (388-2614) in February of 2003, to find out the expiration date of the contract with Shorock Hydro. He told me that the contracts are not public information but since I had a copy of their contract in our file he gave me the expiration date of June 21, 2017.

As set forth in Section 42-203B(7), the term of years is calculated as commencing at the time of the proof of beneficial use filing. Proof was filed for these permits on December 23, 1983, so twenty years have already elapsed. In cases such as this, we have set the term expiration for an additional ten years; the term expiration for these proposed licenses will be listed as December 23, 2013 which is just 4 years short of the contract expiration date.

MICROFILMED

OCT 28 2003

*↑ allow to
6/21/2017 so
expires at same
time as contract -
per SWK.
KW*

LICENSE REVIEW CHECKLIST

Permit No. 37-7911

Date: 6-30-2003 Reviewer: Kay Walker

Change/OK

Name/Address

Source

Point of Diversion:

Does change clarify original intended source? If no, void permit.
Change (P39/P49) Add (P45/P44) Feds (P40)

W32 (multiple in 1/4/1/4)
W36 (overlap)
W59 (subdivision description)

Place of Use

Change (P41/P49) Add (P41/P44) Feds (P43)

W60 (subdivision description)
W27 (ppu acre limit)

Overlaps: Right(s):

File reviewed Profile reports printed

P/D & P/U amend (P37) Feds (P48)

Rate of Diversion:

Permitted rate 60.0 cfs
Fee Limit N/A cfs
Measured 158.0 cfs
Theoretical _____ cfs

Recommended Total Diversion Rate 60.0

Water Uses

Change (P46)

Season of Use per new Standards

Irrigation _____ cfs _____ af
Stockwater _____ cfs _____ af
Domestic 60.0 cfs _____ af
Power 60.0 cfs _____ af
Total 60.0 cfs _____ af

Irrigation - overlap(R58-R61, R62-R65, R66-R69)
supp. Gw (WB7/065/104)
overlap spec combined rts (W35)
<1 acre (W31)
Domestic (W01/W05/070/071/075)
Power (W42 or W43/025/027/R22 or R23)
Fish (042)
Fire (077)
Water Quality (106/R07)
Payette - (W22/047/27A)
Stockwater for US (R37)

Volume Determination

60 cfs x 1.9835 x 365 days = 43438.65 af (vs) _____ acres x _____ (FHR) = _____ af

Remarks:

Additional Conditions

Watermaster Control
GW Measurement/Measuring Device
Other
Trust R55 - remove 051)
Non-trust (048)

GW Dist? _____
Water Msmt. Dist? _____
Crit. GWMA? _____
GWMA? _____
Government Lots? _____

Advance Priority?

yes
no

If yes, explain why below.

SRBA Claim?

yes-pending

Adjust memo

Amend Letters

P87, S06

Second Amendment Notice

S06

MICROFILMED

OCT 20 2003

For
Irr.
Season
on
Senior
Permit

IF flow is $< 10.76 \text{ cfs}$, volume = 0

IF flow is $> 10.76 \text{ cfs}$, volume = $\text{flow} \times 1.98 - \cancel{1976.0} \text{ AF}$
 $21.3 (10.76 \times 1.98)$

~~IF flow is < 70.76 , volume = $60 \times 1.98 - 21.3$~~

IF flow is $> 70.76 \text{ cfs}$, volume = $(60 \times 1.98 = 118.8)$

OCT 20 2003

MICROFILMED

Projected data by IDWR - from Bill Ondrechen
6/20/03

1515.00 HISTORIC AND CORR. DISCHARGE, LITTLE WOOD AT SHOSHONE-WM#14 (cfs)

W-YR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANN
1928	78	175	169	145	158	169	94	280	373	329	224	77	2271
1929	52	119	138	125	146	148	87	185	143	68	37	55	1305
1930	49	113	164	122	149	146	69	155	234	88	78	60	1427
1931	68	123	135	125	146	145	52	127	203	223	280	160	1786
1932	42	104	132	122	141	148	121	298	328	374	332	225	2366
1933	62	123	138	127	149	145	143	273	393	377	337	271	2538
1934	49	116	143	132	160	153	181	332	316	327	345	234	2487
1935	42	106	130	122	146	146	62	299	350	320	286	57	2067
1936	16	116	143	130	146	120	128	363	378	392	351	245	2529
1937	73	69	137	125	149	21	138	337	403	398	369	264	2484
1938	42	66	207	137	155	138	195	421	452	452	355	333	2952
1939	54	148	161	141	157	143	286	423	370	381	359	262	2884
1940	33	76	138	127	146	138	230	361	398	398	359	281	2686
1941	20	66	150	135	149	151	171	366	365	379	395	301	2647
1942	63	97	148	115	157	159	232	446	400	387	382	334	2922
1943	59	113	148	117	149	78	284	441	435	455	423	321	3023
1944	83	133	168	122	130	140	171	353	509	439	433	360	3040
1945	57	134	128	111	146	119	165	434	457	460	389	346	2946
1946	68	123	176	155	164	155	229	494	494	446	410	333	3245
1947	146	124	146	115	140	138	260	449	449	436	424	345	3174
1948	67	99	164	111	134	130	151	387	390	441	410	370	2853
1949	68	114	145	135	155	151	227	424	476	454	410	366	3125
1950	59	59	117	112	160	151	240	478	506	494	468	413	3259
1951	59	82	141	111	135	150	277	464	519	504	496	447	3385
1952	65	156	156	146	151	150	370	477	556	493	472	454	3645
1953	88	97	164	140	139	161	269	439	472	478	467	420	3334
1954	50	81	143	111	135	155	279	491	511	507	485	462	3410
1955	50	81	124	96	88	135	190	433	492	496	475	434	3093
1956	68	94	146	137	125	231	284	481	524	516	480	439	3525
1957	73	131	141	102	214	189	145	537	519	506	491	435	3484
1958	52	124	146	137	149	148	267	581	597	506	501	455	3663
1959	54	136	148	143	149	101	240	464	452	496	478	439	3300
1960	47	52	94	98	122	130	198	452	471	481	467	363	2975
1961	18	81	88	70	99	122	143	421	365	410	423	133	2371
1962	34	72	75	37	79	128	161	509	491	517	538	502	3145
1963	70	114	141	117	223	137	151	437	629	496	472	455	3443
1964	75	133	127	155	146	140	239	452	602	524	524	476	3590
1965	81	124	205	207	187	207	343	613	635	603	545	491	4241
1966	145	123	141	141	139	151	339	481	484	491	449	390	3475
1967	16	77	115	132	124	146	239	556	780	564	595	531	3877
1968	91	133	161	155	176	148	197	494	558	512	478	455	3558
1969	244	143	141	163	146	122	622	647	583	558	533	481	4383
1970	99	124	146	141	157	158	188	512	563	579	504	519	3692
1971	115	163	189	197	182	208	492	662	650	566	540	481	4445
1972	143	148	156	161	165	195	287	579	568	524	535	513	3974
1973	59	160	158	151	175	153	365	473	544	511	499	469	3716
1974	34	119	128	117	128	148	388	506	551	537	524	492	3673
1975	145	155	148	150	166	148	309	533	534	542	530	508	3867
1976	146	173	179	159	163	145	351	503	543	517	517	502	3899
1977	145	181	156	138	126	119	289	307	339	408	346	50	2606
1978	13	72	111	93	88	138	255	519	460	481	496	393	3120
1979	94	138	137	132	151	156	171	441	469	447	457	452	3245
1980	37	87	91	119	170	150	257	504	578	459	501	489	3443
1981	86	153	174	164	227	143	324	912	482	512	490	469	4137
1982	37	82	117	93	140	159	365	677	566	608	574	563	3982
1983	161	160	182	176	202	211	556	764	684	481	563	536	4676
1984	168	390	337	169	183	286	560	631	647	550	605	667	5191
1985	192	173	146	164	160	364	434	501	543	499	478	504	4159
1986	59	84	115	132	236	590	608	553	654	525	555	509	4620
1987	107	118	138	106	155	150	324	437	435	494	468	429	3362
1988	16	54	86	85	113	98	220	381	452	504	485	420	2913
1989	10	47	96	88	68	112	237	384	403	455	503	437	2840
1990	29	45	68	62	65	55	274	395	376	423	426	360	2579
1991	20	44	68	62	65	91	150	384	415	473	441	387	2598
1992	28	45	76	76	143	91	178	350	345	353	340	128	2152
1993	39	67	99	98	115	156	284	436	476	491	465	439	3165
1994	120	131	177	166	157	159	301	416	420	483	402	319	3252
1995	24	71	96	89	117	164	346	524	607	465	498	455	3456
1996	137	155	220	198	205	179	343	441	502	524	491	471	3865
1997	109	156	200	254	203	200	544	535	608	459	434	486	4189
AVERAGE: 1928-1997	73	115	143	129	148	156	261	454	478	458	441	382	3239

MICROFILMED

OCT 20 2003

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

NOV 26 1993

Department of Water Resources

37-7911

A. GENERAL INFORMATION

Permit No. 37-7863

1. Owner: Shorrock Hydo, Inc. Phone No. 734-8633

Current Address: P.O. Box 1787 Twin Falls, ID 83301

2. Accompanied by: Matc Edson EXAM DATE: 5/9/84

Address: _____ Phone No. _____

Relationship to Permit Holder: Hydo Plant Manager

3. Source: Little Wood River tributary to Malad River

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 37-7911, 37-8113, 37-8262, 37-7863

2. Other water rights with the same point of diversion: 37-7911, 37-8113, 37-8262, 37-7863

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
		NE	NE	NW	33	55	17E	Lincoln	USGS Quad

2. Place(s) of Use:

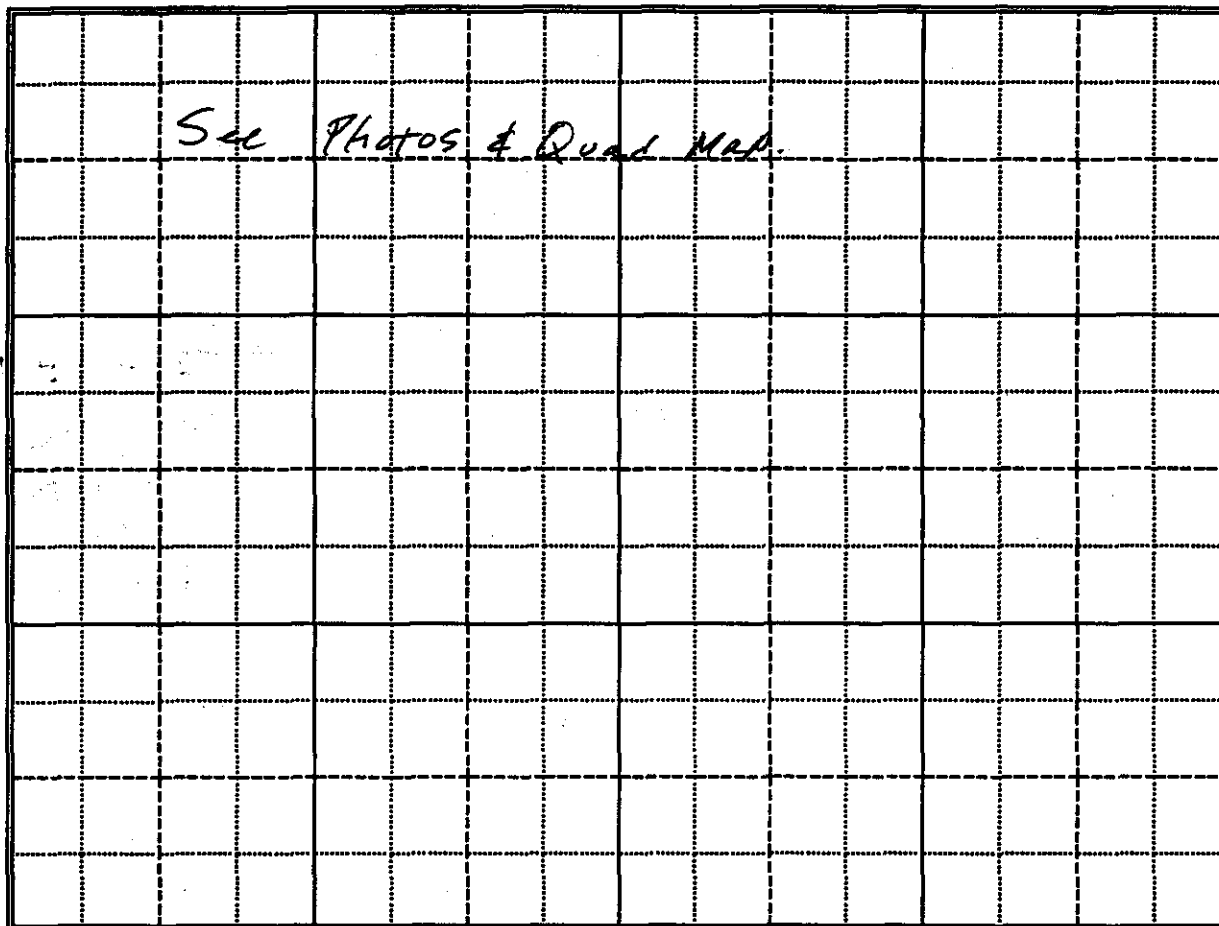
Indicate Method of Determination USGS Quad

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
55	17E	32	P																

MULTICOPY

NOV 28 2003

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe I.D. as applicable.



Scale: 1" =

Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

Aerial Photo Attached (required for irrigation of 10+ acres)

Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
See Item E' Narrative					

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Measurement by installed	staff gage and	rating table				

2. Measurements: Installed staff gage at bridge reads 3.80 - Relates to Q = 158 cfs on rating chart provided by Permit holder.

OCT 20 2003

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E. NARRATIVE/REMARKS/COMMENTS

Water is diverted from Little Wood River by a diversion controlled by a 10-foot radial gate. Water is carried thru approximately 1000 ft of forebay canal & approx 1000 ft. of Penstock to a powerhouse with three generating units.

Generating units:

North Unit:

Generator - 125 HP 1775 RPM - 93 kW Westinghouse
style 81C 47315 Set # 8204

Turbine - Byron Jackson Model 8520-7 Ser# 816-W-1435
920 RPM Rated 14700 gpm @ 42 ft head
123 HP @ 78.2% EFF

Speed increaser - Westinghouse Ratio 2.030 1800 RPM

Center Unit

Generator: Westinghouse 200 HP 1775 RPM, 460V, 224 A
style 81C 47314 Set # 8204

Turbine: Byron Jackson Model 8524-7 Set # 816-W-1434
730 RPM Rated 22700 gpm @ 42 ft head.
193 HP @ 81% eff.

Speed Increaser: Westinghouse - Ratio 2.517 1800 RPM

South Unit

Generator: Westinghouse style 81C 47315 Set # 3204 125 HP

Turbine: Byron Jackson Model 8520-7 Set # 816-W-1436
920 RPM Rated 14700 gpm @ 42 ft Head
123 HP @ 78.2% eff.

Speed increaser: Westinghouse Ratio 2.030 1800 RPM

Flow returns to river in NENE 337 T 53 R 17E

Have conditions of permit approval been met? ☒ yes ☐ no

MECH-11111

OCT 20 2003

F. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

Rating Curve based on two measurements by SUB Engineers.

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

 $V_{LR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____ $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____ $V = \text{Smaller of } V_{LR} \text{ and } V_{D.R.} =$ _____

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
37-7863 POWER	1/1	12/31	60	
37-7911 POWER	1/1	12/31	60	
Totals:			120	

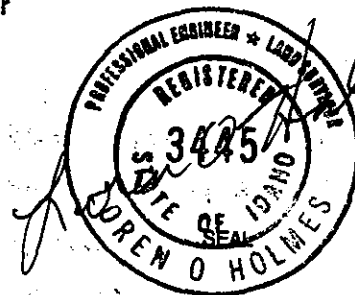
60 cfs for each Permit.

2. Recommended Amendments

___ Change P.D. as reflected above ___ Add P.D. as reflected above ☒ None
___ Change P.U. as reflected above ___ Add P.U. as reflected above ___ Other

I. AUTHENTICATIONField Examiner's Name Loren O Holmes Date 11/22/93

Reviewer _____ Date _____



NOV 20 2003

Attachment #

CONVERSATION MEMORANDUM

NAME OF PARTY Jack Strubhar
EMPLOYEE DOUGLAS JONES

DATE 11/23/93
FILE _____

RE: 32-7911, 37-7863

Project #967-0001

Shorack Hydro Inc. has FERC license, IFC power, owns powerhouse, is bound by West One Security interest.

FERC lic (in Shorack name) covers capacity of these permits and applications up to about 4000.

IDWR-50. should have copy of license on record.

Shorack Hydro Inc. is a partial successor of ~~the~~ Cogeneration Inc.

FERC issued competing license to Shorack over ~~the~~ Arkosh's Graham I. Arkosh owns land with exclusion of hydro facility

~~Shorack~~

A Shorack Hydro has ~~the~~ business agreement with previous permit holders to pay royalties to them. I recommend issuing licenses in name of Shorack Hydro, Inc.

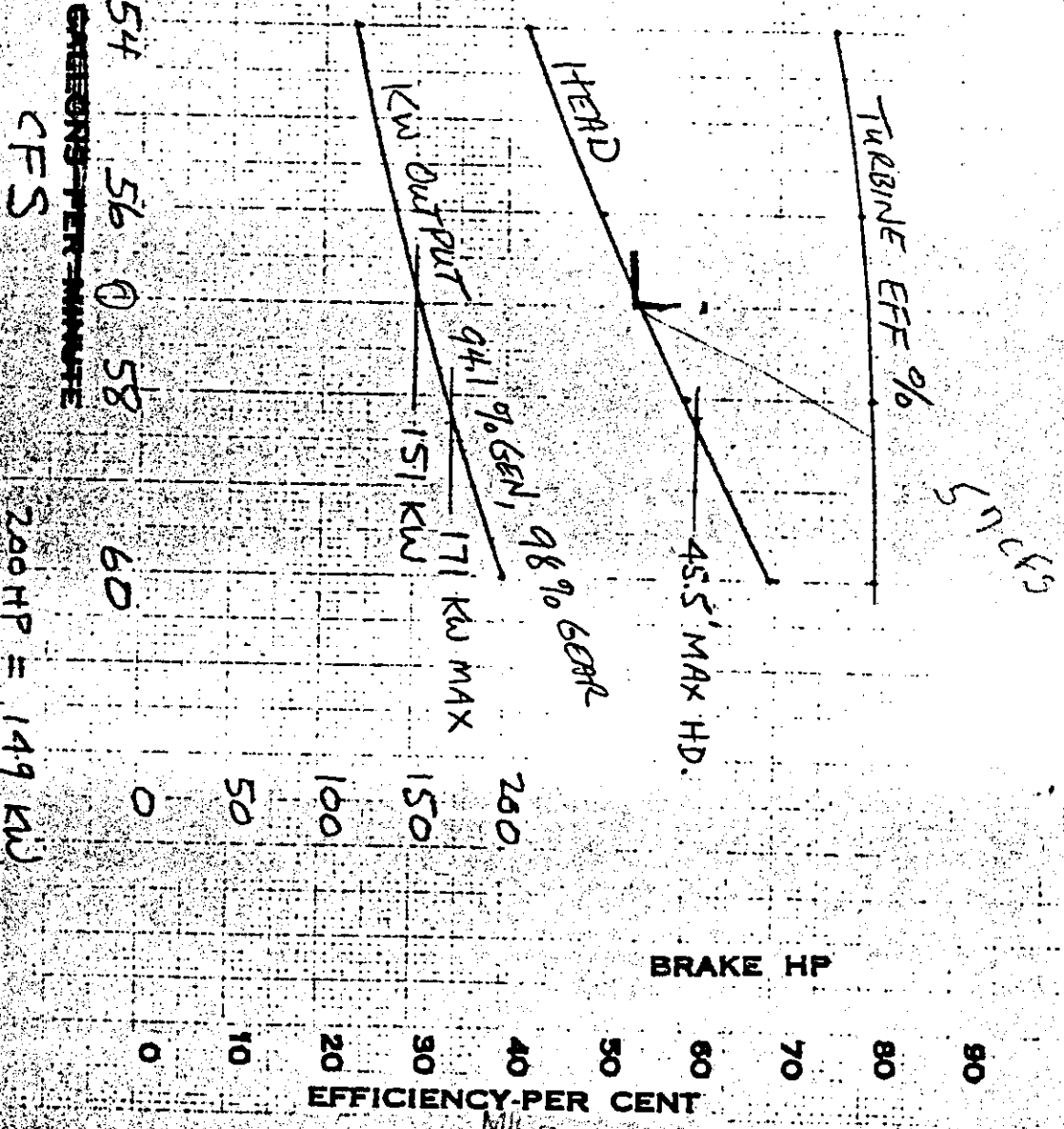
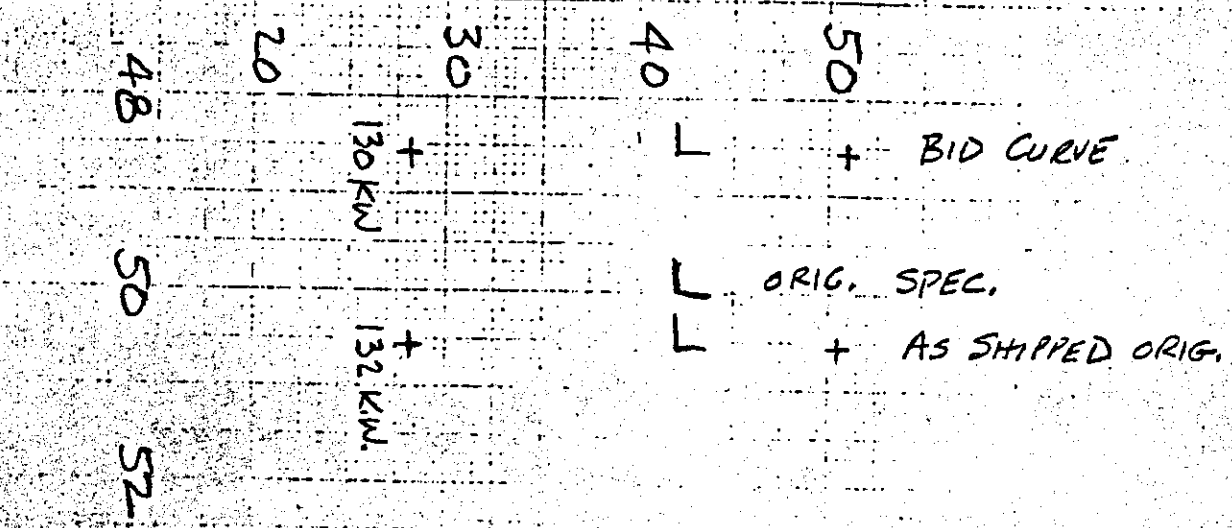
MICROFILM

OCT 20 2003

BYRON JACKSON

#1

TOTAL HEAD IN FEET



CARRIAGE PER MINUTE

CFS

200 HP = 149 kW

57 CFS
X 1.5 = 171 kW MAX.

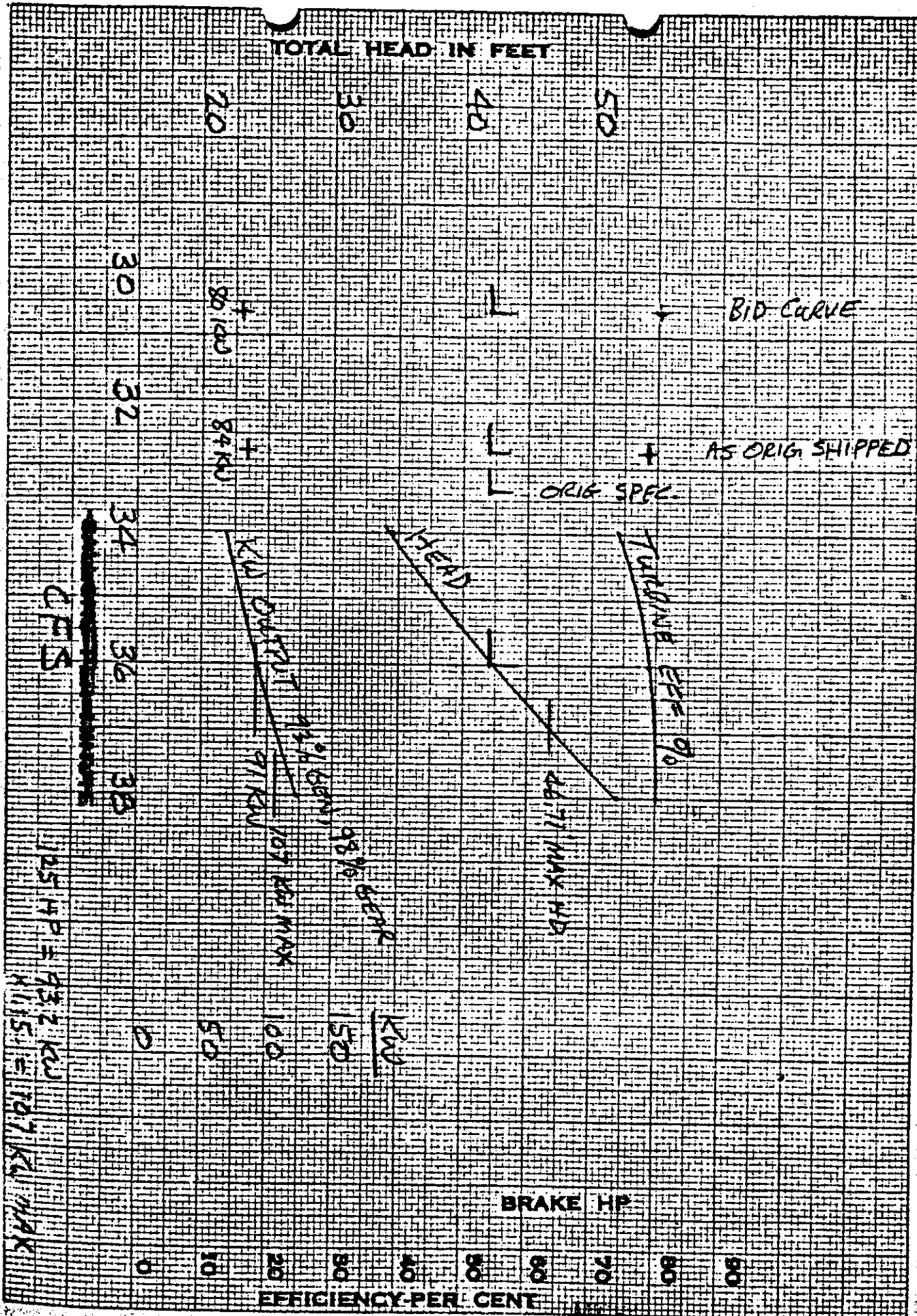
BRAKE HP

EFFICIENCY-PER CENT

PUMP SIZE AND TYPE	1 STG.	RPM	720	CUSTOMER NO.	540540	IMPULSION NO.	C-4113	DATE	1-18-83	BYRON JACKSON NUMBER	PC 816-W-1434
MODEL	8524-7	TURBINE		G.S.		BRANCH NO.		DATA BY	KEVIN		

BYRON JACKSON

2 & 3

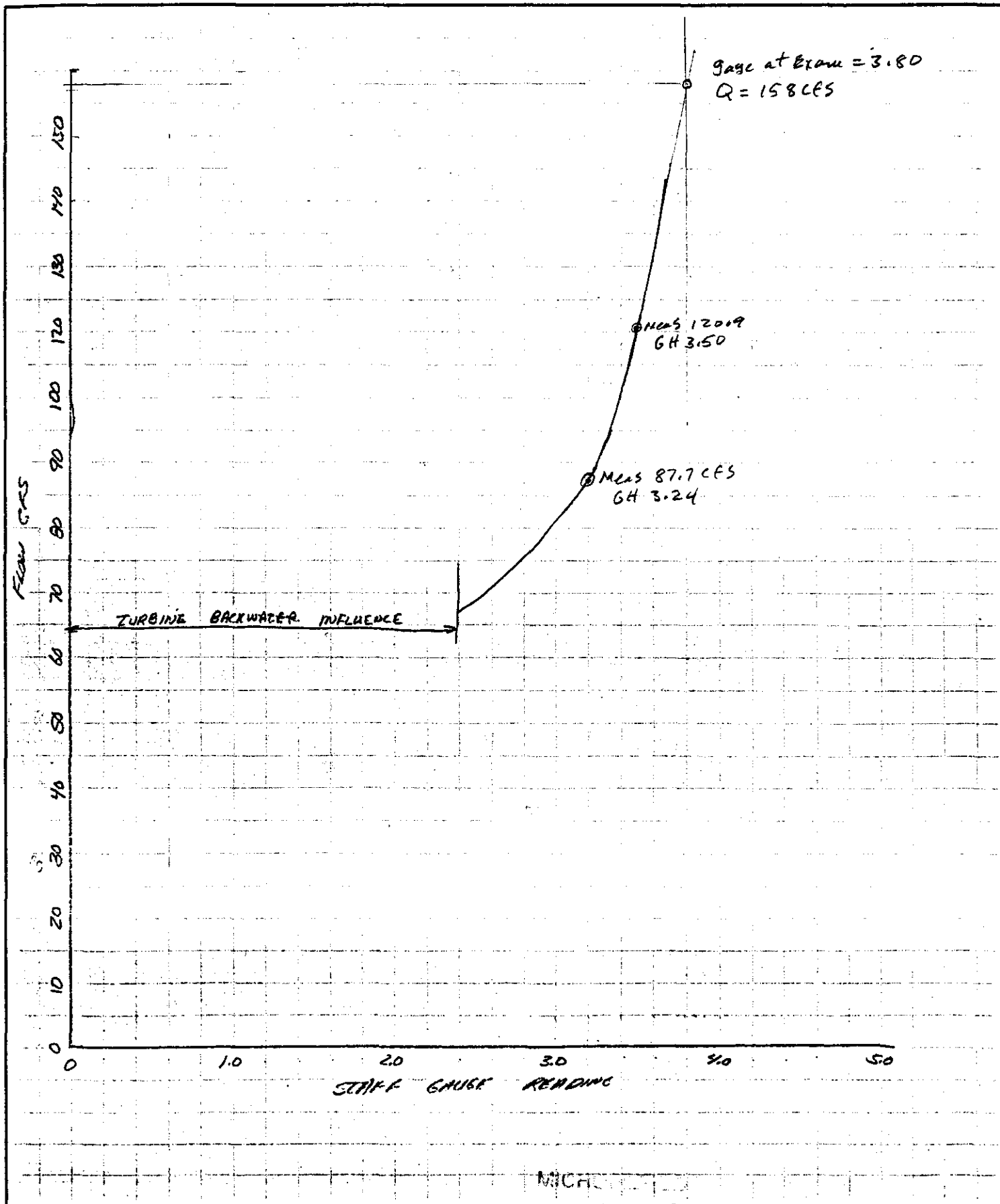


PUMP SIZE AND TYPE	MODEL 8520-7 TURBINE	1 STG	RPM 900	SUGGESTED 36 CFS	WATER 112	7-2749	1-83	BYRON JACKSON NUMBER
				C 540 shans	BRAND NO.	DATE BY	BY	PC816-W-1435

OCT 2 8 2001



PROJECT SHOSHON HYDRO-COGEN JOB NO. _____ SHEET _____
DESIGNED DE DATE 4-5-83
ITEM CANAL RATING CURVE CHECKED _____ DATE _____



MICHAEL

OCT 2 0 2003

J-U-B 460
10-78

Discharge Measurement

Current Meter

Party Coburn - Edson

Location Shashone Hydro

Meter _____

L. N.	Location (numeric)	Meter Code	Date	No. Sections	Gage
700	X	X	09/04/83	X	X

L B

Distance	Depth	Rev. 0.6 or 0.2	Rev. 0.8	Time (sec)	Angle Correction
701	X	X	X	X	X
702	X	X	X	X	X
703	X	X	X	X	X
704	X	X	X	X	X
705	X	X	X	X	X
706	X	X	X	X	X
707	X	X	X	X	X
708	X	X	X	X	X
709	X	X	X	X	X
710	X	X	X	X	X
711	X	X	X	X	X
712	X	X	X	X	X
713	X	X	X	X	X
714	X	X	X	X	X
715	X	X	X	X	X
716	X	X	X	X	X
717	X	X	X	X	X
718	X	X	X	X	X
719	X	X	X	X	X
720	X	X	X	X	X
721	X	X	X	X	X
722	X	X	X	X	X
723	X	X	X	X	X
724	X	X	X	X	X
725	X	X	X	X	X

Meter Code

Meter

- Hoff 551
- David White
- Hoff 183-3
- Hoff 183-4
- OTT
- Neyrpic Midget 4-Blade (blue)
- Neyrpic Midget 6-Blade (red)
- Neyrpic (cable)

Velocity 2.06 fps

Area 42.6 ft²

Discharge 87.7 cfs

Gage 66990

Remarks 3.24 on staff gage at bridge

Discharge Measurement

Current Meter

Party Coleman - Edson

Location SHOSHONE HYDRO

Meter _____

L. N.	Location (numeric)	Meter Code	Date	No. Sections	Gage
700			04/09/83		

0.2=28 0.7

Distance	Depth	Rev. 0.6 or 0.2	Rev. 0.8	Time (sec)	Angle Correction
701	0	3.5	0	50	0
702	0.5	3.5	76	50	0
703	1.0	3.5	90	50	0
704	3.0	3.5	101	50	0
705	5.0	3.5	102	50	0
706	7.0	3.5	94	50	0
707	9.0	3.5	92	50	0
708	11.0	3.5	83	50	0
709	11.5	3.5	79	50	0
710	12.0	3.5	0	50	0
711					
712					
713					
714					
715					
716					
717					
718					
719					
720					
721					
722					
723					
724					
725					

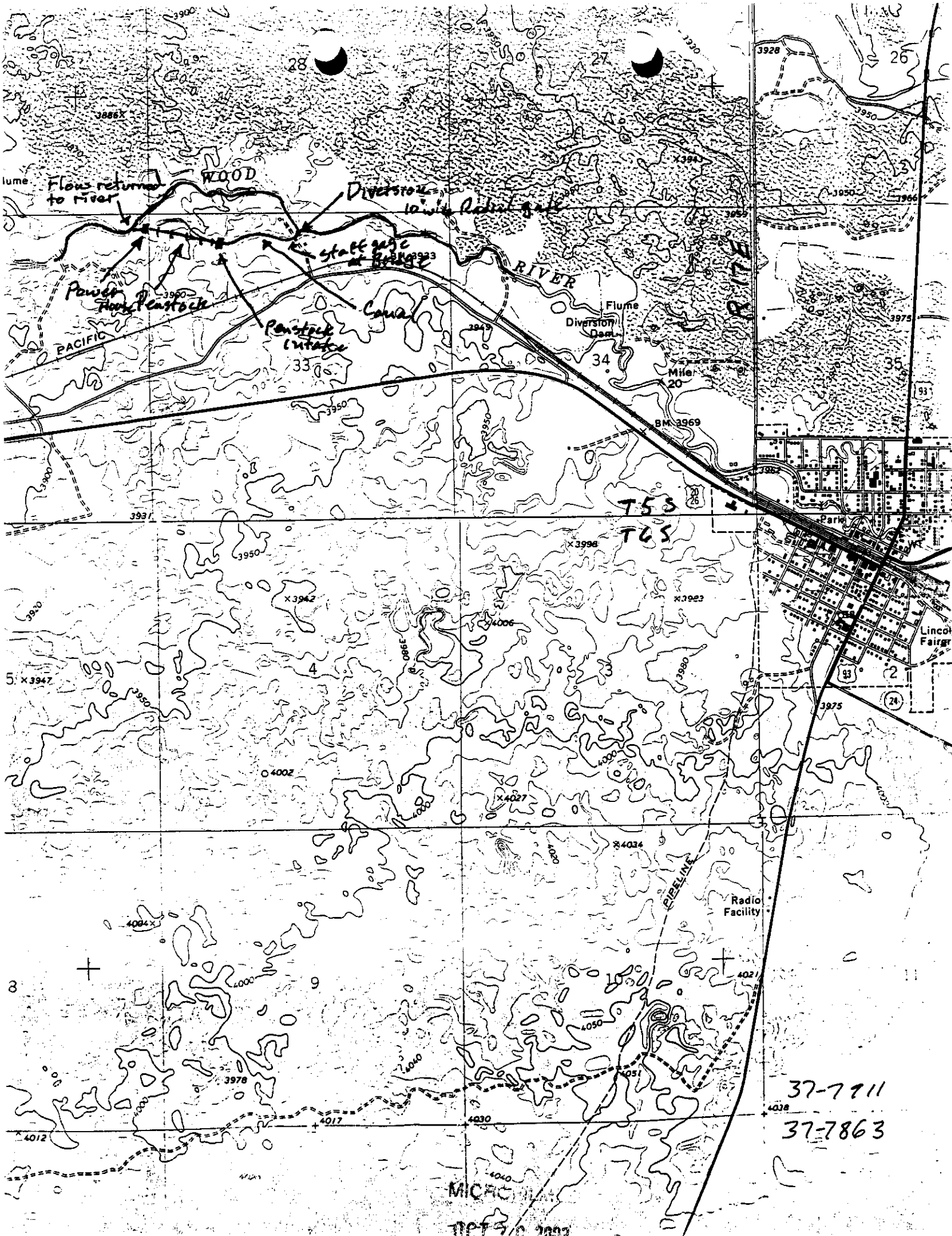
Meter Code	Meter
1	Hoff 551
2	David White
3	Hoff 183-3
4	Hoff 183-4
5	OTT
6	Neyrpic Midget 4-Blade (blue)
7	Neyrpic Midget 6-Blade (red)
8	Neyrpic (cable)

Velocity 2.88 fps
 Area 42.0 ft²
 Discharge 120.9
 Gage 1.6990

Remarks STAFF GAUGE 3.5 MEASURE

MICHO...

OCT 20 2003



T53
T65

37-7911
37-7863

MICROFILM
REF 2/6 2003



10' Radial gate
Diversion

Looking upstream
on canal



Forebat Canal

Looking upstream

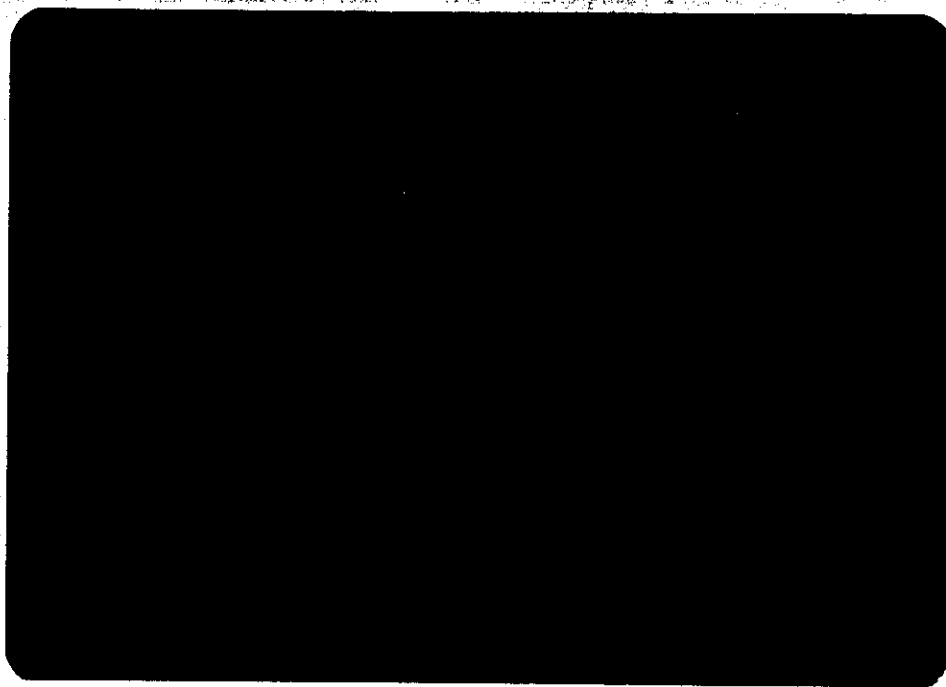


Forebat Canal
at Penstock intake
Looking downstream

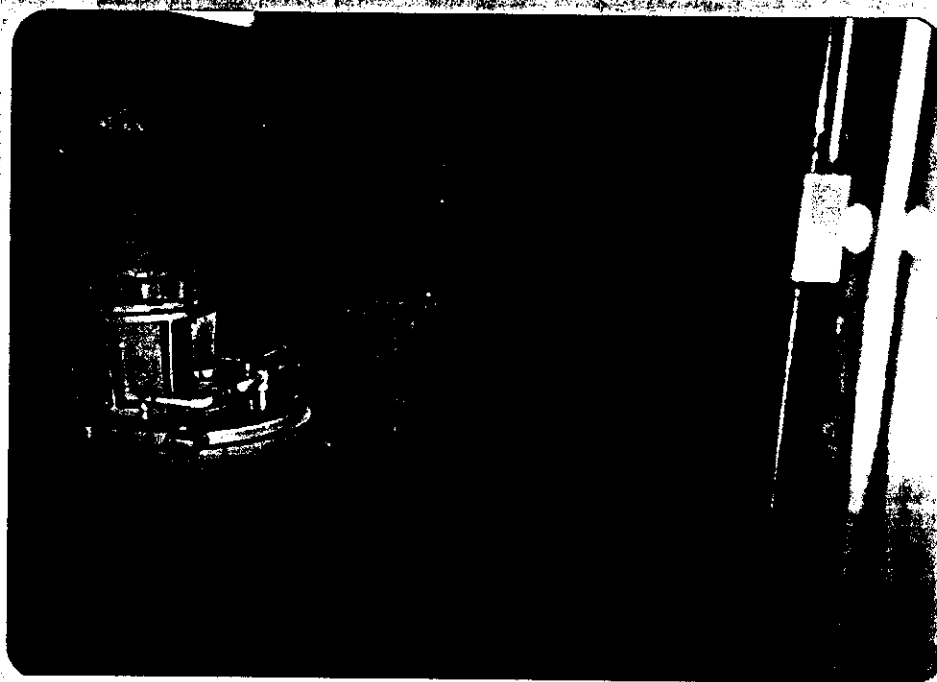
MICROFILMED

OCT 23 1984

37-7863



Powerhouse
Exterior



Powerhouse
Interior

Showing generators
and speed increasers

OCT 20 2003

37-7911
37-7863



Butterfly Control Valves
on Turbine inlets



Draft Tubes

MICROFILMED

NOV 28 2003
37-7911
37-7863



State of Idaho
DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000
Phone: (208) 327-7900 FAX: (208) 327-7866

JUNE 16, 1995

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

ROBERT E VEEH
BETTY VEEH
LYLE F FRAZIER
TONI D FRAZIER
3268 HIGHLAWN DR
TWIN FALLS ID 83301

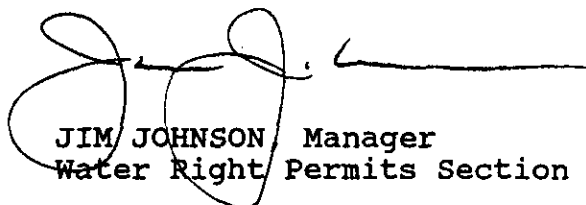
RE: Permit No. 37-07911

Dear Water Right Holders:

This letter is to confirm that the assignment of ownership on the above referenced water right is satisfactory. We have modified our computer records to reflect this change in ownership.

If you have any questions regarding this matter, please feel free to contact us.

Sincerely,



JIM JOHNSON Manager
Water Right Permits Section

JJ:rl

MICROFILMED

OCT 20 2003

COLEMAN, RITCHIE & ROBERTSON

ATTORNEYS AT LAW
156 SECOND AVE. WEST
P.O. BOX 525
TWIN FALLS, IDAHO 83303-0525

RECEIVED

JUN 13 1995

Department of Water Resources

JOHN R. COLEMAN
JOHN S. RITCHIE
THOMAS M. ROBERTSON

TELEPHONE (208) 734-1224

FAX (208) 734-3983

June 8, 1995

Cindy Zimmerman
Water Resource Agent
State of Idaho
Department of Water Resources
1301 North Orchard Street
Statehouse Mail
Boise ID 83720-9000

Re: Permit Nos. 37-07863 and 37-07911

Dear Cindy:

As a follow-up to your letter of May 10, 1995, addressed to Veeh and Frazier Hydro, and our telephone conversations, I am writing to advise you of the following:

1. Permit No. 37-07863 was previously assigned by Darlene Frazier to Robert E. Veeh, Betty Veeh, Lyle F. Frazier and Tony D. Frazier. Those parties desire to continue to own the permit in their individual names and no further assignment is sought.

2. I am enclosing an Assignment of Application for Permit Number 37-07911 from Darlene Frazier to Robert E. Veeh, Betty Veeh, Lyle F. Frazier and Tony D. Frazier. Again, those parties wish to own the permit in their individual names.

3. I am also enclosing four Affidavit for Water Rights to be Used for Power Purposes forms signed by Robert E. Veeh, Betty Veeh, Lyle F. Frazier and Tony D. Frazier.

4. In order to clarify any question regarding the facilities used for delivery of the water to the power plant, I would advise you that a private canal is utilized. That canal is on property previously owned by Darlene Frazier and sold by her to George Arkoosh and Bonnie E. Arkoosh on May 27, 1983. However, the sale documents specifically provided that Darlene Frazier retained all right, title and interest in the real property leased to Co-Generation, Inc., (now Shoshone Hydro/Shorock Hydro, Inc.) which property includes the canal.

MAILED

JUN 20 2003

COLEMAN, RITCHIE & ROBERTSON

Cindy Zimmerman

Page 2

June 8, 1995

Those lease rights and property rights have been assigned to Robert E. Veeh, Betty Veeh, Lyle F. Frazier and Tony D. Frazier. The term of that lease was for 35 years from February 15, 1983, with a 35 year option to renew period.

5. I have previously paid \$50.00 for two assignment fees which I would request be applied toward the enclosed assignment and clarification of the prior assignment.

Thank you very much for your assistance. Please contact me if I can provide further information or be of assistance in any way.

Sincerely yours,



JOHN S. RITCHIE

JSR/sl

Encls.

cc: Robert E. Veeh
Lyle F. Frazier

MICROFILMED
OCT 21 2001



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000
Phone: (208) 327-7900 FAX: (208) 327-7866

May 10, 1995

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

VEEH & FRAZIER HYDRO
3268 HIGHLAWN DR
TWIN FALLS ID 83301

RE: Assignments of Permit Nos. 37-07863 & 37-07911

Dear Sirs:

I recently received 'Assignment of Permit' forms on the above referenced permits assigning the permits from Darlene Frazier to your company.

Permit No. 37-07863 is in the name of Robert & Betty Veeh and Lyle & Toni Frazier. If you want this permit to be in the name of your company, then all of the owners of record will need to sign the enclosed partially completed assignment form.

Permit No. 37-07911 is in the name of Darlene Frazier. However, prior to the department processing either assignment of power permit, you need to submit additional information.

Permits for power use are subject to the provisions of Sections 42-205 through 42-210, Idaho Code. I have enclosed a copy of these statutes for your reference.

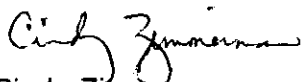
The additional information required includes a completed copy of the enclosed "Affidavit for Water Rights to be used for Power Purposes" form, a certificate of incorporation allowing your company to do business in Idaho or proof of residency, a complete list of names and address of the directors, officers, and/or partners of the corporation or partnership, and evidence of ownership (i.e. proof of purchase, bill of sale, or warranty deed).

These assignments of permit cannot be processed until the above statutory provisions have been met and the requested information has been submitted.

I am returning the assignments to you. Please resubmit the assignments and additional information to my attention at the above address.

If you have any questions, please feel free to contact me directly at (208) 327-7944.

Sincerely,


Cindy Zimmerman
Water Resource Agent

MICROFILMED

OCT 20 2003

Enclosures



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720 -(208) 327-7900

CECIL D. ANDRUS

GOVERNOR

R. KEITH HIGGINSON

DIRECTOR

June 28, 1990

Carl Grinsted
West One Bank
P.O. Box 509
Twin Falls, ID 83303

RE: Water Right Permits 37-7863 and 37-7911

Dear Mr. Grinsted:

This letter is confirmation that West One Bank is listed in the Department records as a lien holder for water right permits nos. 37-7863 and 37-7911.

In your letter dated June 18, 1990, you stated that the permits had been assigned to Veeh and Frazier from Darlene Frazier. Our records show that permit no. 37-7863 was assigned to Robert and Betty Veeh and Lyle and Toni Frazier, but that permit no. 37-7911 is still owned only by Darlene Frazier.

Sincerely,

A handwritten signature in cursive script that reads "Gary Spackman".

GARY SPACKMAN, Manager
Water Right Permits Section

GS:js

MICROFILMED

OCT 30 2003

June 18, 1990

WEST ONE
BANK

Mr. Gary Spackman, Manager
Water Right Permits Section
1301 North Orchard Street
Boise, Idaho 83720

RECEIVED
JUN 20 1990

Re: Water Permits 37-7863 and 37-7911
Robert E. and Betty Veeh
Lyle F. and Toni D. Frazier

Department of Water Resources

It is my understanding that both of these permits have now been properly assigned to Veeh and Frazier from Darlene Frazier and the Fred Frazier estate, and that the security interests of West One Bank are shown in your records.

In order for me to complete my file, please confirm the assignments and the recorded security interests by signing below and returning this letter to me.

Sincerely,



Carl Grinsted
Vice President

Confirmed:

Water Right Permits Section
Department of Water Resources

Date: _____

RECORDED
OCT 20 2003

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
1301 N. ORCHARD
BOISE, IDAHO 83706

RECEIVED

FEB 22 1990

Department of Water Resources



RETURN TO SENDER

FORWARDING ORDER EXPIRED

not at this address

New address.

Rt 3., Box 6736

Twin Falls, ID

83301

FRAZ795 833012005 IN 02/14/90

RETURN TO SENDER
NO FORWARD ORDER ON FILE
UNABLE TO FORWARD
RETURN TO SENDER

FXC-07

*Revert
3/5/90 JS*

RECEIVED

FEB 22 1990

37-7911



State of Idaho
DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720 -(208) 327-7900

CECIL D. ANDRUS

GOVERNOR

R. KEITH HIGGINSON

DIRECTOR

February 9, 1990

Darlene Frazier
1795 Julie Lane
Twin Falls, ID 83301

RE: Permit to Appropriate Water No. 37-7911

Dear Ms. Frazier:

We recently received an assignment of permit no. 37-7863 to Robert E. and Betty Veeh and Lyle F. and Toni D. Frazier. I discussed this assignment with Carl Grinsted of West One Bank. Carl represented to me that the Veeh's and the Frazier's now are the current owners, but that West One Bank has retained its security interest in the permit.

In reviewing our files, I noticed that another related water right, permit no. 37-7911 has not been assigned the Veeh's and Frazier's. Do you intend to assign permit no. 37-7911? You are presently shown as the current owner in our files with West One Bank holding a security interest.

Respectfully,

A handwritten signature in cursive script that reads "Gary Spackman".

GARY SPACKMAN, Manager
Water Right Permits Section

GS:js

cc. Carl Grinsted
Southern Region

MICROFILMED

OCT 20 2003

MEMORANDUM

TO: Files Nos. 37-7863 and 37-7911
FROM: Gary Spackman *Gary*
DATE: February 7, 1990

RE: Assignments of Permits and Respective Standing of the Parties

I have reviewed the assignments and security documents relating to permits nos. 37-7863 and 37-7911. I have also spoken to Carl Grinsted, Vice President of West One Bank in Twin Falls, Idaho. Current owners of permit no. 37-7863 are Robert E. Veeh, Betty Veeh, Lyle F. Frazier and Toni V. Frazier. Permit no. 37-7911 has not been assigned to these parties, however, and Darlene Frazier is the current owner. I will write a letter to Darlene Frazier informing her of the discrepancy.

We should enter West One Bank, P.O. Box 509, Twin Falls, Idaho, 83303, as a secured party. West One Bank holds a conditional assignment for security purposes that is earlier in time than the assignment by Darlene Frazier to the current owners. It is also my understanding that the current owners have agreed to recognize the conditional assignment upon default.

MICROFILMED

OCT 20 2003

MEMORANDUM

TO: File No. 37-7863 and 37-7911
FROM: Gary Spackman *Gary*
DATE: February 6, 1990

RE: Assignments of Permits and Respective Standing of the Parties

I have reviewed the assignment and security documents relating to permits nos. 37-7863 and 37-7911. I have also spoken to Carl Grinsted, Vice President of West One Bank in Twin Falls, Idaho.

The current owners for both permits should be Robert E. Veeh, Betty Veeh, Lyle F. Frazier and Toni V. Frazier. I noticed that these parties have been entered in the water right summary as the current owners for permit no. 37-7863. In 37-7911, however, the water right split summary still shows Darlene Frazier as the current owner.

We should also enter West One Bank, P.O. Box 509, Twin Falls, Idaho, 83303, as a secured party. West One Bank holds a conditional assignment for security purposes that is earlier in time than the assignment by Darlene Frazier to the current owners. It is also my understanding that the current owners have agreed to recognize the conditional assignment upon default.

MICROFILMED

OCT 20 2003



State of Idaho
DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720 - (208) 327-7900

CECIL D. ANDRUS

GOVERNOR

R. KEITH HIGGINSON

DIRECTOR

August 15, 1989

Carl Grinsted, Vice President
West One Bank
P.O. Box 509
Twin Falls, ID 83303

RE: Assignment of Permits Nos. 37-7863 and 37-7911 Presently in
the Name of Darlene Frazier

Dear Mr. Grinsted:

I have reviewed the consent to agreement and assignment of permit which you mailed to me. As I read the document, however, the bank consents to another agreement of assignment of which I do not have a copy. The earlier agreement is referred to in the document you sent to me as a "certain Agreement and Assignment of Permit."

Upon receipt of a copy of the original assignment, the Department will recognize and acknowledge both the assignment and the consent.

Sincerely,

GARY SPACKMAN, Manager
Water Right Permits Section

GS:js

cc. Darlene Frazier
1795 Julie Ln.
Twin Falls, ID 83301

MICROFILMED

OCT 20 2003



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

CECIL D. ANDRUS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

July 21, 1987

Shorock Hydro, Inc.
Box 1787
Twin Falls, ID 83303-1787

Re: Permits Nos. 37-7911 & 37-7863

Gentlemen:

By certified letter dated May 7, 1987, the Department of Water Resources requested that you determine the loss occurring within a hydropower project owned by Shorock Hydro, Inc. located on the Little Wood River, and submit the information to the Department.

The Department received a letter addressed to Mr. Marc A. Edson of Shorock Hydro, Inc., from D. W. Block of J-U-B Engineers, Inc. The letter set forth the results of various tests conducted by J-U-B Engineers to determine the water loss of the Shoshone-hydro electric project.

The Department has reviewed the test results, and has determined that the study adequately measures the losses in the delivery canal and tail-water. The Department will accept that the losses in the delivery system are negligible unless proof is submitted otherwise.

Sincerely,

L. GLEN SAXTON, Chief
Operations Bureau

LGSGS:jf

CC: Southern Region
Reid Newby, Watermaster

MICROFILMED

OCT 20 2003



State of Idaho

DEPARTMENT
STATE OF

WATER RESOURCES

Boise, Idaho

CECIL D. ANDRUS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

*please a
letter sent
indicating the
study adequately
compare with
our studies
11/14*

TO: Glen Saxton

DATE: June 30, 1987

FROM: Verl G. King

SUBJECT: Seepage Test at the Shorock Hydro, Inc. Facility

The report by JUB on the water losses at the Shorock Hydro facility has been reviewed. As described in the report, the procedure used appeared to provide good control and closure at both the inlet and outlet of the inlet canal. With this control, the method used can provide good accuracy of the losses that may occur.

The tailwater at the plant is a relatively short distance. The losses would be expected to be small unless abnormal conditions existed. The dye test was performed in a manner which would detect any significant losses occurring. None was found.

The method and the accuracy of this test at this hydro facility is acceptable.

[Handwritten signature]

MICROFILMED

OCT 20 2003



SHOROCK HYDRO, INC.

June 15, 1987

JUN 17 1987

Norman C. Young
Department of Water Resources
State House
Boise, Idaho 83720

Department of Water Resources

RE: Loss measurement of Shorock Hydro, Inc. facility
Shoshone Hydro Project #4182
Re: Permit No. 37-7911 and 37-7863

Dear Mr. Young:

Enclosed are the results of the various tests requested to determine the water loss of the Shoshone Hydroelectric Project located on the Little Wood River west of Shoshone.

Please feel free to contact me if you have any questions.

Sincerely,

Marc A. Edson
Operations Manager

MAE:cj

Enclosure

cc: Watermaster 37 & 37M

MAE: [unclear]

OCT 20 2003

RECEIVED

MAY 14 1987

Norm NY
Saxton ---
Legal ---

39 FERC ¶ 61,114

37-8113

37-7863

37-7911

Department of Water Resources

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Before Commissioners: Martha O. Hesse, Chairman;
Anthony G. Sousa, Charles G. Stalon,
Charles A. Trabandt and C. M. Naeve.

Shorock Hydro, Inc.)

Project No. 4182-009

ORDER DISMISSING STAY REQUEST AND
REQUEST FOR REHEARING

(Issued May 5, 1987)

By letter dated January 12, 1987, the Director, Division of Inspections (Director), determined that Shorock Hydro, Inc. (Shorock), holder of the exemption for Project No. 4182, located on the Little Wood River in Lincoln County, Idaho, was operating Project No. 4182 at a higher level than authorized and directed it to reduce the operating level of the project pending resolution of a competitive proceeding for the site. ^{1/} On February 11, 1987, Shorock filed an appeal of the Director's determination and a request that the Director's directive to operate at a lower level be stayed. On March 13, 1987, the Commission Secretary, by direction of the Commission, issued a notice of intent to act on the appeal but did not rule on Shorock's stay request. On April 7, 1987, Shorock filed a request for rehearing contesting the Commission's action, requesting that its request for stay be acted on.

By letter dated April 22, 1987, the Director issued a letter lifting the requirement that Shorock operate Project No. 4182 at the reduced level. Since this has mooted Shorock's February 11, 1987 stay request and its April 7, 1987 request for rehearing, we will dismiss them.

The Commission orders:

The request for stay filed on February 11, 1987, and the request for rehearing filed on April 7, 1987, in this proceeding by Shorock Hydro, Inc. are dismissed as moot.

By the Commission.

(S E A L)

Kenneth F. Plumb

Kenneth F. Plumb,
Secretary.

MCH

OCT 16 1987

^{1/} See 38 FERC ¶ 61,124 (1987) for an analysis of the competitive proceeding for the site.

PS Form 3811, July 1983 447-846

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1. ☐ Show to whom, date and address of delivery.
2. ☐ Restricted Delivery.

3. Article Addressed to:

Shorock Hydro, Inc.
Box 1787
Twin Falls, ID 83303

4. Type of Service:

- ☐ Registered ☐ Insured
☐ Certified ☐ COD
☐ Express Mail

Article Number

138509

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee

X

6. Signature - Agent

[Handwritten Signature]

7. Date of Delivery

5-11-87

8. Addressee's Address (ONLY if requested and fee paid)

37-7911 & 37-7863

DOMESTIC RETURN RECEIPT

**UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS**

SENDER INSTRUCTIONS

Print your name, address, and ZIP Code in the space below.

- Complete items 1, 2, 3, and 4 on the reverse.
- Attach to front of article if space permits, otherwise affix to back of article.
- Endorse article "Return Receipt Requested" adjacent to number.



PENALTY FOR PRIVATE
USE, \$300

**DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720**

**RETURN
TO**

RECEIVED

MAY 12 1987

(Name of Sender)

(No. and Street, Apt., Suite, P.O. Box or R.D. No.)

(City, State, and ZIP Code)

Department of Water Resource

NAME AND ADDRESS OF SENDER

DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

Indicate type of mail
☐ Registered
☐ Insured
☒ COD
☐ Certified

Check appropriate block for
☐ Express Mail
☐ With Postal Insurance
☐ Without Postal Insurance

Attach stamp here if issued as
certificate of mailing or for
additional copies of this bill.

POSTMARK AND DATE OF RECEIPT

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Name of Addressee, Street, and Post-Office Address

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Handling Charge (if Regs.) Insured Value

Due Sender if C.O.D.

R. R. S. D. S. H. Fee Fee Fee

Reg. Del. Fee Remarks

1 138506

Bonneville Pacific Corp.
c/o David Hirsch
185 S. State St.
P.O. Box 11898
Salt Lake City, UT 84147
37-7889 & 37-7916

22 X

4 138507

Geobon II Assoc. Ltd. Partnership
1200 Quail St., Suite 260
Newport Beach, CA 92660

37-8096 & 37-8251

7 138508

Bonneville Pacific Corp.
c/o Vernon F. Ravenscroft
P.O. Box 983
Boise, ID 83701

37-7857, 37-7865, 37-7922

10 138509

Shorrock Hydro, Inc.
Box 1787
Twin Falls, ID 83303-1787

37-7911 & 37-7863

13 138510

Bill and/or Karen Arkoosh
Route 2 Box 50
Gooding, ID 83330

37-7943

Total Number of Places Listed by Sender

Total Number of Places Received at Post Office

POSTMASTER, PER (Name of receiving employee)

5

The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for nonnegotiable documents under Express Mail document reconstruction insurance is \$50,000 per piece subject to a limit of \$500,000 per occurrence. The maximum indemnity payable on Express Mail merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for Registered Mail, \$400 for COD and \$400 for Insured Mail. Special handling charges apply only to Third- and Fourth-Class parcels. Special delivery service also includes special handling service.

FORM MUST BE COMPLETED BY TYPEWRITER, INK OR BALL POINT PEN

U.S. G.P.O. 1985-478-R01

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OCT 20 2003

May 7, 1987

Shorrock Hydro, Inc.
Box 1787
Twin Falls, ID 83303-1787

CERTIFIED MAIL

Gentlemen:

Re: Permit No. 37-7911 & 37-7863

Department records show that the above referenced permits were issued to you for the purpose of hydropower generation purposes. One of the conditions of approval of the permits was that the use of water be non-consumptive. The assumption that hydropower uses are non-consumptive in nature is the very reason the department could justify approving late in time appropriations on stream systems which essentially have been fully appropriated in most cases for many years.

The department has been advised by watermasters in several water districts that substantial loss is occurring in some of the conveyance systems, particularly those where water is delivered to the power generating facility through a non-enclosed conduit, and the only use being made of the water is power generation.

You are hereby required to determine the loss occurring within your hydropower project and to provide the information to the department within twenty (20) days of the date of this letter. The determination must be made by a professional engineer licensed to practice in Idaho or by a certified water right examiner using procedures acceptable to the department. In the interim, if the watermaster has measurements indicating that water is being lost within your project and that the water is needed by holders of prior rights, he has been instructed to regulate your diversion as needed to protect the prior rights, even though the herein required loss measurement has not been completed.

The runoff from surface water sources in 1987 is by far less than a normal year, so it is very likely any diversion for hydropower use experiencing a loss will be shut off by the duly authorized water master.

Authority for regulation of diversions by the watermaster is provided in Section 42-607, Idaho Code.

MICROFILMED

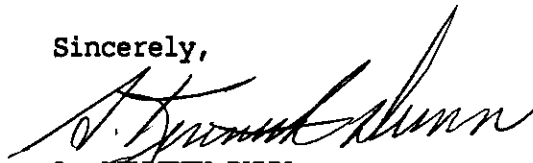
OCT 20 2003

Hydropower users subject to being shut off may want to augment the stream system through acquisition of stored water or non-tributary water from some external source of supply in exchange for the water being lost in their conveyance system. Such arrangements may require approval under Section 42-222, Idaho Code.

Prior notice of the watermaster's action to regulate diversions cannot always be provided. If your generating equipment is subject to damage by the reduction of water flows, it is your responsibility to contact the watermaster to arrange a procedure to provide for regulation of the diversion without damage to your facilities.

Please feel free to contact the department if you have questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "A. Kenneth Dunn".

A. KENNETH DUNN,
Director

c: Regional office
Watermaster

MICRO. RECD.
OCT 20 2003

FROM Gary Spackman

DATE April 13, 1987

TO Loren Holmes

Permit Nos. 37-7863, 37-7941
Application No. 37-8113

SUBJECT

Enclosed is a letter from FERC to Shorock Hydro telling them to cut back electrical production to 335 Kw to 150 Kw. We should probably take this into account when processing the field exam.

MICROFILMED

OCT 20 2003

Gary

SIGNATURE

FEDERAL ENERGY REGULATORY COMMISSION

WASHINGTON, D. C. 20426

JAN 12 1987

CERTIFIED MAIL

Project No. 4182-ID
Shoshone Project
Shorock Hydro, Inc.

Mr. John J. Straubhar
Shorock Hydro, Inc.
Box 1787
Twin Falls, ID 83303-1787

Dear Mr. Straubhar:

In your letter of December 22, 1986, you requested a determination on the necessity for an amendment of your exemption to increase the installed capacity for the Shoshone Hydro Project No. 4182 from 150 kW to 335 kW. The associated change in hydraulic capacity is from 60 cfs to 120 cfs an increase of 100%.

The above increase in installed capacity is considered to be a significant change to your project which will require an amendment to your exemption. Further, in consideration of the fact that this site is currently before the Commission in a competing application for license, you are directed to restrict your operation to your currently authorized capacity of 150 kW, pending final Commission action on the competition for the site. Failure to comply with the requirements of this letter will result in referral of this matter to the Commission for enforcement action.

Sincerely,

Ronald A. Corso

Ronald A. Corso, Director
Division of Inspections

MAILED
OCT 20 2003

MEMORANDUM

TO: Files Nos. 37-7863 & 37-7911¹
FROM: Gary Spackman *G.S.*
DATE: February 3, 1987
RE:

On February 3, 1987, I called Loren Holmes, of Southern Region, and told him that Sarah Thorpe, telephone number 344-7811, would be expecting copies of field examinations, notice of any amendments, 10-day license letters, or licenses proposed to be issued.

Norm has requested that we provide this information to Sarah Thorpe. I do not have record of her address, but will obtain her address when necessary by telephoning her.

MICROFILMED

OCT 28 2003

CLEMONS, COSHO & HUMPHREY, P. A.

LOUIS H. COSHO
HOWARD HUMPHREY
RICHARD H. GREENER
R. MICHAEL SOUTHCOMBE
STANLEY W. WELSH
MAX A. EIDEN, JR.
RANDALL C. FREDRICKS
FREDRIC V. SHOEMAKER
CHRISTOPHER BURKE
MICHAEL T. SPINK
RORY R. JONES
STEPHEN J. GLEDHILL
JANICE M. WELSH
SARA M. THORPE
JOSEPH M. MEIER
PHILIP RICHARD RAYHILL
DAVID M. PENNY

COUNSELORS AND ATTORNEYS AT LAW
CARNEGIE BUILDING
815 WEST WASHINGTON STREET
BOISE, IDAHO 83702

DALE CLEMONS (1911-1983)

TELEPHONE
AREA CODE 208
344-7811

February 2, 1987

RECEIVED
FEB 03 1987

Mr. Norm Young, Administrator
Department of Water Resources
450 W. State
Boise, ID 83720

Department of Water Resources

RE: Water Application Nos. 37-7911 and 37-7863

Dear Mr. Young:

As I have previously informed you, this office represents Conversion Industries. and the Arkooshes in connection with construction of a hydropower facility on the Little Wood River, commonly known as Geobon I. This letter is to request that your office send us copies of any and all field examinations performed by or for the Department of Water Resources in connection with Application Nos. 37-7911 and 37-7863.

We also request copies of any decisions made in connection with the above two applications as well as a copy of any ten-day license letter, or similar letter, that is sent to the applicant regarding licensing these two applications.

Thank you for your assistance in this matter.

Very truly yours,

Sara Thorpe

Sara M. Thorpe

SMT/lcb

MICROFILMED

OCT 20 2003



1. Shorock
SHOROCK HYDRO, INC.

RECEIVED

DEC 3 1986

Department of Water Resources
December 1, 1986

37-4863
37-7911

L. Glen Saxton
Chief, Operations Bureau
Idaho Dept. of Water Resources
Statehouse
Boise, Idaho 83720

RE: Shoshone Hydroelectric Expansion Project

Dear Mr. Saxton:

As per Federal Energy Regulatory Commission's (F.E.R.C.'s) instructions we are sending you a letter and a request for additional information.

Sincerely,

SHOROCK HYDRO, INC.

Marc A. Edson

Marc A. Edson
Project Manager

MAE:cj

Enclosure

cc: F.E.R.C., Washington, D.C.

MICROFILMED
OCT 20 2003

FEDERAL ENERGY REGULATORY COMMISSION
WASHINGTON, D.C. 20426

DEC 1 1986
DEC 2 1986

Project No. 9967-000 - Department of Water Resources
Idaho
Shoshone
Shorock Hydro, Inc.

NOV 21 1986

Mr. John J. Straubhar
President
Shorock Hydro, Inc.
P.O. Box 1787
Twin Falls, ID 83303

Dear Mr. Straubhar:

The amount and type of information necessary for the Commission staff to evaluate hydropower projects has changed in the recent past because of court decisions including Yakima, Merwin, and Escondido. ^{1/} Any information that is needed beyond that which is specified in the Commission's regulations must be requested as additional information under 18 C.F.R. section 4.32(f).

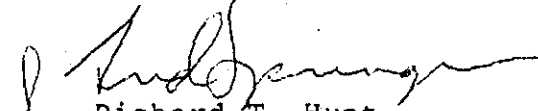
The Commission's staff needs additional information before it can complete its evaluation of your license application for this project. See Schedule A. Under section 4.32(f) of the Commission's regulations, which allows the Commission or its delegate to prescribe a time for the submission of additional information, you have one year from the date of this letter to provide the information. If the requested information causes any other part of the application to be inaccurate, that part must also be revised and refiled by the due date. A copy of the complete filing must be provided to each agency consulted under section 4.38 of the regulations. Also, please be aware that further requests for additional information may be sent to you at any time prior to final action on your application.

^{1/} Confederated Tribes and Bands of the Yakima Indian Nation v. FERC, 746 F. 2nd 466 (9th Cir. 1984); Clark-Cowlitz Joint Operating Agency v. FERC, D.C. Circuit No. 82-2331; Escondido Mutual Water Co. v. La Jolla Band of Mission Indians, U.S. Supreme Court No. 82-2056 (1984).

OCT 20 1986

If an original and 14 copies of the information requested are not timely filed with the Secretary of the Commission, your application may be dismissed. You are advised to contact Ms. Deborah Frazier-Stutely on (202) 376-9527 if you have any questions concerning what information must be provided.

Sincerely,



Richard T. Hunt
Director, Office of
Hydropower Licensing

Enclosure:
Schedule A

cc: Mr. H. Wayne Gibbs
J-U-B Engineers, Inc.
250 South Beechwood Avenue
Boise, ID 83709

MAILED
OCT 20 2003

ADDITIONAL INFORMATION

You have one year from the date of this letter to provide the following additional information. When you file this additional information with the Commission, you should at the same time serve exact copies of the filings on the agencies that you consulted during the preparation of the exhibit E.

Within 5 days of receipt, provide a copy of this schedule and the attached letter to all agencies you will consult in response to this additional information request.

In the items listed below, you are asked to provide agency comments. You should make written requests for the comments, and must allow a minimum of 30 days for agency response before filing the information. If the agencies do not reply, you should provide the Commission with dated copies of the letters of requests.

- (1) In letters dated February 19, 1986, and March 4, 1986, the Idaho Department of Parks and Recreation stated that certain recreational facilities and measures should be provided to mitigate for project impacts upon recreationists floating on the Little Wood River. Provide a statement as to why the applicant has rejected these recommendations.
- (2) During project construction substantial quantities of spoil would be produced and would require disposal. In order to determine the environmental impacts associated with spoil disposal a description of the proposed disposal site is required. Describe the location of the disposal site, the wildlife and vegetation that would be affected by disposal activities, and any mitigative measures that are proposed to lessen or avoid the impacts of spoil disposal on vegetation and wildlife.
- (3) Energized transmission lines and transformers pose an electrocution potential to large, perching raptorial birds. In order to protect these birds (which include the federally listed endangered bald eagle) it is necessary to determine if the project transmission line(s) pose(s) a current hazard. Provide either a description of the transmission line (including scale drawings) that demonstrates that the transmission line is not a hazard or a description and plan for implementing design changes that would be necessary to meet the criteria outlined in "Suggested Practices for Raptor Protection of Power Lines," Raptor Research Foundation, Inc., 1981. The comments of the U.S. Fish and Wildlife (FWS) and Idaho

APR 19 1987

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Department of Fish and Game (IDFG) on the adequacy of the description and plan should be included when they are filed with the Commission.

- (4) The applicant has indicated that flushing flows and irrigation water would be provided to maintain the riparian zone. The extent and adequacy of this proposal could not be judged by the information provided in the application. In order to evaluate these mitigative measures additional information is needed. Describe the measures that would be taken to maintain the riparian zone, including a detailed plan to provide flushing flows and irrigation water, and a schedule for providing these measures. The comments of FWS and IDFG on the adequacy of the description, schedule, and plan should be included when they are filed with the Commission.
- (5) The copy of the Idaho State Historic Preservation Officer's letter to the applicant dated March 6, 1986, included in the license application is of poor quality. Provide a more legible copy of this letter.
- (6) On page 23 of the license application, the applicant indicates that instream fishery enhancement structures would be constructed in the river. Construction of these structures could be considered a significant mitigative measure and, therefore, a more detailed description of the structures is necessary to determine the benefits to the fishery resource. This description must include structural designs, materials to be used, locations of the structures, and anticipated beneficial effects on the fishery resource.
- (7) Depending on the location of stocking sites in the Little Wood River, brown trout stocked by IDFG may be subject to impacts directly associated with project construction and operation. Provide the location of brown trout stocking sites in relation to the proposed project, the number of trout stocked, and the frequency of stocking at any sites affected by the proposed project.
- (8) The applicant indicates that water quality in the Little Wood River varies on a seasonal basis due to irrigation and other agriculture-related practices. A more detailed description of the existing water quality conditions is needed so that an accurate determination of how the proposed project would affect water quality can be made. This description must include seasonal dissolved oxygen, pH, and temperature levels in the Little Wood River at locations: (a) immediately above the project diversion; and (b) immediately above and below its confluence with the project tailrace.

- (9) Initial review of the license application indicates that there may be a potential for fish entrainment and subsequent turbine-related mortality at the project during operation. Fish loss due to turbine mortality can significantly affect fish population and, therefore, must be prevented and/or mitigated for to minimize adverse impacts to the resource. Provide a discussion of the potential for brown trout entrainment at the project diversion and intake structure. The discussion should include water velocity at the intake and a description of measures to mitigate fish loss.
- (10) Preliminary staff study of the proposed project indicates that all project areas disturbed by construction may subsequently impact adjoining wetland habitat areas, particularly as a result of the construction of the penstock and the stockpiling of excavated spoil material. These disturbed ground areas may potentially produce erosion, sedimentation, and mass movement impacts of substantial proportions. In order for staff to more fully understand the degree of impacts from construction, and the degree to which they could be successfully mitigated, the applicant must: (a) furnish an estimate of the quantity of material to be excavated and discuss its proposed use through each stage of movement until its final disposal; and (b) describe and show on topographic plan maps the proposed holding and disposal sites with treatment measures to be implemented to control erosion, sedimentation, and mass movement at these sites. Consult with the Soil Conservation Service, the FWS, and the IDFG on preparing your response, and provide their comments and recommendations. If you do not agree with any agency comment or recommendation, provide a detailed explanation based on actual observed site conditions.
- (11) The application did not contain sufficient information on the proposed transmission line. All project facilities including any transmission lines necessary to reliably deliver project power to the interconnected system or market must be licensed. Additional information is needed in order that staff can clearly understand the project proposal and to determine what transmission facilities must be included as part of the license. Therefore, provide: (a) the generator voltage and transformer data of the proposed plant, (b) the name and/or circuit number, voltage level, length, and feeder substation of the Skamania line to which the project will connect; and (c) a statement as to whether the proposed transmission line will be owned by the applicant.

WRC

NOV 11 1993



State of Idaho
DEPARTMENT OF WATER RESOURCES
STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

February 11, 1986

H. Wayne Gibbs, Project Coordinator
J-U-B Engineers, Inc.
250 South Beechwood Ave., Suite 1
Boise, ID 83709

Re: Shoshone Hydroelectric Project Expansion -
Initial Consultation (37-7863, 37-7911, 37-8113, 37-8120)

Dear Mr. Gibbs:

In your February 6, 1986 letter you have asked for preliminary input with respect to the above-referenced expansion project.

Department records show that Permit Nos. 37-7911 and 37-7863, providing a total of 120 cfs, have been approved by the Department. Our records also show that Application No. 37-8113, filed by Cogeneration Inc. for 180 cfs, has been protested. Application No. 37-8120, filed by George Arkoosh for 300 cfs, is also protested but is a prior application to No. 37-8113.

Administrative hearings on the protested applications may be required before the Department to determine whether either Application No. 37-8120 or No. 37-8113 will be approved by the Department. To my knowledge, the hearings have not yet been scheduled.

As a general comment, it is not apparent to me how the existing water right applications or permits filed for the project relate to the "additional 285 cfs" discussed in the project description forwarded for initial review and comment.

We appreciate the opportunity to comment.

Sincerely,

L. GLEN SAXTON
Chief, Operations Bureau

ls

MICHO...

DEC 18 2003



J-U-B ENGINEERS, INC.

250 South Beechwood Avenue, Suite 1 • Boise, Idaho 83709 • Telephone (208) 376-7330

February 6, 1986

Mr. Glen Saxton
Idaho Department of Water Resources
Statehouse
Boise, ID 83720

RECEIVED
FEB 7 1986

Dear Mr. Saxton:

Re: Shoshone Hydroelectric Project
Initial Consultation

Department of Water Resources

In accordance with the requirements of the Federal Energy Regulatory Commission (FERC), we are requesting your preliminary input on the Shoshone Hydropower Expansion Project. Your concerns will be included in the Draft License Application which will also be submitted to you for comment. Location maps, preliminary project design and flow data for the proposed project are enclosed for your review.

The proposed project involves the expansion of an existing hydropower project which was exempted by FERC in 1981 (FERC No. 4182). The existing project is operating on a water right of 120 cfs which was issued as two separate permits for 60 cfs each (Dockets Nos. 37-7911 and 37-7863). Cogeneration, Inc., filed a permit application for an additional 180 cfs on June 2, 1983 (Docket No. 37-8113). An application (No. 37-8120) has been filed for 300 cfs for a parallel project by George Arkoosh.

If you have questions or need additional information, please give me a call.

Sincerely,

J-U-B ENGINEERS, Inc.


H. Wayne Gibbs
Project Coordinator

HWG:ss
Enclosures

MICROFILMED

OCT 20 2003

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Southern Region

1041 Blue Lakes Blvd. N.
Twin Falls, Idaho 83301
(208) 734-3578

MARCH 20, 1984

DARLENE FRAZIER
P.O. BOX 1787
TWIN FALLS ID 83303

RE: Permit No. 37-7911

Dear Permit Holder:

We acknowledge receipt of your statement submitted as proof of beneficial use for the above referenced permit.

Before a license can be issued, a field examination must be made by a representative of this department.

A field examiner will contact you to arrange to examine your system.

If you have any questions regarding the field examination, please contact this office by phone at 734-3578 or in person at our office at 1041 Blue Lakes Blvd. N. Twin Falls, Idaho.

Sincerely,
s/Mary A. Newby
Secretary

MICROFILMED

OCT 20 2003



ate of Idaho
DEPARTMENT OF WATER RESOURCES
STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

February 15, 1983

Mr. Reid Newby
Water Master, Water District 37-M
Box T
Shoshone, ID 83352

Re: Permits Nos. 37-7863 and 36-7911

Dear Reid:

As you are aware, I sent a letter to Mrs. Darlene Frazier regarding the above-referenced permits on October 12, 1982. To date, I have received no response from Mrs. Frazier.

Before I follow up on the matter, I would like to solicit your thoughts. Would you please write me a brief note outlining any contact to date as well as your recommendations for future action?

Sincerely,

DAVID R. TUTHILL, JR., P.E.
Supervisor, Water Allocation Section

DRT:sc

cc: Southern Region

MICROFILMED

October 12, 1982

Ms. Darlene Frazier
1201 Madrona Street North
Twin Falls, Idaho 83301

RE: Permit Nos. 37-7863 and 37-7911

Dear Ms. Frazier:

Because you are the current holder of the above referenced permits, I am writing to you concerning some water right matters that need to be clarified with respect to the power plant built and operated by Cogeneration, Inc.

Last week I had an opportunity to view the facility via the ASAE tour, and found Bill Brock to be very knowledgeable about the system. He mentioned that approximately 130 cubic feet per second (cfs) are currently being utilized by the turbines. Since the above referenced permits add up to only 120 cfs, you will need to file on the additional flow to insure that your water rights are fully protected.

In addition, it is my understanding that a measuring device has not yet been installed. As you are aware, the Little Wood River Water District is very closely regulated and managed due to its many users and extremely competitive uses. The watermaster must be provided with a means of measuring the water to enable proper billing for the diversion and delivery of the proper quantity so a measuring device requirement was placed on each of the permits.

You have a number of options as to the type of measuring system that can be provided. Three of the options are to: install a staff gauge in a rated channel, install a Parshall flume, or place a meter in the penstock. Regardless of the option that you select, the measuring system should be operational prior to the next irrigation season.

Ms. Darlene Frazier
October 12, 1982
Page 2

If you have any questions regarding these items please feel free to call me in Boise at 334-4104, or our Southern Regional Office in Twin Falls, at 734-3578. We will be happy to assist you.

Sincerely,

DAVID R. TUTHILL, JR., P. E.
Supervisor, Water Allocation Section

DRT:jg

cc: Southern Regional Office
Reid Newby Water master, Water District 37-M

April 19, 1982

RE: Permits Nos. 37-7863 and 37-7911

Darlene Frazier
1201 Madrona St. North
Twin Falls, ID 83301

Dear Ms. Frazier:

This office acknowledges receipt of the Assignment of the above referenced permits to you.

Enclosed for your records are copies of the permits. Be sure to note the special conditions of approval on the fourth page that identify requirements necessary for developing the permits into licensed water rights.

If you have any questions on this matter, please feel free to contact us.

Sincerely,

ROBYN CARLSON
Chief Clerk

RC:kw
Enclosures

MICROFILMED



State of Idaho
DEPARTMENT OF WATER RESOURCES
STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS

COMMISSIONER

A. KENNETH DUNN

DIRECTOR

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

January 26, 1982

RE: Applications for Permit Nos. 37-7863, 37-7911 and 47-7676

Cogeneration, Inc.
250 South Beechwood
Boise, ID 83709

Dear Sirs:

Enclosed are copies of approved Permits Nos. 37-7863, 37-7911 and 47-7676. We direct your attention to the conditions of approval on the fourth page. The Department would also like to point out that Departmental staff have not conducted flow-duration studies of the sources in the area of your proposed developments. This analysis, when considered together with prior existing water rights however, must be an integral part of the feasibility consideration in your detailed engineering review of the project.

The permits have been issued without regard for minimum streamflow considerations, since the Idaho Water Resource Board has not submitted minimum streamflow applications pursuant to Chapter 15, Title 42, Idaho Code in the reach of your proposed projects.

We have enclosed a form entitled "Making Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop these permits into licenses.

Sincerely,

A handwritten signature in dark ink, reading "L. Glen Saxton". The signature is fluid and cursive, with the first name "L." and last name "Saxton" clearly legible.

L. GLEN SAXTON
Chief, Operations Bureau

LGS:kw
Enclosures

JAN 15 1982

Department of Water Resources

January 15, 1982

Dept. of Water Resources
State House
Boise, Idaho

ATTN: L. Glen Saxton

SUBJECT: Explanation of transfer of water permit application
#37-7863, #37-7911 (Wood River) and #47-7676 (Rock Creek)
from Bruce C. Meham to Cogeneration Inc.

Dear Mr. Saxton:

At the time Cogeneration Inc. received authorization from the land owners to file on water passing through their property, there were no officers of Cogeneration Inc. available. Time being of the essence and due to my being one of the original stock holders in Cogeneration Inc. as well as being a member of the executive committee, I agreed to personally make application and at a later and more convenient time, make the transfer from myself to Cogeneration Inc.

I can assure you that I did not do this for a personal profit. I have only been reimbursed by Cogeneration Inc. for the actual amount of the filing fee as was agreed upon at the time of application. If there are any further questions or if I can be of any further assistance, please let me know.

Sincerely,



Bruce C. Meham

P.S. To further varify that I am one of the original stockholders of Cogeneration Inc., please find enclosed a copy of the organisational minutes.

Enc: 1

ENCLOSURE

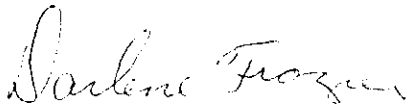
January 18, 1982

Mr. Jack J. Straubhar, President
Cogeneration, Inc.
250 S. Beechwood Avenue
Boise, Idaho 83709

Dear Mr. Straubhar:

This letter is intended to provide further clarification of our lease agreement dated November 19, 1981. The existing power canal is entirely on our property and will be used for the subject power project. It is not, and has never been part of a irrigation canal system. Therefore, with this letter we further clarify the Lease Agreement in giving Cogeneration, Inc. permission to utilize the existing power canal for conveying water for power generation.

Sincerely,



Darlene Frazier

RECEIVED
JAN 21 1982
MED

JAN 22 1982

Department of Water Resources

MINUTES OF
THE ORGANIZATION MEETING
OF
COGENERATION, INC.

The organization meeting of shareholders was held at Twin Falls, Idaho on August 6, 1980, at o'clock .M.

The following were present:

John J. Straubhar
James W. Barber, Jr.
Delbert W. Block
R. James Coleman
Bruce C. Mecham
Michael D. Preston
Jack Witherspoon

being all the shareholders of the corporation.

John J. Straubhar was appointed chairman of the meeting and Delbert W. Block was appointed secretary.

The secretary then presented and read to the meeting the waiver of notice of the meeting, subscribed by all the persons named in the certificate of incorporation, and it was ordered that it be appended to the minutes of the meeting.

The secretary then presented and read to the meeting a copy of the certificate of incorporation and reported that on , 1980, the original thereof was filed in the office of the Idaho Secretary of State. The copy of the certificate of incorporation was ordered to be filed in the Corporate Minute Book.

The chairman then stated that nominations were in order for election of directors of the corporation to hold office until the first annual meeting of stockholders and until their successors shall be elected and shall qualify.

The following persons were nominated:

John J. Straubhar
James W. Barber, Jr.
Delbert W. Block
R. James Coleman
Bruce C. Mecham

RECEIVED

No further nominations being made nominations were closed and a vote was taken.

After the vote had been counted, the chairman declared that the foregoing named nominees were elected directors of the corporation.

The chairman then stated that the newly elected directors would assume their responsibilities immediately and that this meeting would be considered as the first meeting of directors to organize the corporation and to transact such business as should properly come before the meeting.

The secretary then presented a proposed form of by-laws prepared by John A. Rosholt, counsel to the corporation. The proposed by-laws were read to the meeting, considered and upon motion duly made, seconded and carried, were adopted as and for the by-laws of the corporation and ordered appended to the minutes of the meeting.

The chairman of the meeting then called for the election of officers of the corporation. The following persons were nominated to the office preceding their name:

President	John J. Straubhar
Vice-President	James W. Barber, Jr.
Secretary/Treasurer	Delbert W. Block

No further nominations being made the nominations were closed and the directors proceeded to vote on the nominees. The chairman announced that the foregoing nominees were elected to the offices set before their respective names.

The secretary submitted to the meeting a seal proposed for use as the corporate seal, a specimen stock certificate proposed for use as the corporate certificate for stock, the corporate record book, and the stock transfer ledger. Upon motion duly made, seconded and carried, it was

RESOLVED, that the seal now presented at this meeting, an impression of which is directed to be made in the minutes of this meeting, be and the same hereby is adopted as the seal of the corporation, and further

RESOLVED, that the specimen stock certificate presented to this meeting be and hereby is adopted as the form of certificate of stock to be issued to represent shares in the corporation, and further

RESOLVED, that the corporate record book, including the stock transfer ledger, be and hereby is adopted as the record book and stock transfer ledger of the corporation.

Upon motion duly made, seconded and carried, it was

RESOLVED, that the treasurer of the corporation be and hereby is authorized to pay all charges and expenses incident to or arising out of the organization of the corporation and to reimburse any person who has made any disbursement therefor.

Upon motion, duly made, seconded and carried, it was

RESOLVED, that an office of the corporation be established and maintained at 2405 Spring Mountain Drive, in the City of Boise, State of Idaho, and that meetings of the board of directors from time to time may be held either at the principal office or at such other place as the board of directors shall from time to time order.

Upon motion, duly made, seconded and carried, it was

RESOLVED, that for the purpose of authorizing the corporation to do business in any state, territory or dependency of the United States or any foreign country in which it is necessary or expedient for this corporation to transact business, the proper officers of this corporation are hereby authorized to appoint and substitute all necessary agents or attorneys for service of process, to designate and change the location of all necessary statutory offices and, under the corporate seal, to make and file all necessary certificates, reports, powers of attorney and other instruments as may be required by the laws of such state, territory, dependency or country to authorize the corporation to transact business therein.

The chairman then stated that it was desirable to designate a depository for the funds of the corporation. Thereupon, on motion duly made, seconded and unanimously adopted, it was

RESOLVED, that the treasurer be and hereby is authorized to open a bank account in behalf of the corporation with the Idaho First National Bank, Blue Lakes Branch, located

at 748 Blue Lakes Blvd. North, Twin Falls, Idaho, and a resolution for that purpose on the printed form of said bank was adopted and was ordered appended to the minutes of this meeting.

Upon motion duly made, seconded and carried, it was

RESOLVED, that the fiscal year of the corporation shall begin on the 1st day of January in each year.

Upon motion duly made, seconded and carried, it was

RESOLVED, that the board of directors be and hereby is authorized to issue the unsubscribed capital stock of the corporation at such times and in such amounts as it shall determine, and to accept in payment thereof, cash, labor done, personal property, real property or leases thereof, or such other property as the board may deem necessary for the business of the corporation.

The chairman presented to the meeting a form of plan to offer shares of common stock for sale so that any loss sustained by a stockholder on the sale or exchange of stock of the corporation may qualify for ordinary loss deduction treatment on the stockholders' personal income tax return. Upon motion duly made, seconded and carried, it was

RESOLVED, that the board of directors hereby approve and adopt the plan to offer common stock for sale as set forth below, and it is further

RESOLVED, that the proper officers of the corporation are authorized and directed to sell and issue common stock in the total amount not to exceed \$400,000 in accordance with said plan.

PLAN TO OFFER COMMON STOCK FOR SALE
PURSUANT TO IRC SEC. 1244

The corporation is a "small business corporation" as defined in IRC Sec. 1244(c)(2) and there is not now outstanding any prior offering of the corporation to sell or issue any of its common stock. The corporation shall sell and issue shares of its common stock in the total amount of not more than \$400,000 in a manner such that in the hands of qualified stockholders such shares shall receive the benefits of IRC Sec. 1244, as amended.

The officers of the corporation shall sell and issue as many shares of common stock and at such prices, payable in cash or other property (other than stock and securities) as from time to time they deem to be in the best interests of the corporation, subject to the following:

- (1) In no event shall the total amount of cash and the value of property received for the common stock exceed \$400,000.
- (2) The offer to sell and issue common stock shall remain in full force and effect until said shares are sold, or until the corporation shall make a subsequent offering of common stock or securities convertible into common, or for a period of two years from the date of adoption of this plan by the board of directors, whichever occurs first.

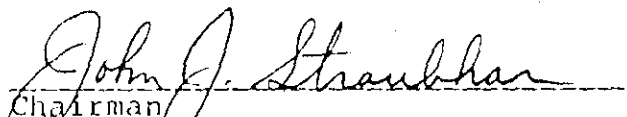
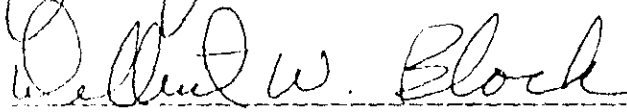
This plan shall be interpreted and construed in such manner, and the officers of the corporation will take such further steps as will enable this plan to qualify under Section 1244 of the Internal Revenue Code of 1954, as amended, and as will enable the shares of common stock issued hereunder to qualify as "Section 1244 stock," as defined in said section.

RESOLVED, that the corporation proceed to carry on the business for which it was incorporated, and further

RESOLVED, that the signing of these minutes shall constitute full ratification thereof and waiver of notice of the meeting by the signatories.

There being no further business before the meeting, on motion duly made, seconded and carried, the meeting was adjourned.

DATED: August 6, 1980.


Chairman

Secretary

January 12, 1982

Cogeneration Inc.
240 S. Beechwood
Boise, ID 83709

Gentlemen:

Re: Application for Permit Nos. 37-7863, 37-7911 and 47-7676
Bruce C. Mecham

This office has reviewed in detail the above-referenced applications for permit. Legal review indicates that in order to comply with the safeguards of Section 42-207, Idaho Code, Mr. Mecham, the applicant, shall file with the department a copy of the deed, bill of sale, mortgage or other document of transfer to Cogeneration, Inc. This is in addition to the assignment of application form which Mr. Mecham has executed and filed with the department.

While Section 42-207, last amended in 1947, refers to permits, the meaning of a department permit issued prior to 1967 was of a lesser significance than permits issued after 1967.

The department files do contain the necessary affidavit in compliance with Section 42-206 showing that Cogeneration, Inc. is a corporation qualified to do business in the State of Idaho.

Please also clarify whether the existing canals to be used on the Shoshone Project are or ever have been used for irrigation.

Your prompt response will allow the department to further process the applications.

Sincerely,

L. GLEN SAXTON
Chief, Operations Bureau

cc: Marc A. Auth, JUB

INTER-DEPARTMENT MEMO — 1

FROM Robyn Carlson

DATE 12-28-1981

TO File 37-7911

SUBJECT Overlap

In a search by section on the computer,
of overlap filings on the same P/D & P/O
& found file 37-7863 (file 37-7863 is
supplemental to file 37-7911)

SIGNATURE

INTER-DEPARTMENT MEMO — 1

DATE 11/3/1981

FROM Jim Johnson

TO Files 37-7863 and 37-7911

SUBJECT Affidavit of qualifications to do business under the laws of Idaho.

For original affidavit of Cogeneration Inc. see File 47-7676.

SIGNATURE

August 17, 1931

Mr. Kenneth P. Plumb, Secretary
Federal Energy Regulatory Commission
525 North Capitol Street, N.W.
Washington, DC 20426

Re: Shoshone Hydro Project
No. 4152. Order granting
exemption from licensing
of a small hydroelectric
project of 5 megawatts or
less. Cogeneration, Inc.

Dear Mr. Plumb:

Our Department did not receive notice of application for exemption of licensing for the referenced project. We have reviewed the project, however, and submit the following terms and conditions for the purposes set forth in Section 408 of the Energy Security Act of 1930.

1. Every reasonable care to be taken to minimize water quality degradation during construction and to prevent long-term erosion.
2. Instantaneous minimum stream flows to be maintained by month between diversion inlet structures and return discharge to stream, as shown below:

<u>Month</u>	<u>cfs</u>	<u>Month</u>	<u>cfs</u>
October	5	April	56
November	11	May	115
December	13	June	119
January	12	July	115
February	14	August	197
March	16	September	86

3. Fish screens to be provided in the inlet diversion structure according to design and specifications and operation and maintenance criteria approved by the Idaho Department of Fish and Game (IDFG).

RECEIVED
AUG 20 1931

Mr. Kenneth F. Plumb
August 17, 1981
Page 2

4. Plans and specifications for the inlet diversion structure to be furnished to IDFG prior to the start of construction. Upstream fish passage facilities to be provided in the diversion structure if determined necessary by IDFG and according to design and specifications and operation and maintenance criteria as approved by IDFG.
5. Transmission lines, if above ground, to be designed and constructed to prevent mortalities to raptors. Design for preventing raptor mortalities to be subject to approval by the IDFG.
6. If, after construction, the applicant should at any time in the future abandon the site, the stream diversion points will be restored to pre-project condition.

Fish screen, upstream fish passage facility and transmission line design criteria are available to applicant from the IDFG.

Sincerely,

Jerry M. Conley
Director

cc: Cogeneration, Inc.
USFWS
Region 4
Bur. Fisheries

JMC:MRR:jt

RECEIVED

MEMORANDUM OF CONVERSATION

TO: Mr. David Tuthill, Idaho Department of Water Resources

FROM: Marc A. Auth, J-U-B ENGINEERS, Inc.

DATE: October 22, 1981

SUBJECT: Shoshone Hydroelectric Project, Water Application Permit #37-7911

Per your request, this memorandum of conversation is submitted in order that clarification be made and processing proceed for the above-referenced permit.

Our firm was hired by Cogeneration, Inc. to prepare and submit an application for exempting the Shoshone hydro project from licensing under the FERC final ruling #106.

At the time the application was submitted, the applicant, Cogeneration, Inc., proposed to utilize a flow of 60 cfs for power generation. Upon final determination of minimum stream flows by the Idaho Department of Fish & Game, and upon further analysis by the engineers, it was determined that additional flows from the Little Wood River could be utilized. Subsequently, Mr. Bruce Mecham of Cogeneration, Inc., filed for an additional 60 cfs flow.

Because this final flow determination did not "match" what was prepared in the FERC application, I contacted Ms. Linda Lee, legal counsel for the FERC, on May 5, 1981. At that time I informed her of this situation. I was told that since the basic criteria under which the FERC application was submitted remained unchanged (i.e., (1) existing dam, (2) real property interests, and (3) less than five megawatts) no amendments to the exemption application were needed.

If you have any further questions relative to this matter, please do not hesitate to contact me.

MAA:ss

cc: Ms. Linda Lee, FERC Office of General Counsel

RECEIVED
OCT 23 1981
FEDERAL ENERGY
COMMISSION
WASHINGTON, D.C.
20585



JUB ENGINEERS, Inc.

INDUSTRIAL DIVISION

250 South Beechwood Avenue, Suite III

Boise, Idaho 83709

Telephone (208) 376-7330

OCT 20 1981

Department of Water Resources

October 20, 1981

Letter No. 25095

Mr. David Tuthill
State of Idaho
Dept. of Water Resources
450 West State Street
Boise, Idaho 83720

Dear Mr. Tuthill:

Re: Water Application Permit No. 37-7863
and No. 37-7911 ✓

Per request by Mr. Jim Coleman, Civil Engineer at our Twin Falls office, please find enclosed a copy of the FERC order granting exemption from licensing the Shoshone Hydroelectric Project.

Hopefully this order will be sufficient for further processing of the above-referenced water application permits. A

If you have any further questions, please contact me.

Sincerely,

J-U-B ENGINEERS, Inc.
Industrial Division

Marc A. Auth
Project Coordinator

MAA:dm
Enclosure

RECEIVED

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION
15 FERC 162,418

Cogeneration, Inc.) Project No. 4182-000

ORDER GRANTING EXEMPTION FROM LICENSING OF A
SMALL HYDROELECTRIC PROJECT OF 5 MEGAWATTS OR LESS
(Issued June 30, 1981)

The Applicant 1/ filed an application for exemption from all or part of Part I of the Federal Power Act pursuant to 18 C.F.R. Part 4 SUBPART K (1980) implementing in part Section 408 of the Energy Security Act (Act) of 1980 for a project as described in the attached public notice. 2/ 3/

Notice of the application was published in accordance with Section 408 of the Act and the Commission's regulations and comments were requested from interested Federal and State agencies including the U. S. Fish and Wildlife Service and the State Fish and Wildlife Agency. All comments, protests and petitions to intervene that were filed have been considered. No agency has any objection relevant to issuance of this exemption.

Standard Article 2 included in this exemption, requires compliance with any terms and conditions that Federal or State fish and wildlife agencies have determined appropriate to prevent loss of, or damage to, fish and wildlife resources. The terms and conditions referred to in Article 2 are contained in any letters of comment by these agencies which have been forwarded to the Applicant in conjunction with this exemption.

Should the Applicant contest any terms or conditions that were proposed by Federal or State agencies in their letters of comment as being outside the scope of Article 2, the Commission shall determine whether the disputed terms or conditions are outside the scope of Article 2.

- 1/ Cogeneration, Inc., Project No. 4182, filed on February 11, 1981.
- 2/ Pub. Law 96-294, 94 Stat. 611. Section 408 of the ESA amends inter alia, Sections 405 and 408 of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. §§2705 and 2708).
- 3/ Authority to act on this matter is delegated to the Director, Office of Electric Power Regulation under 18 C.F.R. §375.308 (1980), as amended by 46 Fed. Reg. 14119 (1981).

DC-A-58

- 2 -

It is ordered that:

(A) The Shoshone Hydro Project No. 4182 as described and designated in Cogeneration, Inc.'s application filed on February 11, 1981, is exempted from all of the requirements of Part I of the Federal Power Act, including licensing, subject to the standard articles in §4.106 of the Commission's regulations, 18 C.F.R. §4.106 45 Fed. Reg. 76115 (November 18, 1980).

(B) This order is final unless a petition appealing it to the Commission is filed within 30 days from the date of its issuance, as provided in Section 1.7(d) of the Commission's regulations, 18 C.F.R. 1.7(d) (1979), as amended, 44 Fed. Reg. 46449 (1979). The filing of a petition appealing this order to the Commission or an application for rehearing as provided in section 313(a) of the Act does not operate as a stay of the effective date of this order, except as specifically ordered by the Commission.

(S E A L)

William W. Lindsay
William W. Lindsay
Director, Office of Electric
Power Regulation

OCT 20 1981

Department of Water Resources

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COPY



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

July 24, 1981

RE: Application for Permit No. 37-7911

Dear Applicant:

The 1981 Idaho Legislature made a change in Section 42-205, Idaho Code, that may affect the above referenced application. The change requires that if a proposed hydropower project will use existing irrigation facilities, the approval of the owner of the facilities must be obtained before an application for permit to develop a water right can be approved.

Please find enclosed an affidavit which we must receive before we can complete the review of your application. Please complete the affidavit, sign it before a notary, and return it to this office at your earliest convenience, no later than August 15, 1981.

Sincerely,

DAVID R. TUTHILL JR., P. E.
Supervisor, Water Allocation Section

DRT:jg

Enclosure

FILED

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET MECHAM, Bruce C.

INITIAL REVIEW BY: T.G. Blau

APPLICATION NUMBER: 37-7911

CHECK:

- ☒ Source.
☒ Point of diversion.
☒ County.
☒ Quantity of water and period of use.
☒ Description of diverting works.
☒ Time required for beneficial use of water.
☒ Place of use or acres irrigated.
☒ Map.
☒ Signature.

☒ Fee.

☒ Yes

☒ No

Field check required.

☒ Yes

☒ No

Critical groundwater area.

☒ Yes

☒ No

Request dam safety information. Sent by: _____

Date: _____

☒ Yes

☒ No*

In form to receipt.

Field check by: _____

Date: _____

Comments: _____

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT:

Facility Plan

Cost estimate

Financial Statement

Affidavit
Calculations

SEND COPIES TO:

- ☐ Idaho State Health Department.
☒ Idaho Fish and Game Department.
☐ Idaho Department of Lands.
☐ U.S. Bureau of Land Management.
☐ U.S. Forest Service.
☐ Other _____

Copies sent by: _____

Date: _____

marya

5/13/81

PROCESSING:

☒ Yes

☒ No

Platted by: ADM

Map No. AA23

☒ Yes

☐ No

Other rights on same place of use. _____

37-7863

☒ Yes

☐ No*

In form for advertising.

Final date for protests: 6/8/81

☐ Yes

☒ No

Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

☒ Affidavit of publication received. Date: 6/1/81

☒ Application published correctly. If not, record action taken: _____

☒ Fee amount, receipt date & number, recorded on application.

☒ Publication dates and paper, recorded on application.

☒ Protests, dates, withdrawal, etc., recorded on application.

☒ Recommendation & initial, recorded on application.

☒ Yes

☐ No

Measuring device required.

☐ Yes

☒ No

Access port required.

☒ Yes

☐ No

Will water be delivered by watermaster? If yes, what district? 37M

☒ Yes

☐ No

Date of priority recommended.

5/7/81

Special conditions of approval or cover letter. 01 E , 08A , 04 , 05

THIS PERMIT DOES NOT CONSTITUTE IDAHO PUBLIC UTILITIES COMMISSION
OR FEDERAL ENERGY REGULATORY COMMISSION APPROVAL THAT MAY BE REQUIRED.

By: ADM

Date: 6/4/81

STATE OFFICE REVIEW:

SW/LO2

01E

04

05

(37M)

Little Wood

DECISION

RECEIVED

DATE

6/10/81

6/10/81

☐ See attached sheet for more information.

By: T.G. Blau

Date: 6/10/81

JUN 23 1981

Key please acknowledge
Assignment in Approval letter (copy of paragraph
attached)

Department of Water Resources

Power Calculations for 37-7911

proposed

148 kW

60.0 cfs

40 ft

?

P = kW hp x .74

Q = cfs

H = ft

e = efficiency

$$e = \frac{P(11.8)}{HQ} = \frac{148(11.8)}{60 \times 40} = \frac{1746.4}{2400} = .73 \text{ or } 73\%$$

Based on the above calculations the proposed project would be at a 73% efficiency.

RC 6/10/81

RECEIVED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Southern Region

1041 Blue Lakes Blvd N.
Twin Falls, Idaho 83301
(208) 734-3578

MAY 13, 1981

Lincoln County Journal
P. O. Box 704
Shoshone, Idaho 83352

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. We have allowed ample time for you to submit a galley proof to this office for review before the first publication date. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before JUNE 8, 1981.

Yours truly,

Mary A. Hill
Secretary

Encl.

RECEIVED

NOTICE OF APPLICATION FOR WATER RIGHT

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho:

32-2911-

MECHAM, BRUCE C.

1509 NORTH JUNIPER, TWIN FALLS, ID 83301

Source: LITTLE WOOD RIVER tributary to MALAD RIVER

Date Filed: 05/07/1981

Amount: 60.00 CFS

Diversion Point: NENW Sec 33 T 05S R 17E, LINCOLN Co.

Use: POWER (60.00 CFS) from 01/01 to 12/31

Place of Use: NENE Sec 32 T 05S R 17E

Diversion Means: CHECK, CANAL & PENSTOCK.

If issued, the permit(s) will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 1041 Blue Lakes Blvd. North, Twin Falls, Idaho 83301 and received on or before JUNE 8, 1981.

A. KENNETH DUNN

Director

Published 5/21 & 5/28/81.

**NOTICE OF APPLICATION
FOR WATER RIGHT**

Notice is hereby given
that the following appli-
cation(s) have been sub-
mitted for permit to ap-
propriate the public waters
of the State of Idaho:

37-7911

MECHAM, BRUCE C.
1509 NORTH JUNIPER,
TWIN FALLS, ID 83301
Source: LITTLE WOOD
RIVER tributary to MALAD
RIVER

Date Filed: 05/07/1981

Amount: 60.00 CFS

Diversion Point: NENW Sec
33 T 05S R 17E, LINCOLN
Co.

Use: POWER (60.00 CFS)
from 01/01 to 12/31

Place of Use: NENE Sec 32
T 05S R 17E

Diversion Means: CHECK,
CANAL & PENSTOCK.

If issued, the permit(s)
will be subject to all prior
water rights. Protests again-
st the granting of any permit
must be filed with the Direc-
tor of the Idaho Department
of Water Resources, 1041
Blue Lakes Blvd. North,
Twin Falls, Idaho 83301 and
received on or before JUNE
8, 1981.

A. KENNETH DUNN
Director

Pub: 5-21, 28, 1981

FILED



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

C. Stephen Allred
Director

May 13, 1981

Mr. Bob Bell, Regional Fisheries Biologist
Idaho Fish & Game Department
Region #4
P. O. Box 428
Jerome, Idaho 83338

Re: Application for Permit No. 37-7911

Dear Mr. Bell:

Please find enclosed a copy of the above referenced application for permit for your information and files.

Sincerely,

Mary A. Hill
Secretary

for

Loren O. Holmes
Southern Region Supervisor

Encl:

RECORDED



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

C. Stephen Allred
Director

May 12, 1981

Bruce C. Mecham
1509 North Juniper
Twin Falls, Idaho 83301

Re: Application for Permit No. 37-7911

Dear Mr. Mecham:

This office is currently processing your Application for Permit No. 37-7911 filed on May 7, 1981.

Since the application seeks to establish a water right for power generating purposes, and it appears that a commercially marketable amount of power may be produced, the following information must be submitted for inclusion with your application in accordance with Section 42-202 of the IDAHO CODE:

- 1) A plan for the facility. This must include a scale drawing showing the proposed layout of the plant on the property, and must give approximate location, dimensions, and elevations of all major components of the facility.
- 2) An itemized estimate of the cost of constructing the facility.
- 3) A statement of the financial resources of the applicant and the means by which funds are to be provided for construction of the project. This information will be reviewed in confidence and returned to you.

Advertising and regional office review of the application should be completed by June 8, 1981. If the requested information is received by that date, no additional delay in processing will be incurred.

If you have any questions regarding these requirements, please contact me.

Sincerely,

TERRY G. BLAU
Senior Water Resource Agent

TGB:marya