

24
26 25

T.14N., R.3E., B.M.

Lot 1

Lot 2

Lot 3

Lot 4



S. 78°45'W. 130.5'
POINT OF
BEGINNING

CASCADE DAM SITE
AXIS OF DAM
S. 43°00'E. 44'
OUTLET
TUNNEL
SPILLWAY

N FORK
PAYETTE RIVER

S. 60°29'E. 481.5'
S. 66°08'E. 316.5'
N. 60°56'E. 120.0'

U.P. R.R. Relocation
N. 88°59'E. 330.0'
88' 58' 58' 121'

U.P. R.R. R/W.

SUBSTATION LAND
SEE 86216

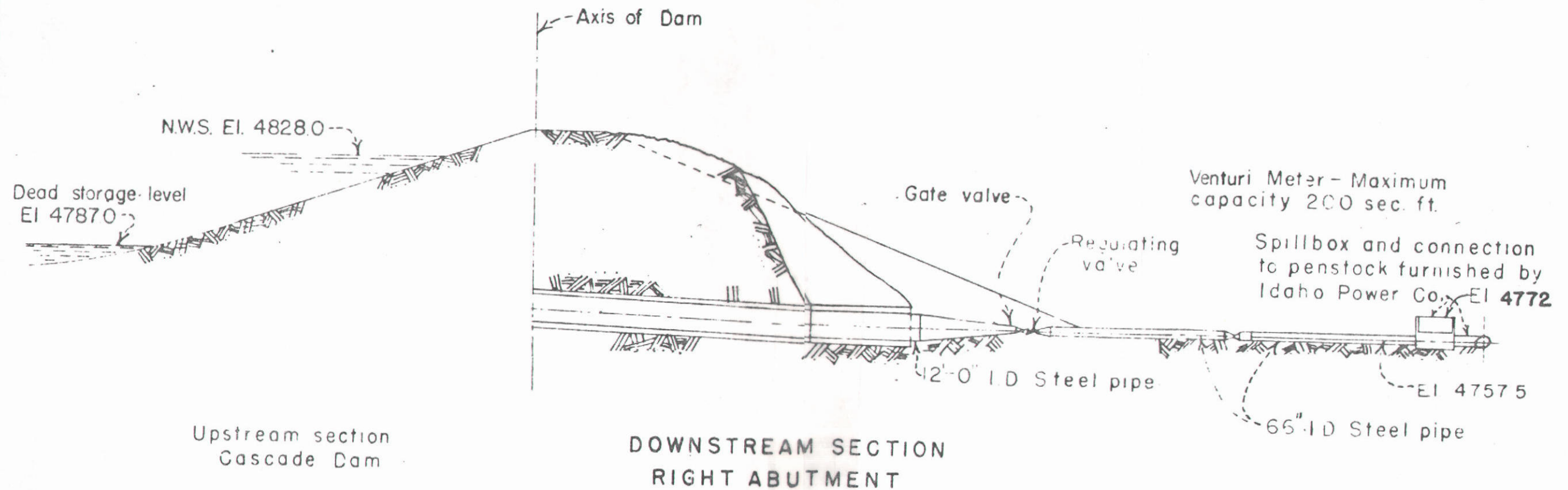
MICROFILMED

DRAWN	By	F.D.R.
TRACED	"	F.D.R.
CHECKED	"	
CORRECT	"	

CANAL & PLANT LAND
CASCADE, IDAHO
VALLEY COUNTY

IDAHO POWER COMPANY
BOISE IDAHO

Feb. 1947 Scale: 1" = 200' B 6811



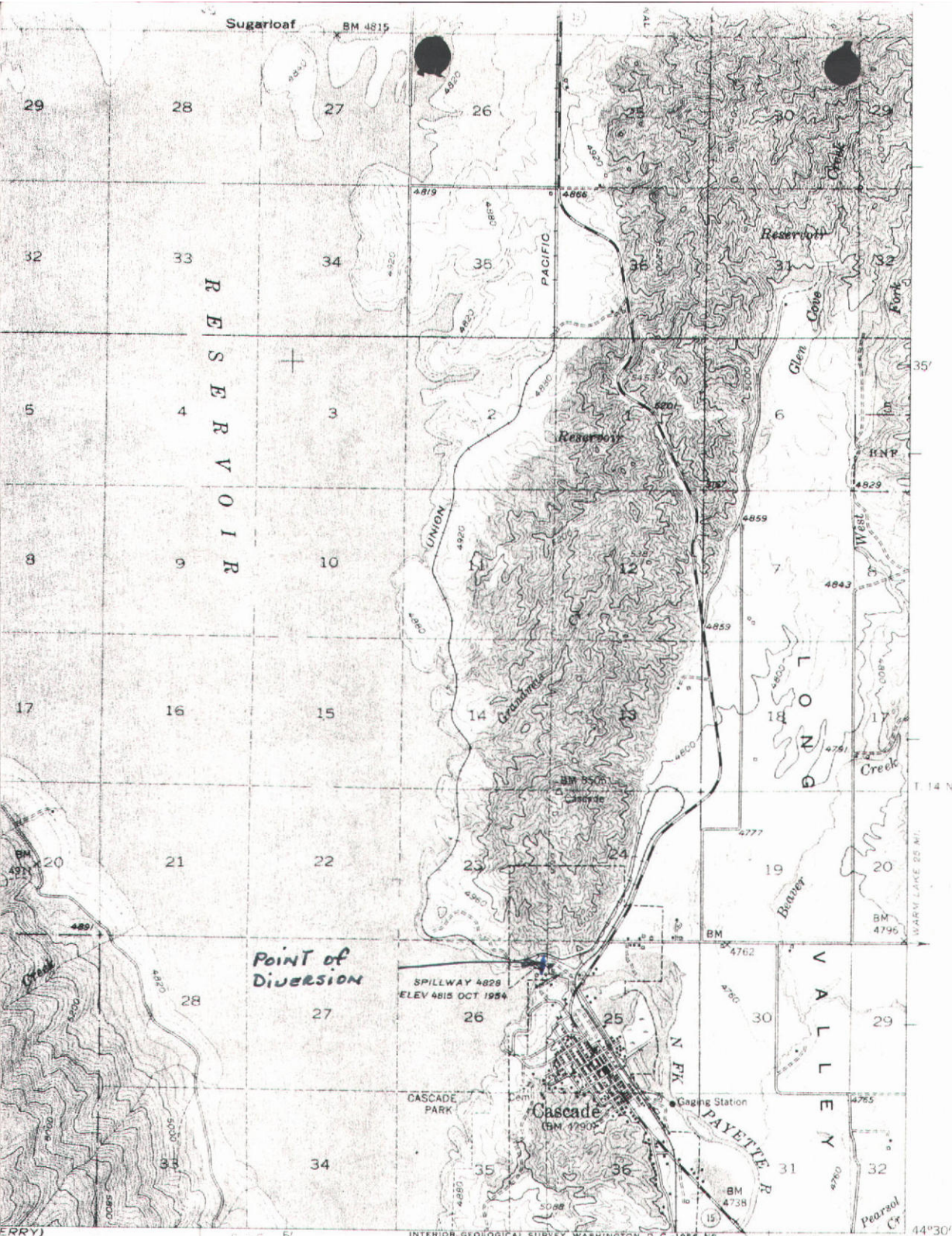
VIEW: LOOKING UPSTREAM ON NORTH FORK OF PAYETTE RIVER

0 50 100
SCALE of FEET

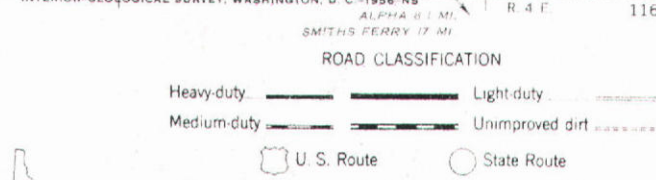
MICROFILMED

Revised 11-19-46
REVISED & R-2-46
RETRACED

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF RECLAMATION BOISE PROJECT-PAYETTE DIV CASCADE DAM DIAGRAM OF DIVERSION TO IDAHO POWER CO.	
DRAWN:	SUBMITTED:
TRACED:	RECOMMENDED:
CHECKED:	APPROVED:
1-B-38	DENVER, COLO., AUG 4, 1948 3-D-1711



MAP ACCURACY STANDARDS
R, DENVER, COLORADO OR WASHINGTON 25, D. C.
D SYMBOLS IS AVAILABLE ON REQUEST



CASCADE, IDAHO
N4430—W11600/15

1954

MICROFILMED

PUBLISHER'S AFFIDAVIT

STATE OF IDAHO]
]ss.
County of Valley]

Michael Parfit, being first duly sworn, deposes and says: That he is the publisher of The Star-News, a weekly newspaper published at McCall, in the County of Valley, State of Idaho; that said newspaper is in general circulation in the county of aforesaid and is a legal newspaper; that the advertisement, a copy of which is hereto attached, was published in said newspaper once a week for 10 consecutive weeks in the regular and entire issue of every number thereof during the period and time of publication, and was published in the newspaper proper and not in a supplement; and that publication of such notice began March 2, 1978, and ended March 9, 1978.

Michael Parfit
Subscribed and sworn to before me a Notary Public in and for the County of Valley, and the State of Idaho, this 9 day of March, 1978.

Debra N. Parfit Notary Public.

My commission expires Aug 1, 1981.

MICROFILMED

NOTICE OF APPLICATION
FOR WATER PERMIT

Notice is hereby given that IDAHO POWER COMPANY 1220 Idaho Street, Boise, ID has on February 21, 1978 submitted Application No. 65-12096 for a permit to appropriate 2,000 cubic feet per second of water from the North Fork of the Payette River trib. Snake River by means of steel penstocks and outlet structure within the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec 26 T14N-R3E B.M., Valley County to be used from Jan 1 to Dec 31 for power generation within the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec 26 T14N-R3E B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Director of the Idaho Department of Water Resources, 92 South Cole Road, Boise, Idaho 83705 on or before March 20, 1978.

C. STEPHEN ALLRED
Director

Published in the Star News, McCall, ID on March 2, 1978 and March 9, 1978.

OK
3-21-78
JH

RECEIVED

MAR 21 1978

Department of Water Resources
Western Regional Office

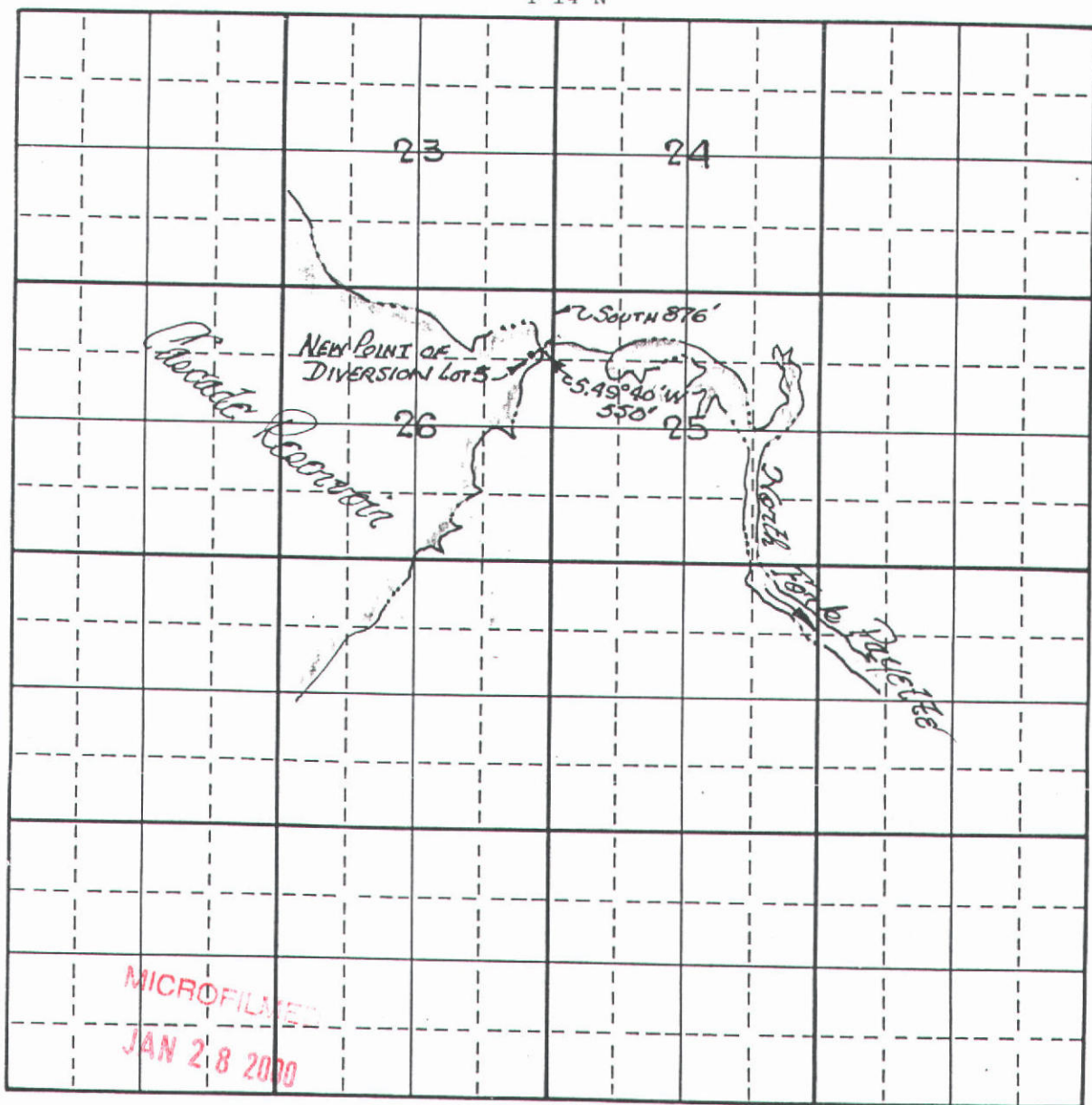
Describe the land, place of use to which the right will be transferred:

TWP.	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
14N	3E	26	X L5																
14N	3E	25					X L3												

Total number of acres to be irrigated _____

4. Describe any other water rights used for the same purpose as described above. See response to A 9 above.
5. Draw a map indicating the new point(s) of diversion and/or the new land to be irrigated. Show clearly the land involved by section, township and range number.

T 14 N



SCALE: 2 inches equal 1 mile. Draw plan in ink.

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MAR 02, 1979

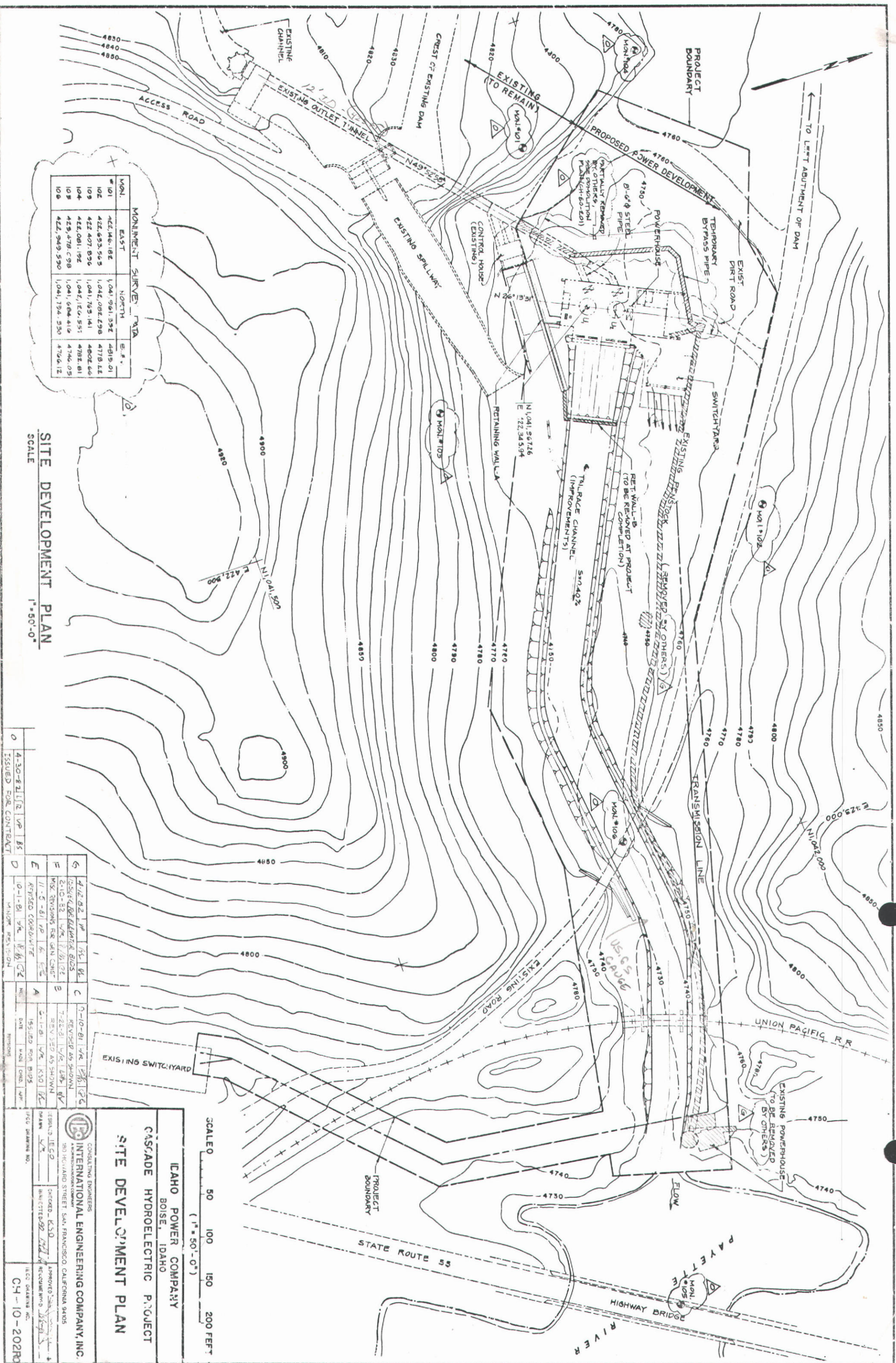
PROPOSED FINDING OF WATER RIGHTS - PAYETTE RIVER DRAINAGE
SOURCE: NORTH FORK, PAYETTE RIVER

PWR 131

INDICATES TOTAL

RIGHT NUMBER	NAME AND ADDRESS	PRIORITY DATE	USE	USE PERIOD FROM TO	MAX AMOUNT MAX RATE	DIVERSION POINT	PLACE OF USE AND ACREAGE	BASIS FOR RIGHT
65-2060	LAKE RESERVOIR COMPANY 114 NORTH 8TH, PAYETTE, IDAHO 83661 REMARKS: POINTS OF DIVERSION AND PLACES OF USE ARE THOSE OF EMMETT IRRIGATION, FARMER'S CO-OP, ENTERPRISE, LETHA, NOBEL DITCH, AND LOWER PAYETTE DITCH.	5/ 1/1907	IRRIGATION	3/15 11/15	--- AFA 3.00 CFS	*		LICENSE
65-3580	DAVIS, THOMAS J. CASCADE, IDAHO 83611	4/ 1/1917	IRRIGATION	4/15 10/15	--- AFA .84 CFS	LOT 2 S25 T14N R 3E	NESE(7) S25 T14N R 3E NWNW(37) S31 T14N R 4E *44*	BENEFICIAL USE
65-4031X	DAVIS, THOMAS J. CASCADE, IDAHO 83611	4/ 1/1917	IRRIGATION	4/15 10/15	--- AFA 2.50 CFS	LOT 2 S25 T14N R 3E	SESE(5) S13 T14N R 3E NENE(34) NWNE(23) SWNE(20) SENE(38) NESE(24) NWSE(25) SWSE(35) SESE(15) S24 T14N R 3E NENE(23) SENE(22) S25 T14N R 3E SWNW(38) SENW(40) NESW(40) NWSW(39) SWSW(38) SESW(29) S19 T14N R 4E NENW(39) SENW(39) NESW(40) SESW(28) S30 T14N R 4E *634*	BENEFICIAL USE
65-3784	NISSULA, RAY & NISSULA, PHYLLIS P. O. BOX 329, CASCADE, IDAHO 83611	4/ 1/1917	IRRIGATION	4/15 10/15	--- AFA .10 CFS	LOT 2 S25 T14N R 3E	LCT 1(4) LCT 2(1) S25 T14N R 3E *5*	BENEFICIAL USE
65-2232	IDAHO POWER COMPANY 1220 IDAHO STREET, BOISE, IDAHO 83706	12/ 3/1918	POWER	1/ 1 12/31	36135.00 AFA 50.00 CFS	LOT 1 S26 T14N R 3E	LGT2 S25 T14N R 3E	LICENSE
65-0593	BOISE CASCADE CORP. TIMBER & WOOD PRODUCTS DIV., 1010 JEFFERSON STREET, BOISE, IDAHO 83702	7/ 1/1921	INDUSTRIAL	1/ 1 12/31	82.56 AFA 2.67 CFS	NENE S36 T14N R 3E	NENE NWNE S36 T14N R 3E	BENEFICIAL USE

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JAN 28 2000



MONUMENT SURVEY DATA

MON.	EAST	NORTH	E. F.
101	422,146.182	1,041,981.392	4819.01
102	422,653.565	1,041,082.298	4719.12
103	422,407.896	1,041,765.141	4802.66
104	422,081.192	1,041,124.551	4782.81
105	423,478.798	1,041,684.416	4746.05
106	422,949.590	1,041,794.530	4766.12

SITE DEVELOPMENT PLAN
SCALE 1"=50'-0"

0	4-30-82	VP	BS	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
0	4-30-82	VP	BS	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
0	4-30-82	VP	BS	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
0	4-30-82	VP	BS	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
0	4-30-82	VP	BS	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
0	4-30-82	VP	BS	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
0	4-30-82	VP	BS	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
0	4-30-82	VP	BS	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
0	4-30-82	VP	BS	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
0	4-30-82	VP	BS	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
0	4-30-82	VP	BS	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
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0	4-30-82	VP	BS	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
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0	4-30-82	VP	BS	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
0	4-30-82	VP	BS	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
0	4-30-82	VP	BS	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
0	4-30-82	VP	BS	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
0	4-30-82	VP	BS	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X		

Idaho Power

THIS SHOWS - ABLE TO
HANDLE 2000 cts

APRIL 1, 1986

CASCADE STATION RECORDS NO. 1

HR OF DAY	GENERATOR NO. 1				GENERATOR NO. 2				TOTAL			MISC. VISUAL CHECKLIST																																																																																																																																																												
	GEN		DEP		GEN		DEP		GEN	DEP	NET																																																																																																																																																													
MDT	READING	MWH	READING	MWH	READING	MWH	READING	MWH			(DIFF)																																																																																																																																																													
16:00	1707	54	0051	0	2980	54	0041	0	108	0		AIR HOUSING & OIL HEAD																																																																																																																																																												
12:00	1653	28			2926	22			56		36	BATTERIES																																																																																																																																																												
08:00	1625	26			2848	26			52		42	MOTOR TEMPS																																																																																																																																																												
MDT	1599	54			2872	54			108		108	MAIN TRANSFORMER																																																																																																																																																												
TDY	0545		0051		2818		0041					AIR BLOWER FILTERS																																																																																																																																																												
PRV		162		0		162		0	324	0	324	DOMESTIC WATER CHLORINE																																																																																																																																																												
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		162				162			324		324	INSTRUMENT AIR TANK																																																																																																																																																												
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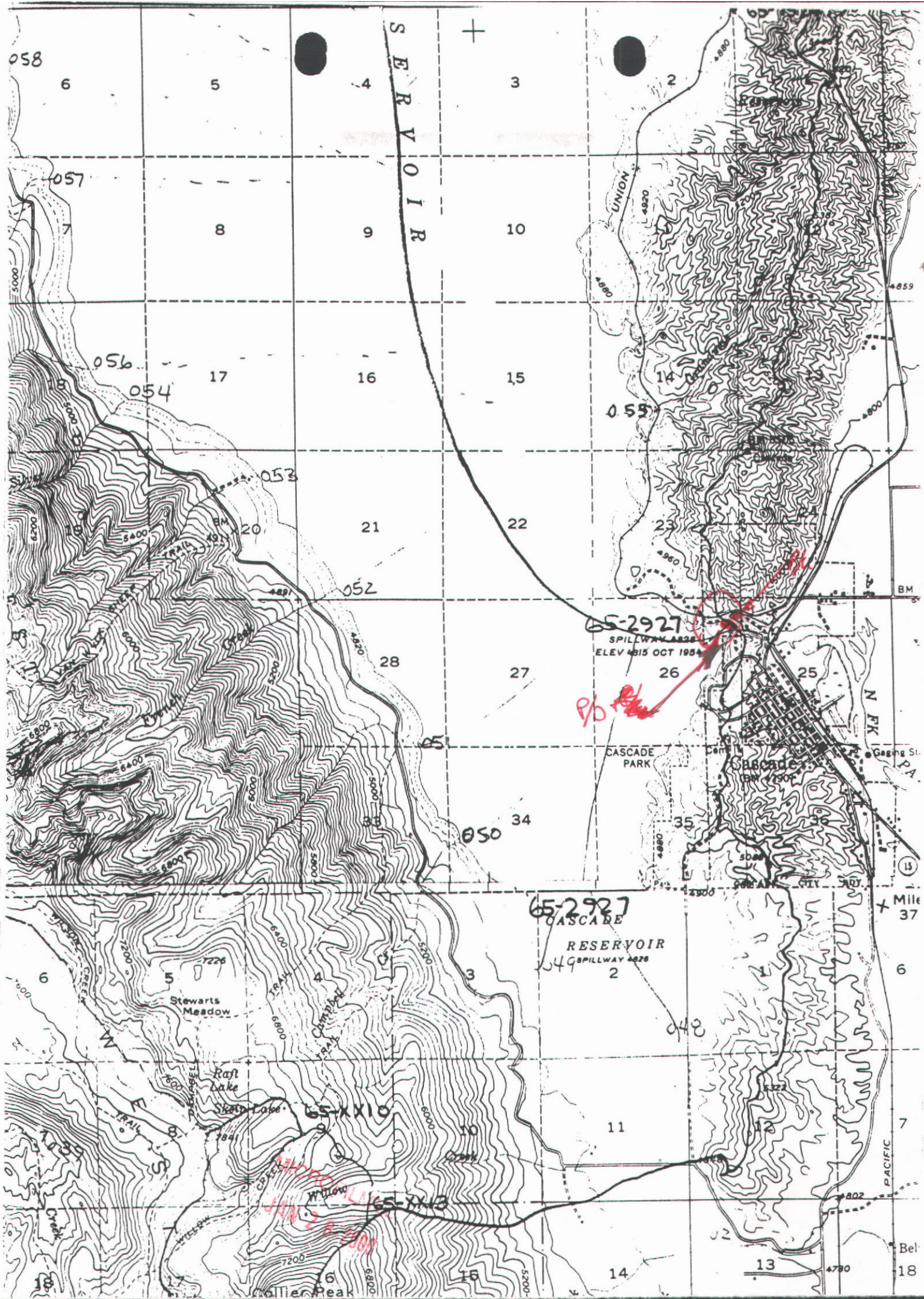
APRIL 18, 1986

CASCADE STATION RECORDS NO. 1

DATE	GENERATOR NO. 1				GENERATOR NO. 2				TOTAL			MISC. VISUAL CHECKLIST																																																																																																																																																																																																																																																								
	GEN	DEP	GEN	DEP	GEN	DEP	NET	(DIFF)	AIR HOUSING & OIL HEAD	BATTERIES	MOTOR TEMPS	MAIN TRANSFORMER	AIR BLOWER FILTERS	DOMESTIC WATER CHLORINE	SERVICE AIR TANK	INSTRUMENT AIR TANK																																																																																																																																																																																																																																																				
MDT	9129	53	6051	0	5703	53	6041	0	106	0	106																																																																																																																																																																																																																																																									
16:00	9376	28			5650	26			54		54																																																																																																																																																																																																																																																									
12:00	9345	25			5624	27			52		52																																																																																																																																																																																																																																																									
08:00	9323	53			5597	53			106		106																																																																																																																																																																																																																																																									
MDT	9370		6051		5544		6041																																																																																																																																																																																																																																																													
TDY		159		0		159		0	318	0	318																																																																																																																																																																																																																																																									
PRV		3125		0		3125		0	5431	0	5431																																																																																																																																																																																																																																																									
MTH		2834				2834			5769		5769																																																																																																																																																																																																																																																									
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MICROFILMED
JAN 28 2000

HR OF DAY	GENERATOR NO. 1				GENERATOR NO. 2				TO			MISC. VISUAL CHECKLIST								
	GEN		DEP		GEN		DEP		GEN	DEP	NET	AIR HOUSING & OIL HEAD								
DAY	READING	MWH	READING	MWH	READING	MWH	READING	MWH			(DIFF)	BATTERIES								
MDT	6716	0	0053	0	3042	48	0041	0	48			MOTOR TEMPS								
16:00	6716	0			2994	21			24			MAIN TRANSFORMER								
12:00	6716	12			2970	12			24			AIR BLOWER FILTERS								
08:00	6704	48		0	2958	0		0	48			DOMESTIC WATER CHLORINE								
MDT	6656		0053		2958		0041					SERVICE AIR TANK								
TDY		60				84			144			INSTRUMENT AIR TANK								
PRV		1014				462			1476											
MTH		1074				546			1620											
GENERATOR												GEN. FIELD				GENERATOR				
VOLTS				AMPS		VOLTS				AMPS		VAR'S								
1		2		1		2		1		2		1		2						
16:00	4/50				830		83				350									
12:00	4/30				850		90				380		+1.4							
08:00	4/20				830		95				380		+1.7							
MAX																				
TRANSFORMER												COMPRESSOR		TODAY		PREV.		DIFF.		
WDG				OIL		TK. PRES.		LN. PRES.		LEVEL		ST. AIR NO.1		503.7		503.7				
16:00													ST. AIR NO.2		512.0		510.8		1.2	
12:00													BLOWER 1		53.4		53.4		0.0	
08:00	70				52		560		3.0		OK		2		148.2		134.7		13.5	
MAX													3		31.6		31.6		0.0	
W-K READINGS & D.O.												4		108.5		108.5		0.0		
HEAD		TAIL		NET		FLOW AT UNITS				D.O.		SWITCHYARD OCB'S				4.16				
						1		2				LINE AMPS		SW. COUNTER		SW. MECH. PR.		BUS		
16:00							0		1050		6.4		MC CALL		EMMETT		MC CALL		EMMETT	
12:00							0		1050		6.7		45		20				4/50	
08:00							1050		0		8.3		38		20				4/50	
MAX													43		60		501		514	
UNIT STATUS		GEN. NO. 1			GEN. NO. 2			LOCAL SERVICE				CASCADE RESERVOIR								
		TODAY		PREV		MTH		TODAY		PREV		MTH		MAIN		ELEVATION		FEED		
GENERATED		10:22		359:12		369:34		13:40		192:47		206:27		TODAY		1294		STORAGE		
DEPRESSED														PREVIOUS		1293		RIVER TEMP.		
RESV. OUT		13:32				13:32		10:20		359:11		369:31		TOTAL TODAY		X1.6		USBR RIVER FLOW		
PLAN OUT														PREV. TOT.		51.2		IN FLOW		
MAINT. OUT														TOT. TO DATE		52.8		PLANT MAX. GEN. FOR MTH.		
FORCED OUT				192:48		192:48				00:02		00:02								
TOTAL		24:00		552:00		576:00		24:00		552:00		576:00		FROM		GEN		LINE		
TIME		REMARKS										TODAY		24:00						
MDT		UNIT # 1 generating Unit # 2										PREV		551:57		00:03				
		Fin Reserve flow = 1050 cfs.										TOTAL TO DATE		575:57		00:03				
00:04		General Alarm D.O. Below 5 PPM																		
00:20		General Alarm cleared by Dabey																		
10:20		Unit # 2 4.16 Kv PCB Closed by Dabey																		
10:22		Unit # 1 4.16 Kv PCB Opened by Dabey																		
20:29		General Alarm air blower failure																		
20:38		General Alarm cleared by Dabey																		

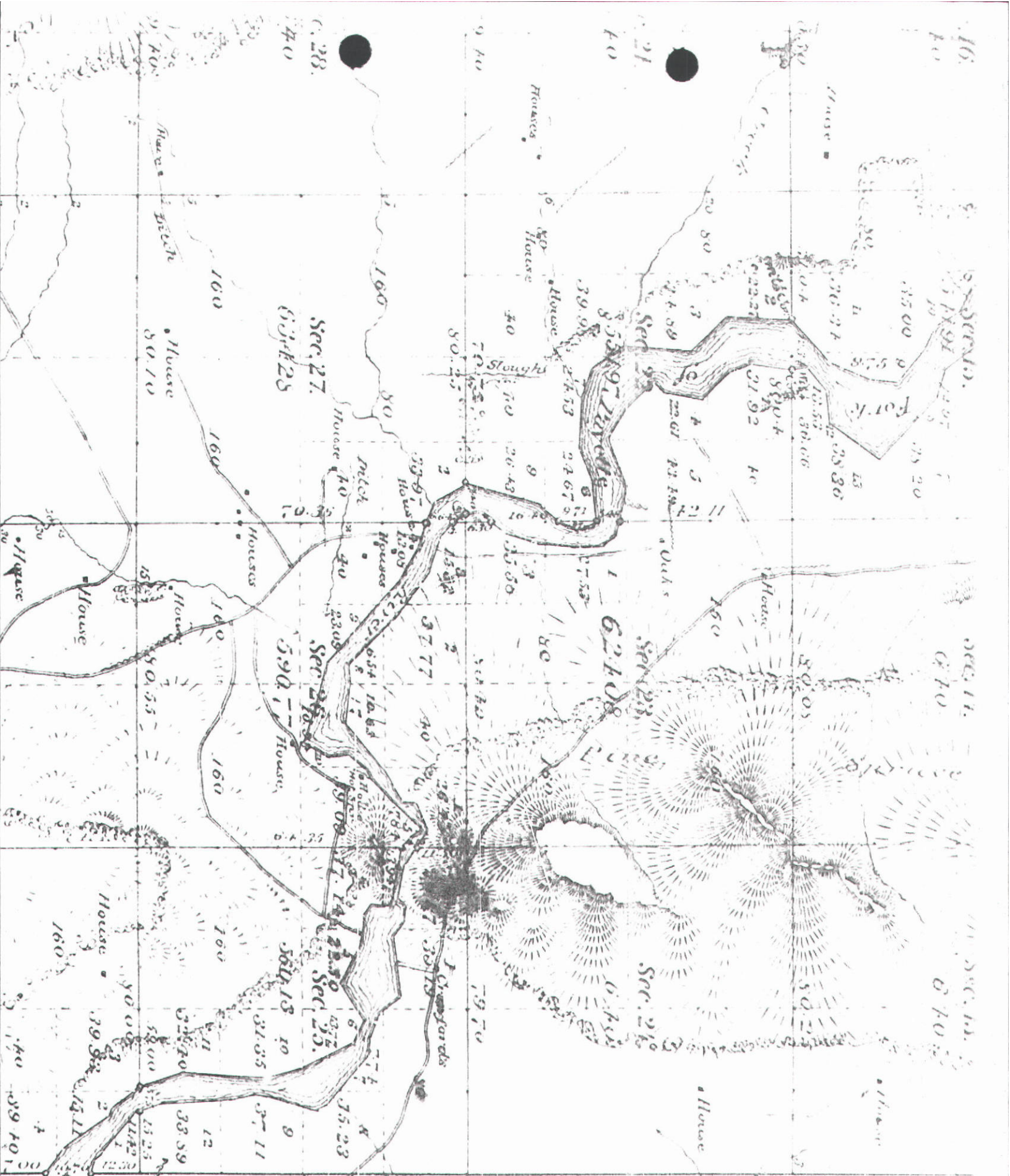


65-12096-226



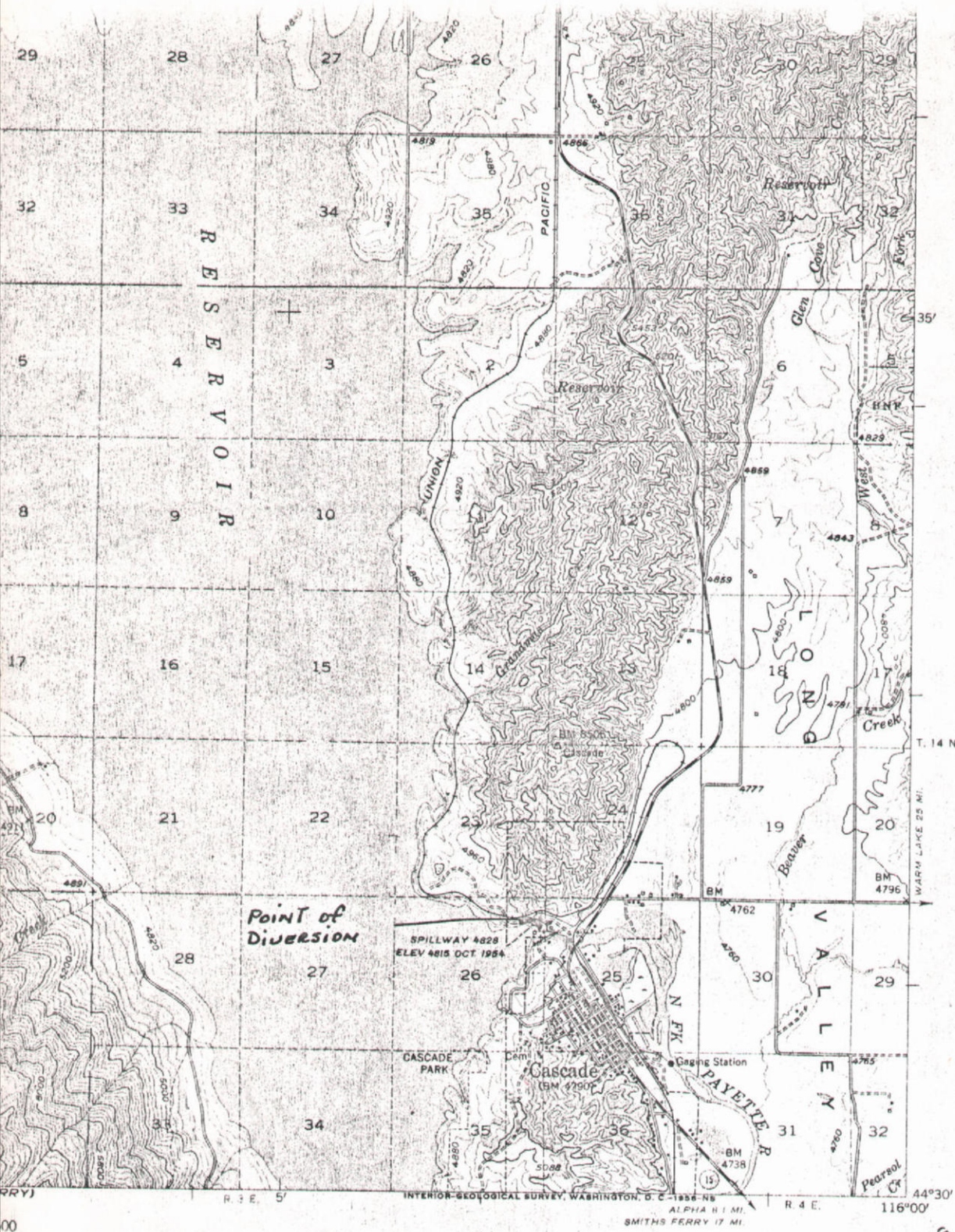
MICROFILMED
JAN 28 2000

65-12096

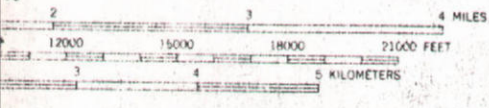


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JAN 28 2000

14N - 3E



MICROFILMED



ROAD CLASSIFICATION

Heavy-duty	—————	Light-duty	—————
Medium-duty	—————	Unimproved dirt	—————
U. S. Route		State Route	



CASCADE, IDAHO
N 4430—W 11600/15

1954

MAP ACCURACY STANDARDS
DENVER, COLORADO OR WASHINGTON 25, D. C.
SYMBOLS IS AVAILABLE ON REQUEST

State of Idaho
Department of Water Resources
Water Right License

AMENDED

AMENDED

WATER RIGHT NO. 65-12096

Priority: February 21, 1978

Maximum Diversion Rate: 2000.00 CFS

Maximum Diversion Volume: 642000.0 AF

This is to certify, that IDAHO POWER CO

PO BOX 70

BOISE ID 83707

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated February 21, 1978; and has submitted Proof of Beneficial Use on October 19, 1984. An examination indicates that the works have a diversion capacity of 2350.000 cfs of water from:

PAYETTE RIVER, NORTH FORK

tributary to **PAYETTE RIVER**

source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
POWER	01/01 to 12/31	2000.00 CFS	642000.0 AF

LOCATION OF POINT(S) OF DIVERSION: Lot 5 (NENE), Sec. 26, Township 14N, Range 03E
VALLEY County

PLACE OF USE: POWER

TWN RGE SEC

14N 03E 26 Lot 5 (NENE)

CONDITIONS OF APPROVAL AND REMARKS

1. This right does not constitute Idaho Public Utilities Commission or Federal Energy Regulatory Commission approval that may be required.
2. Use of water under this right shall be non-consumptive.
3. 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.
4. Use of water under this water right will be regulated by the watermaster of State Water District No. 65.
5. 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.
6. The issuance of this right does not grant any right-of-way or easement across the land of another.

MICROFILMED
JAN 28 2000

State of Idaho
Department of Water Resources

Water Right License

AMENDED

AMENDED

WATER RIGHT NO. 65-12096

CONDITIONS OF APPROVAL AND REMARKS

7. Rights 65-02232, 65-02338A and 65-02338X are also diverted through the point of diversion described above.
8. The hydropower facility is known as Cascade Hydroelectric Project.
9. Rights 65-02232, 65-02338A, 65-02338X and 65-12096 when combined shall not exceed a total daily maximum diversion volume of 4356 acre feet.

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 administered in accordance with Idaho law and applicable rules of the Department of Water Resources. Signed and sealed this 14th day of JANUARY, 2000.

Acting for


KARL J. DREHER, Director

MICROFILMED
JAN 28 2000

IN THE MATTER OF WATER RIGHT)
 LICENSE NO. 65-12096 IN THE NAME) **ORDER GRANTING PETITION**
 OF IDAHO POWER CO.) **FOR RECONSIDERATION**
 _____)

FINDINGS OF FACT

- Any party may file a petition for reconsideration of this preliminary order with the hearing officer issuing the order within fourteen (14) days of the service date of this order. The hearing officer issuing this order will dispose of the petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law.

- MICROFILMED
JAN 22 2000

6. The Department received a facsimile transmission of a petition for reconsideration of the order (petition) from James C. Tucker, the attorney for the right holder. The certificate of service printed on the petition indicates that it was sent by fax and by regular mail on November 23, 1999, *fourteen* days after service date of the order. The Department stamped the petition as received on Wednesday, November 24, 1999, *fifteen* days after the service date of the order.
7. The Department has not received the original petition.
8. As indicated in the petition, the right holder seeks reconsideration of approval condition no. 7 listed on the license.

CONCLUSIONS OF LAW

1. The petition may or may not have been filed timely in accordance with Rule 730.02.a. of the Department's Rules of Procedure (IDAPA 37.01.01.730.02.a.).
2. In the absence of further evidence demonstrating that the petition was not filed timely, it is reasonable for the Department to regard the petition as timely.
3. The Department should grant the petition to provide an opportunity for evaluating the changes requested by the right holder.

ORDER

IT IS HEREBY ORDERED that the petition for reconsideration of the preliminary order issuing Water Right License No 65-12096 is **GRANTED** pursuant to §67-5243, *Idaho Code*, to provide the Department an opportunity to evaluate the changes requested by the right holder.

IT IS FURTHER HEREBY ORDERED that the Department retains jurisdiction to re-evaluate the timeliness of the petition if additional relevant evidence is presented.

Dated this 30TH day of NOVEMBER, 1999.


NORMAN C. YOUNG
Administrator, Water Management Division

State of Idaho
Department of Water Resources
Water Right License

WATER RIGHT NO. 65-12096

Priority: February 21, 1978 Maximum Diversion Rate: 2000.00 CFS
Maximum Diversion Volume: 642000.0 AF

This is to certify, that IDAHO POWER CO
PO BOX 70
BOISE ID 83707

has complied with the terms and conditions
of the permit, issued pursuant to Application for Permit dated February 21, 1978; and
has submitted Proof of Beneficial Use on October 19, 1984. An examination indicates
that the works have a diversion capacity of 2350.000 cfs of water from:

PAYETTE RIVER, NORTH FORK tributary to PAYETTE RIVER

source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
POWER	01/01 to 12/31	2000.00 CFS	642000.0 AF

LOCATION OF POINT(S) OF DIVERSION: Lot 5(NENE), Sec. 26, Township 14N, Range 03E
VALLEY County

PLACE OF USE: POWER

TWN RGE SEC

14N 03E 26 Lot 5(NENE)

CONDITIONS OF APPROVAL AND REMARKS

1. This right does not constitute Idaho Public Utilities Commission or Federal Energy Regulatory Commission approval that may be required.
2. Use of water under this right shall be non-consumptive.
3. 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.
4. Use of water under this water right will be regulated by the watermaster of State Water District No. 65.
5. 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.
6. The issuance of this right does not grant any right-of-way or easement across the land of another.

MICROFILMED
JAN 28 1986

State of Idaho
Department of Water Resources**Water Right License**

WATER RIGHT NO. 65-12096

CONDITIONS OF APPROVAL AND REMARKS

7. The diversion and use of water for hydropower purposes under this license is subject to review by the Director after the date of expiration of license 2848 issued by the Federal Energy Regulatory Commission. 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.
8. Rights 65-02232, 65-02338A and 65-02338X are also diverted through the point of diversion described above.
9. The hydropower facility is known as Cascade Hydroelectric Project.
10. Rights 65-02232, 65-02338A, 65-02338X and 65-12096 when combined shall not exceed a total daily maximum diversion volume of 4356 acre feet.

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 administered in accordance with Idaho law and applicable rules of the Department of Water Resources. Signed and sealed this 8th day of NOVEMBER, 1999.

SUPERSEDED_____
Acting for KARL J. DREHER, Director

MICROFILMED

JAN 28 2000

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. 65-12096

Name(s) of Permit Holder Idaho Power Company

Post Office Address: P O Box 70, 1220 Idaho Street

Boise, Idaho 83707 Tel. No. 383-2678

Source of Water. North Fork Payette River

Extent of Use

☐ Domestic	(number of households)
☐ Stockwater	(number and type of stock)
☐ Irrigation	(acres)
☒ Other	<u>Power generation</u>

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

Oct 16 1984

Date

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C. E. Biswell

Signature of Permit Holder

Idaho Power Company

P O Box 70

Boise, Idaho 83707



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OCT 19 1984

IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

Department of Water Resources

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For Office Use Only
Fee Received <u>15.00</u>
Date <u>3-21-83</u>
Receipt # <u>26410</u>

RECEIVEDSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

MAR 17 1983

REQUEST FOR EXTENSION OF TIME

Department of Water Resources
To provide additional time in which to submit
proof of beneficial use on a water right permit

~~Cliff E. Bissell~~ of
Idaho Power Company

(Name)

1220 Idaho Street
of P O Box 70, Boise, Idaho 83707

(Address)

State of Idaho, deposes and saysThat he is the holder, or the duly authorized agent of the holder*, of Permit to Appropriate the Public Water of
the State of Idaho No 65-12096That under the terms and conditions of said permit, work thereunder was required to be completed on or before
May 1, 19 83.That he has heretofore performed the following work described under said permit. Excavation and first
(This must be filled out! If no work has been completed put none)stage concrete for the new powerhouse is complete. The penstock is connectedfrom the U S Bureau of Reclamation penstock to the new powerhouse. Equipmentinstallation and concrete work to complete development is underway. Site con-struction commenced 10/5/81.Costing \$ 11,154,541.86 (1/31/83)

That he is unable to complete the remainder of the work within the required time for the following reasons, to-wit:

The Company could not start construction of the project until we received therequired license from the Federal Energy Regulatory Commission. That licensewas issued on February 17, 1981. On April 8, 1981, we received the permit fromyour department. Site construction on this project commenced on October 5, 1981.Wherefore, he asks that the Department of Water Resources extend the time for the completion of obligations
under said permit to May 1, 19 88
(1 yr. minimum, 5 yrs maximum)

NOTE
AS OF JULY 1 1980,
THERE IS A \$15.00
CHARGE FOR REQUESTS
FOR EXTENSION OF
TIME

Idaho Power Company

by C. E. Bissell

(Signature)*

*IF OTHER THAN HOLDER, Power of Attorney must be supplied

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCESIT IS HEREBY ORDERED that the above application for extension of time be APPROVED and the time within
which to submit the statement of beneficial use is extended to May 1, 1988.Signed this 23rd day of March, 19 83.J. Glen Saylor
Chief, Operations Bureau

24
26 25

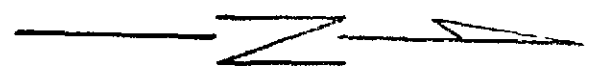
T 14 N. R. 3 E, B.M.

Lot 1

Lot 2

Lot 3

Lot 4



U.S.R.S.
POINT OF
BEGINNING
S 78°45'W 130.5'

CASCADE DAM SITE
AXIS OF DAM
S 43°00'E
OUTLET
TUNNEL
SPILLWAY

N FORK
PARETTE RIVER

S 60°29'E 481.5'
S 66°08'E 316.5'
N 60°58'E 120.0'

88' 58' 58' 121'

U.P. R.R. Relocation
N 88°59'E 330.0'

U.P. R.R. R/W.

SUBSTATION LAND
SEE B6216

DRAWN	BY	F.D.R.
TRACED	"	F.D.R.
CHECKED	"	
CORRECT	"	

CANAL & PLANT LAND
CASCADE, IDAHO
VALLEY COUNTY
IDAHO POWER COMPANY
BOISE IDAHO
Feb. 1947 Scale: 1"=200' B 6811

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

Cascade Project
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AUG 14 1981

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

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.

C. E. Bissell
Applicant VICE PRES- POWER OPNS

State of Idaho
County of Ada } ss.

On this 11th 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.

Julie A. Ryan
Notary Public residing at

seal

Boise, Idaho

My commission expires:

10-25-82

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

Symbol & No. 174r-484

Cascade Dam, Boise Project
Idaho

CONTRACT FOR FURNISHING FALLING WATER TO THE CASCADE
HYDRO PLANT OF THE IDAHO POWER COMPANY

THIS CONTRACT, Made this 26 day of February, 1947, in pursuance of the Act of Congress approved June 17, 1902 (32 Stat. 383) and the Act of August 4, 1939 (53 Stat. 1187) and acts amendatory thereof or supplementary thereto, known as the Federal Reclamation Law, between THE UNITED STATES OF AMERICA, hereinafter styled the United States, represented by the officer executing this contract, his duly appointed successor or his duly authorized representative, hereinafter styled the Contracting Officer, and the IDAHO POWER COMPANY, a corporation duly organized, created, and existing under and by virtue of the laws of the State of Maine, hereinafter styled the Contractor, its successors and assigns:

WITNESSETH, That:

2. WHEREAS, the Contractor owns a hydro-electric generating plant, including diversion works and penstock, herein referred to as the Cascade Hydro Plant, situated on the North Fork of the Payette River near Cascade, Idaho, and operates said Cascade Hydro Plant at a head of thirty (30) feet and under State of Idaho water licenses to divert two hundred (200) cubic feet of water per second from said North Fork of the Payette River; and

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MAY 1 1947

3. WHEREAS, the United States proposes to construct a dam, herein referred to as Cascade Dam, on the North Fork of the Payette River and upstream from the Cascade Hydro Plant, the construction of which dam will necessitate the relocation of the present diversion works of the Cascade Hydro Plant, and part of the penstock and appurtenances;

4. NOW, THEREFORE, in consideration of the mutual covenants herein contained, the parties hereto agree as follows, to-wit:

5. (a) If and when the progress of construction of said proposed Cascade Dam shall interfere with or destroy the usefulness of the Contractor's present diversion works at its Cascade Hydro Plant, the United States, prior to such interference or destruction, and at its own cost and expense, will provide a pipe of approximately sixty-six (66) inches inside diameter, connected to the downstream end of the discharge tunnel through Cascade Dam and extending in a straight line to a spillbox to be provided by the Contractor with a connection to the presently existing facilities of the Contractor on the left (northeasterly) bank of the North Fork of the Payette River, said pipe to be provided with a shut-off valve, a venturi meter, and a regulating valve set to discharge and discharging at all times approximately two hundred (200) cubic feet of water per second, all as shown on the print of drawing marked S-E-1711, attached hereto and made a part hereof and identified as "Exhibit "A"; Provided, that the flow of water herein specified may be reduced temporarily from time to time by mutual agreement of the Contracting Officer and

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Contractor to an amount adequate for the Contractor's load requirements, but this shall not be construed to mean a daily regulation by the United States. Subject to the provisions of this article, the United States will have complete control of and during the life of this contract will operate and maintain the aforesaid pipe, venturi meter, and valves: Provided further, however, that nothing in this contract contained shall be construed to bind the United States to begin, continue, or complete the construction of said Cascade Dam.

(b) The United States, in addition to all the other rights given to it hereunder, shall have the right at any time after beginning the construction of the dam, upon not less than fifteen (15) days' written notice to the Contractor, to reduce in part or in its entirety the 200 c.f.s. flow of water herein provided for without regard to the needs of the Contractor, upon condition that the United States at the time of and during the continuance of such reduction, and at its own cost, shall have available and deliver to the Contractor (1) at its Emmett substation from the energy reserved by the United States for operation and construction of Owyhee Dam from power produced at the Government's Black Canyon Power Plant or (2) at its Emmett substation or at its Cascade Hydro Plant from power or facilities to be developed and constructed in the future by the United States, a continuous supply of electric energy equivalent to the amount which could be generated by the Contractor with the amount and flow of water for which such electric energy is substituted, and when delivered at

Emmett, an additional two (2) per cent of such energy will be furnished by the United States to cover losses and use of the Company's line between the point of delivery and the Cascade Hydro Plant of the Contractor. The electrical energy to be furnished in lieu of falling water called for in this contract shall be made available when required as aforesaid, and shall be three-phase, sixty cycle and at a voltage, which under (1) above shall be the voltage at which Contractor's transmission line is operated and under (2) above, when delivered at the Emmett substation shall be the voltage at which Contractor's transmission line is operated, and when delivered at the Cascade Hydro Plant, at the option of the Contractor, shall be equivalent to either the voltage of the Contractor's generating equipment or the voltage at which the Contractor's transmission lines are operated, but such option can be exercised only once and must be exercised when such substituted electric energy is made available, as aforesaid, to the Contractor for the first time. The United States shall notify the Contractor in writing not less than fifteen (15) days [sixty (60)] days, if the period of the reduction has equaled or exceeded twelve months in advance of its intention to restore the flow of water whenever reduced as aforesaid, in accordance with the above provisions. It is expressly and distinctly understood and agreed that nothing herein contained shall be understood or construed to mean that the Contractor waives or surrenders any of the water rights which it owns and holds on the North Fork of the Payette River. Delivery of said substitute energy hereunder at a point other than the Emmett substation shall be optional with the United States. The exercise by the United States of its right to reduce or curtail the flow of water pursuant to the provisions of this section (b) shall not operate to reduce the payments to be made by the Contractor pursuant to the provisions of Article 7 hereof.

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6. The Contractor will provide and maintain a spillbox and other facilities at the discharge end of said pipe and will connect same to its penstock.

7. (a) Upon completion of the works described in Article 5 hereof, and availability of the same to it, the Contractor shall pay the United States annually for the reduction in operating labor resulting from the delivery of trash-free water, for increased operating head of five (5) feet (to elevation 4772) and for the continuous delivery in accordance with the provisions of this contract of the 200 c.f.s. of water for which the Contractor has water right, a payment of two thousand dollars (\$2000), payable as provided in Article 8.

(b) Should the Contractor at any time find it desirable to reconstruct its plant or other facilities so as to take advantage of the full operating head or any increased operating head above elevation 4772, made possible as a result of the construction of the Cascade Dam and reservoir, then the Contractor shall compensate the United States, in addition to the payment set forth in Article 7(a) above, in accordance with the benefit to be derived by the Contractor, as mutually to be agreed upon at the time negotiations therefor are entered into.

8. The United States will submit bills to the Contractor on or before the tenth day of the month following the close of each calendar year, or fractional part thereof at the beginning or end of the contract period, to cover the charges set forth in Article 7 above, and payments will be due and payable by the Contractor on the first day of the month immediately succeeding the date each bill is submitted. If the Contractor

fails to pay any bill when due, an interest charge of one per cent (1%) of the amount unpaid shall be added thereto as liquidated damages, and, thereafter, as further liquidated damages, an additional interest charge of one per cent (1%) of the principal sum unpaid shall be added on the first day of each succeeding calendar month until the amount due, including interest, is paid in full.

9. In the event that and when the United States shall acquire fee simple title to the land described below, the United States will convey to the Contractor on the form of easement attached hereto, made a part hereof, and identified as Exhibit "B", for the sum of one dollar (\$1.00) a perpetual easement to construct, reconstruct, operate and maintain a pipe line and other power facilities in connection therewith upon and across the following described lands:

A tract of land containing three and 55/100 (3.55) acres, more or less, being portions of lot two (2) of section twenty-five (25) and lot one (1) of section twenty-six (26), township fourteen (14) north, range three (3) east, Boise meridian, and more particularly described as follows:

A strip of land two hundred (200) feet in width, lying between two parallel lines 100 feet on either side, measured at right angles or radially, from the center line of the existing Idaho Northern Branch of the Oregon Short Line Railroad (Union Pacific Railroad Company) described as follows: Beginning at a point where the center line intersects the south boundary of lot 2 of section 25, which point is east 530 feet and south 1055 feet from the northwest corner of said section 25; thence northwesterly along the arc of an 8 degree curve to the left 56 feet to the point of spiral curve; thence along a 1°40' spiral curve to the left having seven 17-foot chords 119 feet; thence north 57°30' west 427.0 feet; thence along a 9°10' spiral curve to the left having ten 18-foot chords 70.5 feet to a point in the west boundary of said section 25, which point is south 672.3 feet from the northwest corner of said section 25; thence along the

same spiral curve to the left 102.1 feet to a point which is approximately engineer's railroad station 5280/00 which point is south 620 feet and west 80 feet from the northwest corner of said section 25, said parallel lines being extended or foreshortened so as to intersect the south boundary of said lot two (2);

Provided, however, that the said pipe line and other power facilities, or the use of said easement, shall not interfere in any way with the construction, reconstruction, operation and maintenance of Cascade Dam and Reservoir by the United States, its successors and assigns.

10. When and if the work to be performed and the facilities to be provided hereunder have been completed and placed in operation by the United States the Contractor accepts this contract and such work and facilities in full settlement for all loss and damage of whatever nature or kind resulting to the Contractor, its successors and assigns, including the future owners and operators of the said Cascade Hydro Plant from the construction of the said Cascade Dam.

11. This agreement shall become effective upon the date of its execution and shall remain in full force and effect until such time that the Contractor desires to cancel the same and shall have released, acquitted and discharged the United States of any further obligation whatsoever to furnish the water, pipe and other facilities mentioned in Article 5 hereof, or until such time that the United States desires to cancel the same and at its own expense shall have provided a substitute arrangement for the supply of said water which is satisfactory to the Contractor.

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12. No voluntary transfer of this contract or the rights hereunder shall be made without the written approval of the Secretary of the Interior and any successor or assignee of the rights of the Contractor, whether by voluntary transfer, judicial sale, foreclosure sale, or otherwise, shall be subject to all the provisions and conditions of this contract to the same extent as though such successor or assignee were the original contractor hereunder:

Provided, that the execution of a mortgage or trust deed, or judicial or foreclosure sale made thereunder, shall not be deemed a "voluntary transfer" within the meaning of this article.

13. Neither party shall be considered to be in default with respect to any obligations hereunder, if prevented from fulfilling such obligation by reason of uncontrollable forces, the term "uncontrollable forces" being deemed for the purpose of this contract to mean any cause beyond the control of the party affected, including, but not limited to, inadequacy of water for the generation of electric energy, failure of facilities, flood, earthquake, storm, lightning, fire, epidemic, war, riot, civil disturbance, labor disturbance, sabotage, and restraint by court order or decree, which, by exercise of due diligence and foresight, such party could not reasonably have been expected to avoid. Either party rendered unable to fulfill any obligation by reason of uncontrollable forces shall exercise due diligence in removing such inability with all reasonable dispatch.

14. Any waiver at any time by either party hereto of its rights with respect to a default or with respect to any other matter arising in connection with this contract shall not be deemed to be a waiver with respect to any subsequent default or matter.

15. Any notice, demand, or request required or authorized by this contract shall be deemed properly given if mailed, postage prepaid, to the Regional Director, Bureau of Reclamation, Boise, Idaho, on behalf of the United States, except where otherwise herein specifically provided, and to the President and General Manager, Idaho Power Company, Boise, Idaho, on behalf of the Contractor. The designation of the person to be notified or the address of such person may be changed at any time by similar notice.

16. Except as otherwise provided for herein, if disputes as to questions of fact arise hereunder, the same shall be determined by the Secretary of the Interior, whose decision thereon shall be final and binding on the parties hereto.

17. Where the operations of this contract extend beyond the current fiscal year, the contract is made contingent upon Congress making the necessary appropriation for expenditures hereunder after such current year shall have expired. In case such appropriation as may be necessary to carry out this contract is not made, the Contractor hereby releases the United States from all liability due to the failure of Congress to make such appropriation.

13. No Member of or Delegate to Congress, or Resident Commissioner shall be admitted to any share or part of this contract or to any benefit that may arise herefrom, but this restriction shall not be construed to extend to this contract if made with a corporation or company for its general benefit.

IN WITNESS WHEREOF, the parties hereto have caused this contract to be executed the day and year first above written.

THE UNITED STATES OF AMERICA

By *R. McNeill*
Regional Director, Region I,
Bureau of Reclamation

IDAHO POWER COMPANY

By *E. A. Strick*
President and General Manager

(SEAL)

Attest:

A. J. Juman
Secretary

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CERTIFICATE

I, A C IRWIN, certify that I am the
Secretary of the Idaho Power Company, that C J STRIKE,
who signed the above contract on behalf of said Contractor, was then
its President and General Manager; that said contract was duly signed
for and on behalf of said Contractor by authority of its governing body,
and is within the scope of its corporate powers; and that a resolution
was adopted by the Board of Directors of said Company at its regular
meeting held on the 11th day of April, 1946, said
resolution being as follows:

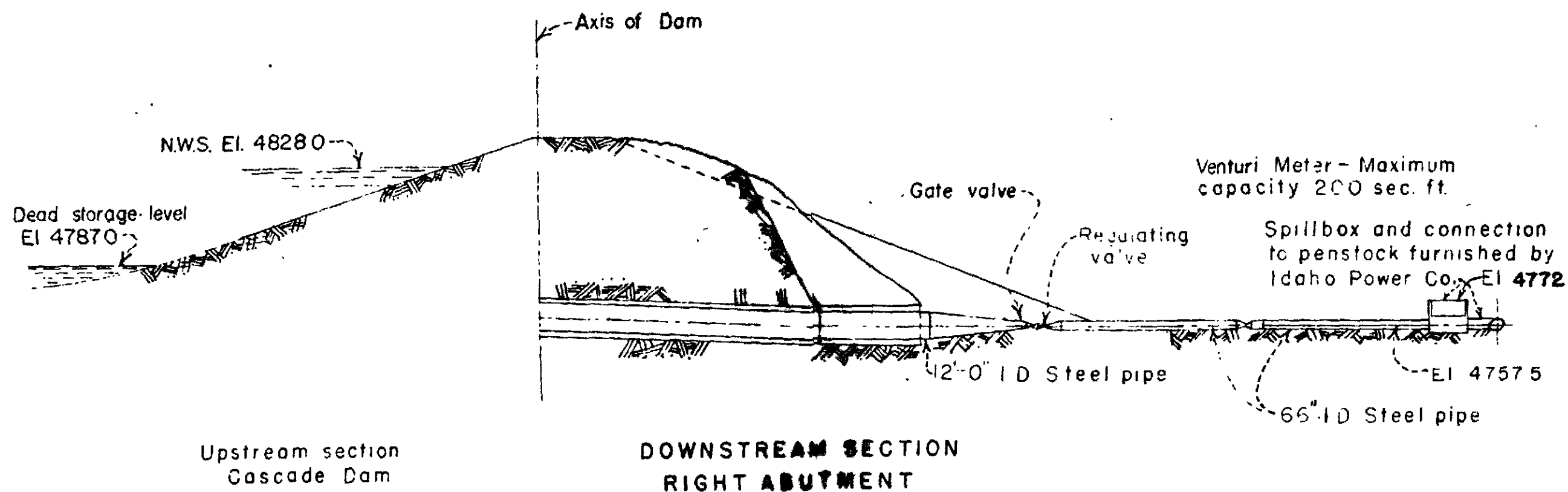
"RESOLVED that the officers of this Company shall have
such powers, duties and authority as usually pertain to
their offices respectively, including the power and authority
of the President, Vice-President, General Manager or Assistant
General Manager of the Company to execute, for and on behalf
of this Company, all contracts and agreements for the supply-
ing of electric service by the Company and all matters in-
cidental thereto; provided, that all contracts and agreements
for the supplying of electric service, and matters incidental
thereto, may be executed for and on behalf of this Company by
a Division Manager of the Company."

(Company Seal)

A. C. Irwin

Secretary

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VIEW: LOOKING UPSTREAM ON NORTH FORK OF PAYETTE RIVER

0 50 100
SCALE of FEET

REPRODUCTION

Revised 11-19-46 REVISED 8-2-46 RETRACED	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF RECLAMATION BOISE PROJECT-PAYETTE DIV CASCADE DAM DIAGRAM OF DIVERSION TO IDAHO POWER CO	
	DRAWN	SUBMITTED
	TRACED	RECOMMENDED
	CHECKED	APPROVED
1-B-38		DENVER, COLO., AUG 4, 1946
		3-D-1711

EXHIBIT "B"

EASEMENT

In pursuance of the Act of Congress approved June 17, 1902 (32 Stat. 388) and the act approved August 1, 1939 (53 Stat. 1187) and acts amendatory thereof or supplementary thereto, known as the Federal Reclamation Law, the Grantor, THE UNITED STATES OF AMERICA, for and in consideration of One Dollar (\$1.00) in hand paid, conveys to the IDAHO POWER COMPANY, a corporation, its successors and assigns, the perpetual right and easement to construct, reconstruct, operate and maintain a pipe line and other power facilities in connection therewith, over, upon, along and across the following described property in Valley County, Idaho:

A tract of land containing three and 55/100 (3.55) acres, more or less, being portions of lot two (2) of section twenty-five (25) and lot one (1) of section twenty-six (26), township fourteen (14) north, range three (3) east, Boise meridian, more particularly described as follows:

A strip of land two hundred (200) feet in width, lying between two parallel lines 100 feet on either side, measured at right angles or radially, from the center line of the existing Idaho Northern Branch of the Oregon Short Line railroad (Union Pacific Railroad Company) described as follows: Beginning at a point where the center line intersects the south boundary of lot 2 of section 25, which point is east 530 feet and south 1055 feet from the northwest corner of said section 25; thence northwesterly along the arc of an 8 degree curve to the left 56 feet to the point of spiral curve; thence along a 4°40' spiral curve to the left having seven 17-foot chords 119 feet; thence north 57°30' west 427 feet; thence along a 9°10' spiral curve to the left having ten 18-foot chords 70.5 feet to a point in the west boundary of said section 25, which point is south 672.3 feet from the northwest corner of said section 25; thence along the same spiral curve to the left 102.1 feet to a point which is approximately engineer's railroad station 5280+00 which point is south 620 feet and west 80 feet from the northwest corner of said section 25; said parallel lines being extended or foreshortened so as to intersect the south boundary of said lot two(2);

Together with the right of ingress and egress for the purpose of constructing, reconstructing, operating, and maintaining the said pipe line and other power facilities in connection therewith; Provided, however, that the said pipe line and other power facilities or the use of said easement, shall not interfere in any way with the construction, reconstruction, operation and maintenance of Cascade Dam and Reservoir by the United States, its successors and assigns.

The said easement granted hereby shall be held by the Idaho Power Company, its successors and assigns, subject to the right of the United States, its successors or assigns, to cross the land described above with canals or water conduits of any kind, transmission or distribution lines for telephone, telegraph and electric or other power or irrigation works that may hereafter be constructed in connection with the Boise Reclamation Project, Idaho. The use of such right shall be conditioned upon payment to the Idaho Power Company, its successors or assigns, of the reasonable value of, or all improvements required to be taken or the reasonable cost of reconstructing or reconstructing the same.

Dated this _____ day of _____, 1947.

THE UNITED STATES OF AMERICA

By

Regional Director, Region I.

[illegible]

Identification No. _____

Application No. 65-12096

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

To Appropriate the Public Waters of the State of Idaho
(TYPE OR PRINT IN INK)

- 1 Name of applicant IDAHO POWER COMPANY Phone 383-2200
post office address 1220 Idaho Street, Boise, Idaho 83724
- 2 Source of water supply North Fork-Payette River which is a tributary of Snake River
- 3 a Location of point of diversion is NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 26 Township 14N
Range 3E B M Valley County; additional points of diversion if any None
- b If water is not consumed, it will be discharged into N Fork-Payette River at a point in NW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 25 Township 14N Range 3E B.M.
- 4 Water will be used for the following purposes:
Amount 2,000 for Power Gen. purpose from January 1 to December 31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated:
a 2,000 cubic feet per second and/or
b _____ acre feet per annum.
6. Proposed diverting works
a Description of ditches, flumes, pumps, headgates, etc. Steel penstocks connected to the existing U S Bureau of Reclamation outlet structure at the USBR Cascade Dam will divert water into hydroelectric turbines. After passing through the turbines, the water will be returned to the North Fork of the Payette River.
- b Height of storage dam NA feet, active reservoir capacity NA acre feet, total reservoir capacity NA acre feet, materials used in storage dam NA
Period of year during which storage will occur NA to NA inclusive.
(Mo Day) (Mo Day)
- c Proposed well diameter is NA inches, proposed depth of well is NA feet
- 7 a Time required for the completion of the works and application of the water to the proposed beneficial use is 2 years
b Estimated construction cost is \$ 10,816,000
- 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 26 Township 14N
Range 3E B M
(2) Amount of power to be generated 17,200 hp under 85 feet of head
(3) List number of each kind of livestock to be watered NA
(4) Name of municipality to be served NA, or number of families to be supplied with domestic water NA
(5) If water is to be used for _____ purposes describe NA

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b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below

TWP	RANGE	SEC	NE1/4				NW1/4				SW1/4				SE1/4				TOTALS
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	

Total number of acres to be irrigated _____

c. Describe any other water rights used for the same purposes as described above. Idaho Water License Numbers 16390 and 13827. See also Payette Basin adjudication ID Nos 65-2338X, 65-2338A and 65-2232

9. a. Who owns the property at the point of diversion U S Bureau of Reclamation

b. Who owns the land to be irrigated or place of use NA

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. Applicant intends to file an application with Federal Energy Regulatory Commission for permission to construct this Project.

10. Remarks This Project will involve uprating the Applicant's existing power production capability at Cascade. It will require the construction of a new powerhouse at the base of the U S Bureau of Reclamation's Cascade Dam.

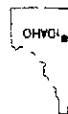
11/11/2011

MAP ACCURACY STANDARD
DENVER, COLORADO OR WASHINGTON 25, D C
SYMBOLS IS AVAILABLE ON REQUEST

CASCADE, IDAHO
N 4430-W 11600/15
1954

UNCLASSIFIED

QUADRANGLE LOCATION

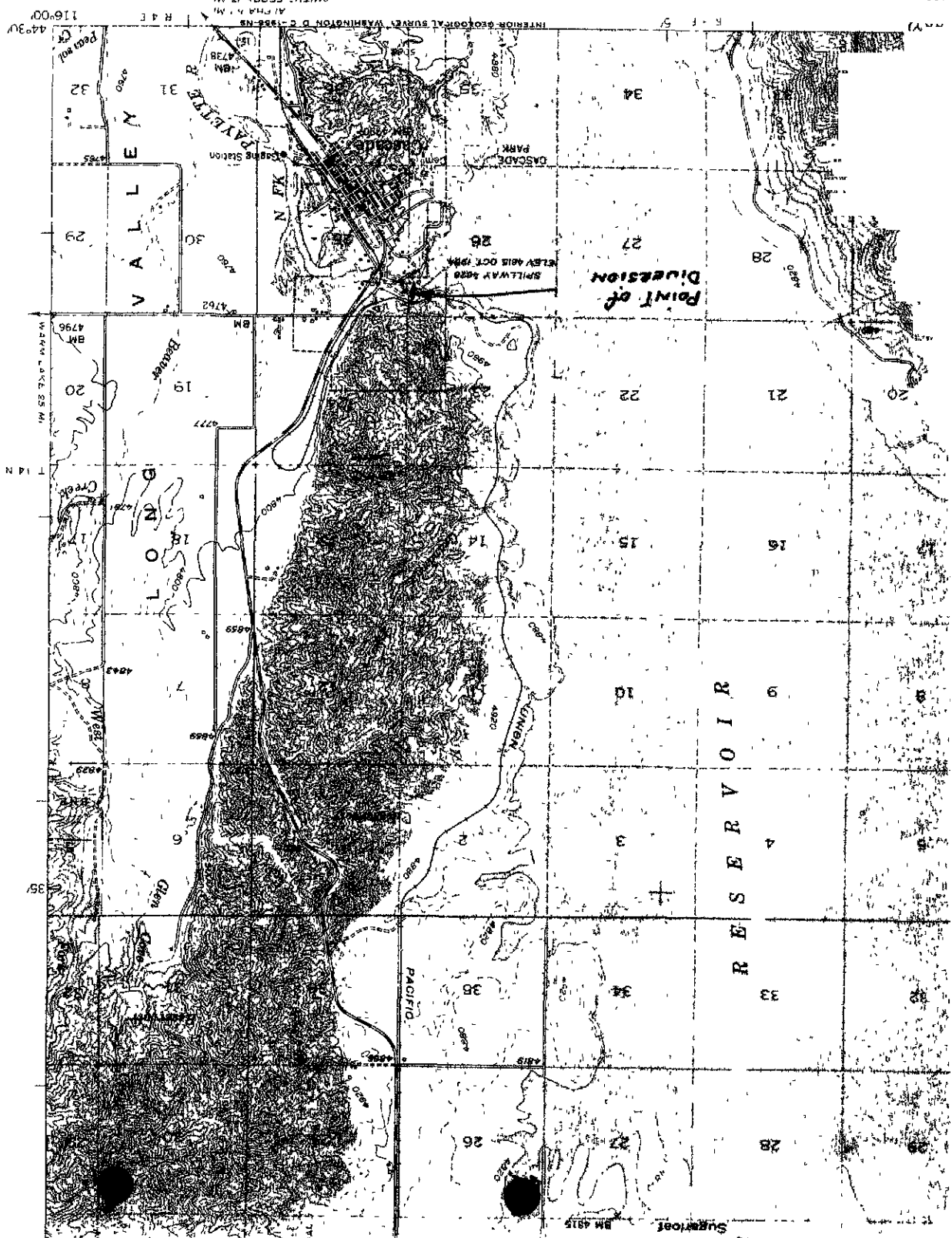


1:40 FEET
CONTOURS



ROAD CLASSIFICATION
Heavy-duty
Medium-duty
Light-duty
Unimproved dirt
U S Route
State Route

TRAILING SPRINGS



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.

IDAHO POWER COMPANY

W. J. Anne
(Applicant) Vice-President - Engineering

Proposed Priority 2/21/78

Received by Y Date 2-21-78 Time 3:35
Preliminary check by _____ Fee \$ 1,165.00
Receipted by Y Date 2-21-78 # 9781
Publication prepared by Y Date 2-23-78
Published in Star News
Publication dates March 24-9, 1978
Publication approved Y Date 3-21-78
Priority reduced to _____ Reason _____

Protests filed by _____

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by DGS Y 7/8

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 65-12096, 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 May 1, 19 83.
- c. Other. A measuring device and lockable controlling works of a type acceptable to the Department shall be permanently installed and maintained as part of the diverting works. (2) The issuance of this permit in no way grants any right-of-way or easement across the land of another. (3) Use of water under this permit is subject to control by the watermaster of State Water District # 65, Payette River. (4) 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. (5) 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.

Witness my hand this 8th day of April, 1981.

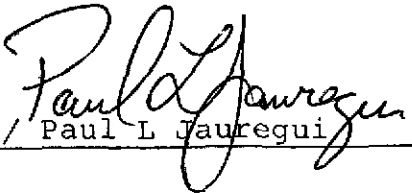
J. Glen Saxton
Chief, _____

RECEIVED
MAY 10 1981

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

I, PAUL L JAUREGUI, of Boise, County of Ada, State of
Idaho, being first duly sworn, depose and say:

That I am the Secretary of the Idaho Power Company,
that as such I am in charge of the registered office of the said
Idaho Power Company, as provided by Section 30-143, Idaho Code,
at Boise, Idaho, wherein are kept the records provided by Section
30-144, Idaho Code, and that Idaho Power Company is a legal
corporation qualified to do business in the State of Idaho under
the laws of the State of Idaho.


/s/ Paul L Jauregui

Subscribed and sworn to before me this 21st day of
February, 1978.

(NOTARIAL SEAL)


/s/ Vickie Kay Hickey
Notary Public
Residence: Boise, Idaho
My Commission expires: 5/27/81

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PUBLISHER'S AFFIDAVIT

STATE OF IDAHO]
]ss.
County of Valley]

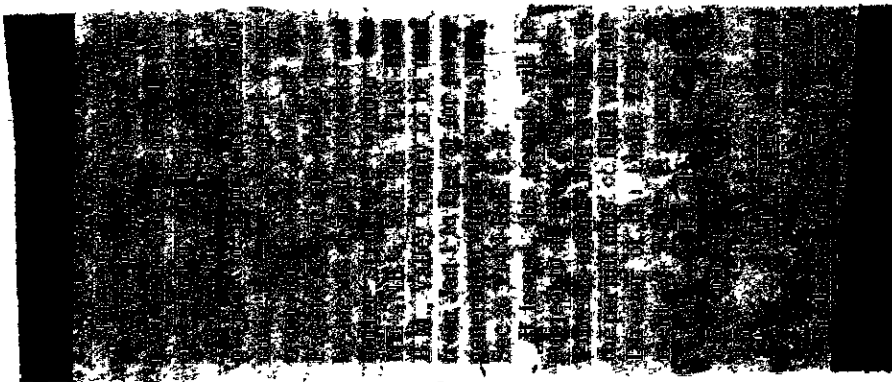
Michael Parfit, being first duly sworn, deposes and says: That he is the publisher of The Star-News, a weekly newspaper published at McCall, in the County of Valley, State of Idaho; that said newspaper is in general circulation in the county of aforesaid and is a legal newspaper; that the advertisement, a copy of which is hereto attached, was published in said newspaper once a week for consecutive weeks in the regular and entire issue of every number thereof during the period and time of publication, and was published in the newspaper proper and not in a supplement; and that publication of such notice began 19....., and ended 19.....

[Signature]

Subscribed and sworn to before me a Notary Public in and for the County of Valley, and the State of Idaho, this day of 19.....

.....
..... Notary Public.

My commission expires Aug. 1, 1981



OK
3-2-81



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

January 18, 2000

IDAHO POWER COMPANY
PO BOX 70
BOISE ID 83707

RE. WATER RIGHT NO 65-12096

Dear Water Right Holder:

I have enclosed Water Right License 65-12096, which the Department of Water Resources amended on January 14, 2000, in response to your petition for reconsideration, which was granted on November 30, 1999. The license was amended to remove the condition subjecting it to review and possible alteration or cancellation after the expiration of Federal Energy Regulatory Commission license no. 2848. The amended license supersedes the license issued November 8, 1999

The amended license is an amended preliminary order of the Department issued pursuant to Section 67-5243, *Idaho Code*, and Rule 730 of the Department's Rules of Procedure. A preliminary order issued by the Department can and will become a final order without further action of the department unless a party petitions for reconsideration or files an exception and/or brief as described in the enclosed information sheet.

Sincerely,

A handwritten signature in cursive script that reads "Shelley Walter Keen".

Shelley Walter Keen
Water Rights Supervisor

Cc: James C Tucker

Enclosures

MICROFILMED

JAN 28 2000

CERTIFICATE OF MAILING

I hereby certify that on the **19th** day of **January, 2000**, I mailed a true and correct copy, postage prepaid, of the foregoing **AMENDED PRELIMINARY ORDER (License to Appropriate Water)** to the person(s) listed below:

Water Right No. 65-12096

**IDAHO POWER CO
PO BOX 70
BOISE ID 83707**

**JAMES C TUCKER
ROSHOLT, ROBERTSON & TUCKER
PO BOX 2139
BOISE ID 83701-2139**


Kari Lynn Townsend
Secretary

MICROFILMED

JAN 28 2000

Responding to Preliminary Orders Issued by the Idaho Department of Water Resources

The Idaho Department of Water Resources (Department) issues water right permits, licenses, and transfers as preliminary orders pursuant to section 67-5243, Idaho Code. A preliminary order can and will become a final order without further action of the department unless a party petitions for reconsideration or files an exception and/or brief 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 the 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 twenty-one (21) 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 a 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. Otherwise, a preliminary order will become a final order of the Department.

If any party appeals or takes exceptions to a preliminary order, opposing parties shall have twenty-one (21) days to respond to any party's appeal. Written briefs in support of or taking exceptions to the preliminary order shall be filed with the Department. The Department retains the right to review the preliminary order on its own motion.

ORAL ARGUMENT

If the Department grants a petition to review a preliminary order, the Department 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 Department will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Department 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 Department in connection with a preliminary order shall be served on all other parties to the proceedings in accordance with Rules of Procedure 302 and 303.

FINAL ORDER

The Department 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 Department 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

JAN 28 2000

ROSHOLT, ROBERTSON & TUCKER

Chartered
ATTORNEYS AT LAW

Boise Office
1221 W IDAHO, SUITE 600
P.O. BOX 2139
BOISE, IDAHO 83701-2139
TELEPHONE (208) 336-0700
FAX (208) 344-6034
Email rosholt@micron.net

Twin Falls Office
142 3rd AVENUE NORTH
P.O. BOX 1906
TWIN FALLS, IDAHO 83303-1906
TELEPHONE (208) 734-0700
FAX (208) 736-0041
jct@micron.net

JOHN A. ROSHOLT
J. EVAN ROBERTSON
JAMES C. TUCKER
GARY D. SLETTE
JERRY V. JENSEN
JOHN K. SIMPSON
TIMOTHY J. STOVER
NORMAN M. SEMANKO

RECEIVED

JAN 13 2000

Department of Water Resources

January 12, 2000

Norman C. Young
Administrator, Water Management Division
Idaho Department of Water Resources
1301 North Orchard Street
P.O. Box 83720
Boise, Idaho 83720-0098

Re: Water Right License # 65-12096 – Idaho Power Company

Dear Mr. Young:

I appreciate having the opportunity to meet with you and Phil Rassier to discuss the pending *Petition for Reconsideration* filed on behalf of the Idaho Power Company with regard to the above referenced water right license. As I explained during our meeting, the principal issue of concern to Idaho Power is *condition # 7* of the license that renders the license subject to review by the Director upon the expiration of the FERC license for the Cascade Project (Project #2848) and allows for either the cancellation of the water license or the deletion or addition of conditions under which the right may be exercised.

I understand that the basis for that condition is I. C. § 42-203B(7), which provides that the director may "limit a permit or license for power purposes to a specific term". While Idaho Power questions the constitutionality of that provision in light of Art. XV, Sec. 3 of the Idaho Constitution, it seems unnecessary to tackle that issue in light of the administrative history of this water right. As you know, § 42-203B was added to the Idaho Code in 1986. Our records indicate that the administrative process involving this license proceeded as follows:

Water right application filed -	February 21, 1978
IPC Petition for Immediate Issuance of Permit filed -	December 8, 1980
Application approved (POBU due 5/31/83) -	April 8, 1981
Request for extension of time to file POBU -	March 23, 1983

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JAN 28 2000

POBU filed -	October 19, 1984
Field exam completed -	July 30, 1986
File transferred to IDWR State office -	July 30, 1986
License issued -	November 8, 1999

It is clear from the above that a permit for the water right was issued in 1981 and Idaho Power complied with all administrative requirements for the issuance of the license by the end of October 1984, nearly two years prior to the enactment of § 42-203B(7) and fifteen years prior to the issuance of the license. Under these specific circumstances we consider the application of the term limitation in the license under § 42-203B to be inappropriate and would again request that *condition # 7* be removed.

Again, thank you for your consideration of this matter and we await your response. If we can offer anything further or answer any questions, please contact me.

Very truly yours,



James C. Tucker

cc: B. Stahman
N. Gardiner

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JAN 28 2000

MEMORANDUM

DATE: January 10, 2000

TO: Water Right File 65-12096

FROM: Shelley W. Keen ^{SUK}

RE: Meeting to discuss the petition for reconsideration

On Friday, December 17, 1999, IDWR staff met with James C. Tucker to discuss his petition for reconsideration of Water Right License 65-12096. Representing IDWR were Norm Young, Phil Rassier, and Shelley Keen. Mr. Tucker said that Idaho Power Company is uncomfortable with the temporal provisions of the license. As a permanent property right it adds some value to the company's ledger sheet because it could be sold or transferred. For example, if Idaho Power Company does not retain the FERC license to operate at Cascade, it could still potentially retain and sell the water right license. However, if the water right license can be revoked its value is significantly diminished. As Mr. Rassier summarized, "If the FERC license is revoked, is there anything to prevent the state from re-allocating the water used under this license?"

Mr. Tucker also raised the following issues.

- Did the 1928 amendment to the Idaho Constitution really intend for Idaho Power Co. to have less ability to acquire property rights than other water appropriators? Mr. Tucker raised the question but indicated that he does not intend for this question to be pursued in this forum or at this time.
- Permit 65-12096 was issued five years before Section 42-203B(7), *Idaho Code*, was passed by the legislature. Can't Permit 65-12096 be excluded because of some "grandfather" consideration? The language of the statute seems pretty clear that there is no grandfather provision.
- Condition No. 7 on the license is rather broad. Can it be rewritten to describe in more detail the process through which the license might be canceled or changed? Mr. Young suggested wording similar to the statement placed in minimum stream flow licenses.

The meeting ended with Mr. Tucker promising to review an example of the minimum stream flow language and to make some suggestions to IDWR.

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JAN 28 2000



CONSTITUTION OF THE STATE OF IDAHO

ARTICLE XV WATER RIGHTS

SECTION 3. WATER OF NATURAL STREAM -- RIGHT TO APPROPRIATE -- STATE'S REGULATORY POWER--PRIORITIES. The right to divert and appropriate the unappropriated waters of any natural stream to beneficial uses, shall never be denied, except that the state may regulate and limit the use thereof for power purposes. Priority of appropriation shall give the better right as between those using the water; but when the waters of any natural stream are not sufficient for the service of all those desiring the use of the same, those using the water for domestic purposes shall (subject to such limitations as may be prescribed by law) have the preference over those claiming for any other purpose; and those using the water for agricultural purposes shall have preference over those using the same for manufacturing purposes. And in any organized mining district those using the water for mining purposes or milling purposes connected with mining, shall have preference over those using the same for manufacturing or agricultural purposes. But the usage by such subsequent appropriators shall be subject to such provisions of law regulating the taking of private property for public and private use, as referred to in section 14 of article I of this Constitution.

The Idaho Code is made available on the Internet by the Idaho Legislature as a public service. This Internet version of the Idaho Code may not be used for commercial purposes, nor may this database be published or repackaged for commercial sale without express written permission.

Available Reference: [Search Instructions](#)

The Idaho Code is the property of the state of Idaho, and is copyrighted by Idaho law, I C § 9-350. According to Idaho law, any person who reproduces or distributes the Idaho Code for commercial purposes in violation of the provisions of this statute shall be deemed to be an infringer of the state of Idaho's copyright.



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

November 30, 1999

IDAHO POWER COMPANY
C/O JAMES C TUCKER
ROSHOLT, ROBERTSON & TUCKER
PO BOX 2139
BOISE ID 83701-2139

RE: Petition for Reconsideration of Order issuing Water Right License 65-12096

Dear Mr. Tucker:

I have enclosed a copy of an order granting your petition for reconsideration of the preliminary order issuing Water Right License No. 65-12096. I think it would be useful to meet to discuss the concerns raised in your petition. I will direct my staff to contact you in a few days to schedule the meeting as soon as possible.

If you have any questions regarding this matter, please call me at 327-7900.

Sincerely,

A handwritten signature in black ink, appearing to read 'Norman C. Young'.

Norman C. Young
Administrator, Water Management Division

NCY:swk

Enclosure

MICROFILMED

JAN 28 2000

RECEIVED

NOV 24 1999

Department of Water Resources

JAMES C. TUCKER
Rosholt, Robertson & Tucker
P. O. Box 2139
1221 West Idaho St., Suite 600
Boise, Idaho 83701-2139
(208) 336-0700
(208) 344-6034 - Fax
ISB# 2038

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

In Re:)
Water Right No. 65-121096)
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)
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PETITION FOR RECONSIDERATION

TO: THE DIRECTOR OF THE IDAHO DEPARTMENT OF WATER RESOURCES

The Idaho Power Company, hereinafter the Petitioner, petitions the Director to reconsider that certain *preliminary order* issued in the form of a *Water Right License* for Water Right No. 65-12096. Specifically, the Petitioner seeks reconsideration of the following condition placed on such water right license:

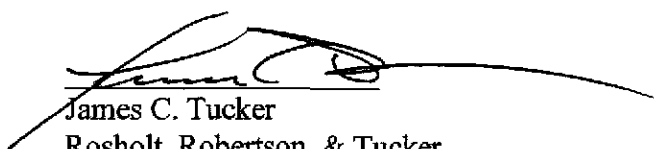
7. The diversion and use of water for hydropower purposes under this license is subject to review by the Director after the date of expiration of license 2848 issued by the Federal Energy Regulatory Commission. Upon appropriate findings relative to the interest of the public, the Director may cancel all or any part of the use authorized herein and may revise, delete or add conditions under which the right may be exercised.

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JAN 28 2000

The grounds for this petition are as follows:

1. The condition constitutes an unreasonable and unauthorized limitation on a water right appropriation as authorized by Article 15, § 3 of the Idaho Constitution.
2. And for such additional and further reasons as may be set forth by the Petitioner in this proceeding.

Dated this 23rd day of November, 1999


James C. Tucker
Rosholt, Robertson, & Tucker
Attorney for Idaho Power Company

CERTIFICATE OF SERVICE

I hereby certify that on this 23rd day of November, 1999, I served a true and correct copy of the PETITION FOR RECONSIDERATION on the
DIRECTOR of the Idaho Department of Water Resources, via FAX and regular mail at:
1301 N. Orchard Str., P. O. Box 83720, Boise, Idaho 83720-0098.


Legal Assistant
Rosholt, Robertson & Tucker

MICROFILMED
JAN 28 2000

tive upstream beneficial users whose rights are acquired pursuant to state law, excluding compliance with the requirements of section 42-203C, Idaho Code.

(4) The user of water for power purposes as beneficiary of the trust established in subsections (2) and (3) of this section shall be entitled to use water available at its facilities to the extent of the water right, and to protect its rights to the use of the water as provided by state law against depletions or claims not in accordance with state law.

(5) The governor or his designee is hereby authorized and empowered to enter into agreements with holders of water rights for power purposes to define that portion of their water rights at or below the level of the applicable minimum stream flow as being unsubordinated to upstream beneficial uses and depletions, and to define such rights in excess thereof as being held in trust by the state under subsection (2) of this section. Such agreements shall be subject to ratification by law. The contract entered into by the governor and the Idaho Power Company on October 25, 1984, is hereby found and declared to be such an agreement, and the legislature hereby ratifies the governor's authority and power to enter into this agreement.

(6) The director shall have the authority to subordinate the rights granted in a permit or license for power purposes to subsequent upstream beneficial depletionary uses. A subordinated water right for power use does not give rise to any claim against, or right to interfere with, the holder of subsequent upstream rights established pursuant to state law. The director shall also have the authority to limit a permit or license for power purposes to a specific term.

Subsection (6) of this section shall not apply to licenses which have already been issued as of the effective date [July 1, 1985] of this act.

(7) The director in the exercise of the authority to limit a permit or license for power purposes to a specific term of years shall designate the number of years through which the term of the license shall extend and for purposes of determining such date shall consider among other factors:

(a) The term of any power purchase contract which is, or reasonably may become, applicable to, such permit or license;

(b) The policy of the Idaho public utilities commission (IPUC) regarding the term of power purchase contracts as administered by the IPUC under and pursuant to the authority of the public utility regulatory policy act of 1978 (PURPA);

(c) The term of any federal energy regulatory commission (FERC) license granted, or which reasonably may be granted, with respect to any particular permit or license for power purpose;

(d) Existing downstream water uses established pursuant to state law.

The term of years shall be determined at the time of issuance of the permit, or as soon thereafter as practicable if adequate information is not then available. The term of years shall commence upon application of water to beneficial use. The term of years, once established, shall not thereafter be modified except in accordance with due process of law. [I.C., § 42-203B, as added by 1985, ch. 17, § 2, p. 23 and ch. 224, § 1, p. 537; am. 1986, ch. 117, § 1, p. 308.]

MICROFILMED
JAN 28 2000



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866

November 9, 1999

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

IDAHO POWER CO
PO BOX 70
BOISE ID 83707

RE: WATER RIGHT NO. 65-12096

Dear Water Right Holder(s):

The Department of Water Resources (the Department) has issued the enclosed license confirming that a water right has been established in accordance with the permit referenced above. 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 of the Department unless a party petitions for reconsideration or files an exception and/or brief as described in the enclosed information sheet.

Also, please note that water right owners are required to report any change of water right ownership and/or change of 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 reporting form.

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

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:klt

Enclosure

MICROFILMED

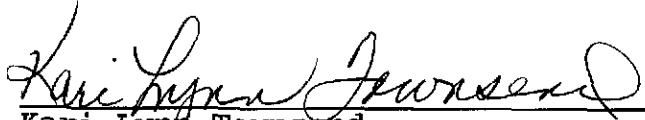
JAN 28 2000

CERTIFICATE OF MAILING

I hereby certify that on the 9th day of November, 1999, I mailed a true and correct copy, postage prepaid, of the foregoing PRELIMINARY ORDER (Approved License) to the person(s) listed below:

Water Right No. 65-12096

IDAHO POWER CO
PO BOX 70
BOISE ID 83707


Kari Lynn Townsend
Secretary

MICROFILMED

JAN 28 2000

Responding to Preliminary Orders Issued by the Idaho Department of Water Resources

The Idaho Department of Water Resources (Department) issues water right permits, licenses, and transfers as preliminary orders pursuant to section 67-5243, Idaho Code. A preliminary order can and will become a final order without further action of the department unless a party petitions for reconsideration or files an exception and/or brief 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 the 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 twenty-one (21) 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 a 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. Otherwise, a preliminary order will become a final order of the Department.

If any party appeals or takes exceptions to a preliminary order, opposing parties shall have twenty-one (21) days to respond to any party's appeal. Written briefs in support of or taking exceptions to the preliminary order shall be filed with the Department. The Department retains the right to review the preliminary order on its own motion.

ORAL ARGUMENT

If the Department grants a petition to review a preliminary order, the Department 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 Department will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Department orders otherwise, all oral arguments will be heard in Boise, Idaho.

MICROFILMED

JAN 28 2000

CERTIFICATE OF SERVICE

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

FINAL ORDER

The Department 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 Department 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.

WR0749NP
No. L65-12096

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT

DATE: 11/08/99
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
P	ROSHOLT ROBERTSON & TUCKER JAMES C TUCKER OR BRUCE M SMITH PO BOX 2139 BOISE ID 83701-2139 (208) 336-0700	02/21/1978	POWER	01/01 12/31	2000.000 CFS	642000.00 AFA
TOTAL DIVERSION:					2000.000 CFS	642000.00 AFA
P	IDAHO POWER CO STEVEN L HERNDON PO BOX 70 BOISE ID 83707 (208) 383-2692					
C	IDAHO POWER CO PO BOX 70 BOISE ID 83707 (208) 383-2200					

Water Source: PAYETTE RIVER, NORTH FORK

Tributary to: PAYETTE RIVER

Stage: LICENSE

Point(s) of Diversion Capacity: 2350.000 CFS

Point(s) of Diversion: T14N R03E S26 Lot 05(NENE)

VALLEY County

Place of use Legal Description for: POWER

	NE				NW				SW				SE			
	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE
T R S	: Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14N 03E 26	: 05-P															

Pou County: VALLEY

Conditions of Approval:

- 025 - This right does not constitute Idaho Public Utilities Commission
- or Federal Energy Regulatory Commission approval that may be
- required.
- 027 - Use of water under this right shall be non-consumptive.
- R22 - 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.
- RD4 - Use of water under this water right will be regulated by the
- watermaster of State Water District No. 65.

Conditions of Approval:

- R43 - 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.
- 004 - The issuance of this right does not grant any right-of-way
- or easement across the land of another.

Remarks: GEN The diversion and use of water for hydropower purposes under this license is subject to review by the Director after the date of expiration of license 2848 issued by the Federal Energy Regulatory Commission. 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. Rights 65-02232, 65-02338A and 65-02338X are also diverted through the point of diversion described above. The hydropower facility is known as Cascade Hydroelectric Project. Rights 65-02232, 65-02338A, 65-02338X and 65-12096 when combined shall not exceed a total daily maximum diversion volume of 4356 acre feet.

Dates: App. Received: 02/21/1978 Priority Date: 02/21/1978
Proof Due Date: 05/01/1988 Proof Made Date: 10/19/1984
Exam Made Date: 07/30/1986 Exam Sent to S.O.: 07/30/1986
Licensed Date:

Misc: Water District Number: 65 Field Exam Fee: R (Received)

Memorandum

To: File 65-12096

From: Kay Walker *kw*

Date: 11/08/99

Re: Licensing Recommendations
.....

In review of the records of natural flows received from the U. S. Bureau of Reclamation, I found the highest flows were in 1982 which was during the permit development period so have used 1982 flows in calculation of the annual volume.

An excel file was prepared using the 1982 data which took into account the flow reported each day and also reduced the recommended amount by removing volume allowed under previously decreed rights which total 200 cfs.

Overlapping rights are as follows:

Rt. 65-02232	50. cfs
Rt. 65-02338A	125. cfs
Rt. 65-02338X	25. cfs

200. cfs total – pursuant to Transfer No. 3107

(see copy attached) there is no annual volume attached to these rights as presently recorded. When all of these rights are combined they should not exceed a daily volume of 4356.0 acre feet.

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JAN 28 2005

Day	Computed Natural Flow in CFS	Volume attributed to this right
1	598	788.04
2	846	1279.08
3	1071	1724.58
4	1075	1732.5
5	625	841.5
6	536	665.28
7	767	1122.66
8	402	399.96
9	512	617.76
10	739	1067.22
11	403	401.94
12	177	0
13	293	184.14
14	152	0
15	152	0
16	2514	3960
17	717	1023.66
18	977	1538.46
19	754	1096.92
20	647	885.06
21	427	449.46
22	535	663.3
23	1097	1776.06
24	546	685.08
25	760	1108.8
26	777	1142.46
27	742	1073.16
28	362	320.76
29	477	548.46
30	310	217.8
31	141	0
32	537	667.26
33	634	859.32
34	287	172.26
35	312	221.76
36	363	322.74
37	187	0
38	556	704.88
39	442	479.16
40	587	766.26
41	518	629.64
42	618	827.64
43	584	760.32
44	952	1488.96
45	2109	3779.82
46	1951	3466.98
47	2306	3960

Formula:

1. If flow is less than 201 cfs, volume = 0
2. If flow is greater than 2200 cfs, volume = 3960
(2000. cfs x 1.98)
3. If flow is between 201 and 2200, multiply by
1.98 and subtract 396 (200 cfs x 1.98)

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JAN 28 2000

48	1985	3534.3
49	1179	1938.42
50	1817	3201.66
51	2364	3960
52	4679	3960
53	2927	3960
54	2407	3960
55	1875	3316.5
56	1430	2435.4
57	1482	2538.36
58	1464	2502.72
59	1143	1867.14
60	2051	3664.98
61	1722	3013.56
62	1593	2758.14
63	1247	2073.06
64	1144	1869.12
65	912	1409.76
66	954	1492.92
67	857	1300.86
68	1071	1724.58
69	1097	1776.06
70	2009	3581.82
71	1171	1922.58
72	1070	1722.6
73	1355	2286.9
74	1219	2017.62
75	895	1376.1
76	905	1395.9
77	1048	1679.04
78	879	1344.42
79	844	1275.12
80	756	1100.88
81	876	1338.48
82	814	1215.72
83	906	1397.88
84	850	1287
85	972	1528.56
86	1116	1813.68
87	1179	1938.42
88	993	1570.14
89	1379	2334.42
90	1241	2061.18
91	1087	1756.26
92	907	1399.86
93	1304	2185.92
94	955	1494.9
95	923	1431.54
96	1238	2055.24
97	696	982.08
98	662	914.76

MICROFILMED
JAN 28 2009

99	782	1152.36
100	1057	1696.86
101	2352	3960
102	3833	3960
103	3505	3960
104	3468	3960
105	2592	3960
106	1870	3306.6
107	1674	2918.52
108	1756	3080.88
109	1451	2476.98
110	1460	2494.8
111	1677	2924.46
112	2076	3714.48
113	2616	3960
114	2966	3960
115	3081	3960
116	3056	3960
117	3173	3960
118	3467	3960
119	3028	3960
120	2773	3960
121	2976	3960
122	3305	3960
123	3599	3960
124	3246	3960
125	2851	3960
126	2790	3960
127	2957	3960
128	2942	3960
129	3039	3960
130	2887	3960
131	2438	3960
132	2561	3960
133	2543	3960
134	3034	3960
135	2867	3960
136	4412	3960
137	4265	3960
138	4688	3960
139	3658	3960
140	3367	3960
141	3844	3960
142	4372	3960
143	4716	3960
144	4552	3960
145	5311	3960
146	8567	3960
147	7063	3960
148	5670	3960
149	4684	3960

MICROFILMED

JAN 28 2000

150	3707	3960
151	3851	3960
152	3573	3960
153	4186	3960
154	4503	3960
155	4272	3960
156	4241	3960
157	3259	3960
158	3682	3960
159	2946	3960
160	2958	3960
161	3353	3960
162	4046	3960
163	5378	3960
164	5914	3960
165	4930	3960
166	6629	3960
167	7380	3960
168	7480	3960
169	7563	3960
170	7548	3960
171	7782	3960
172	6778	3960
173	7476	3960
174	7125	3960
175	6357	3960
176	6368	3960
177	5729	3960
178	6142	3960
179	6460	3960
180	5780	3960
181	5232	3960
182	5936	3960
183	4356	3960
184	4429	3960
185	5080	3960
186	3538	3960
187	3151	3960
188	4213	3960
189	2571	3960
190	2432	3960
191	2540	3960
192	2523	3960
193	2610	3960
194	2349	3960
195	2983	3960
196	1493	2560.14
197	2103	3767.94
198	1218	2015.64
199	1327	2231.46
200	1290	2158.2

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JAN 28 2000

201	1057	1696.86
202	1242	2063.16
203	811	1209.78
204	663	916.74
205	563	718.74
206	1109	1799.82
207	699	988.02
208	391	378.18
209	674	938.52
210	489	572.22
211	405	405.9
212	271	140.58
213	467	528.66
214	25	0
215	52	0
216	424	443.52
217	-23	0
218	189	0
219	298	194.04
220	55	0
221	190	0
222	139	0
223	165	0
224	215	29.7
225	14	0
226	160	0
227	104	0
228	10	0
229	345	287.1
230	-205	0
231	154	0
232	203	5.94
233	303	203.94
234	25	0
235	502	597.96
236	-353	0
237	176	0
238	119	0
239	11	0
240	354	304.92
241	-2	0
242	337	271.26
243	4	0
244	328	253.44
245	145	0
246	-154	0
247	640	871.2
248	298	194.04
249	52	0
250	97	0
251	3	0

MICROFILMED
JAN 28 2000

252	590	772.2
253	-170	0
254	-305	0
255	590	772.2
256	155	0
257	-125	0
258	82	0
259	48	0
260	187	0
261	235	69.3
262	1097	1776.06
263	889	1364.22
264	403	401.94
265	417	429.66
266	246	91.08
267	458	510.84
268	601	793.98
269	1367	2310.66
270	103	0
271	982	1548.36
272	891	1368.18
273	36	0
274	198	0
275	578	748.44
276	529	651.42
277	1242	2063.16
278	339	275.22
279	621	833.58
280	909	1403.82
281	587	766.26
282	598	788.04
283	403	401.94
284	635	861.3
285	578	748.44
286	277	152.46
287	447	489.06
288	179	0
289	237	73.26
290	445	485.1
291	135	0
292	174	0
293	319	235.62
294	-110	0
295	299	196.02
296	2118	3797.64
297	879	1344.42
298	701	991.98
299	2020	3603.6
300	885	1356.3
301	355	306.9
302	2038	3639.24

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JAN 28 2003

303	1108	1797.84
304	504	601.92
305	972	1528.56
306	469	532.62
307	501	595.98
308	723	1035.54
309	224	47.52
310	650	891
311	412	419.76
312	418	431.64
313	583	758.34
314	534	661.32
315	326	249.48
316	94	0
317	465	524.7
318	175	0
319	258	114.84
320	146	0
321	788	1164.24
322	1770	3108.6
323	986	1556.28
324	345	287.1
325	987	1558.26
326	139	0
327	233	65.34
328	258	114.84
329	333	263.34
330	338	273.24
331	411	417.78
332	503	599.94
333	1031	1645.38
334	775	1138.5
335	292	182.16
336	43	0
337	1145	1871.1
338	989	1562.22
339	919	1423.62
340	553	698.94
341	301	199.98
342	353	302.94
343	355	306.9
344	214	27.72
345	348	293.04
346	344	285.12
347	564	720.72
348	424	443.52
349	1362	2300.76
350	1079	1740.42
351	1035	1653.3
352	376	348.48
353	722	1033.56

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JAN 28 2000

354	719	1027.62
355	1786	3140.28
356	1285	2148.3
357	946	1477.08
358	590	772.2
359	402	399.96
360	633	857.34
361	284	166.32
362	520	633.6
363	417	429.66
364	317	231.66
365	324	245.52
Sum		641811.06 $\approx$ 642000.

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SEP 28 2000

BUREAU OF RECLAMATION REPORT FOR 1978 THROUGH 1983 - AMOUNTS IN ACRE FEET

1978	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
Computed Natural Flow	39388	30395	53406	140954	192015	241973	94320	8612	22294	7033	18428	22490	871308
Reservoir Release Rate	14688	22215	24595	31262	61453	133561	97800	91463	70394	58424	43718	59830	709403

1979	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
Computed Natural Flow	16334	17697	32185	61686	165748	96783	4964	2761	1173	10834	16456	21431	448052
Reservoir Release Rate	50625	38988	43165	21525	15156	48473	105645	125653	109834	73034	7216	8380	647694

1980	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
Computed Natural Flow	38651	38063	41701	115959	271164	160835	50314	6393	20331	9774	28642	75842	857669
Reservoir Release Rate	8870	7833	8561	8458	51391	127184	69244	118395	107902	66884	36844	23197	634763

1981	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
Computed Natural Flow	36196	51490	46822	90228	193342	161835	21682	1493	1678	20866	53027	63505	742164
Reservoir Release Rate	17526	9620	9888	9670	143574	181550	73112	136842	137457	10165	11998	13289	754691

1982	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
Computed Natural Flow	39934	74766	69669	121956	239528	327410	127969	8840	20211	40121	31433	38966	1140803
Reservoir Release Rate	24423	96918	152981	153225	89137	121662	153102	52497	124544	58065	37776	89238	1153568

1983	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
Computed Natural Flow	36463	35085	88326	99629	219578	262669	89461	16820	16128	23605	60156	45520	993440
Reservoir Release Rate	92927	24657	69012	118336	90604	128723	81976	89242	85191	81036	56512	69105	987321

THIS REPORT IS FOR WATER YEAR 1978
BUREAU OF RECLAMATION
PACIFIC NORTHWEST REGIONAL OFFICE
FLOW IN C F S
CSCI QU
NORTH FORK PAYETTE RIVER AT CASCADE

COMPUTED NATURAL FLOW

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	449	130	-22.	871	249.	198	2810	2661.	2579.	2978	16.	122
2	495.	846	1637.	276	778.	440	3163	2768.	3340	3039	-30.	-5
3	379.	256	1884.	785.	934	284	3138	2455.	3671	3084	-151	20.
4	353.	155	857	578	466.	466	2155	2626.	3977	4102	-176	70
5	212.	725	599	1082	511.	607	2674	2617.	4495	3006	111.	467
6	459.	553	675	841	869.	753.	2175	3048.	4731	3042.	105	-3
7	479.	528	1164	645	879	697	2160	1532.	5035	3130	160	1405
8	277.	79	-2	694	879.	501	2296	1935.	5093	3478	-77	1215
9	493.	79	489	730	889.	682	1938	2182	5972	2979	-22	435.
10	131.	427	514	891	526	743	1968	3026.	5196	2303	-2	265
11	276.	79	827	736	642	682	2205	3326.	6226	2136	53	1342
12	276.	553.	888.	761	435	708.	2578	3418.	4733	1919.	-199	1198
13	351.	508.	1083.	539	440	682.	2361	2999.	4960	1611	-78.	14.
14	301	276	3283.	649	461.	592.	2270	3566.	4139	1518	1173.	-374.
15	276	1279	5587.	811	642.	506	2376	3723.	4195.	1328	396.	458.
16	301	104	2012.	727	375.	526	2633	3920.	3614.	1141.	-123.	211.
17	225.	351	1373.	903	375	531	3455	3810.	3564	667	785.	337
18	301	180	1252.	570.	400	466	2432	2972.	3528.	1174	477	307
19	251	432	843.	676.	385	551	1852	3905	3115.	784	94	637
20	306	29	632	570	491	582	1933.	2942	3785.	807	-163	-94
21	225	230	460	505	440	692	2248.	3784	3594.	649	225	36
22	205	830	765	766	400	813	2014	3813	4139.	106.	162	399
23	225	558	1279	377	375	909	1654	3796	3246.	661	268	278
24	155.	583.	1073	324	425.	1313	1861	3856	3463	343	259	424
25	427	634.	801	486.	677	1262	1503	4502.	3291	5	180	278.
26	821	1819	690	667	501	1202	2092	2770.	3860	459	208	278.
27	376	941	604.	350	551	1318	1908.	3140	3714	56	485	320
28	104	815.	442	511.	340	1625	3950.	2816	4087	480	-187.	408
29	376	1098	745	637.		1771.	2785	3275	3457	298	230	412
30	1073.	1047	851	440		2149	2478	3018	3195	138	42	379
31	135		321	461.		2674		2604.		133	123	
TOT IN DSF	10712	16124	33606.	19858.	15324	26925	71063.	96806	121993	47553	4342.	11240
TOT IN AF	21248	31981.	66658	39388	30395	53406	140954	192015	241973	94320.	8612.	22294.
AVERAGE	346.	537	1084.	641	547.	869	2369	3123.	4066.	1534.	140	375
MAXIMUM	1073	1819.	5587	1082.	934	2674	3950	4502	6226.	4102	1173	1405
MINIMUM	104	29	-22	276	249	198	1503.	1532	2579	5	-199	-374

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OCT 25 1999

THIS REPORT IS FOR WATER YEAR 1979
BUREAU OF RECLAMATION
PACIFIC NORTHWEST REGIONAL OFFICE
FLOW IN C.F.S.
CSCI QU
NORTH FORK PAYETTE RIVER AT CASCADE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	127.	178	536	30.	198.	702.	702.	1294.	2433	623	-46	789
2	394	178	546	-15	299.	505	505.	1904.	2712.	366.	126.	269.
3	157	319	596.	247	193	279.	480.	1395	2782.	336	-31.	-490
4	147	-125	742	257	198	107	531.	1455	2616.	190	65	206
5	188	266	460	192	299.	405	379	1934.	2770.	-57	-41	19.
6	198.	183	107.	285.	299	304	485.	1758	2570.	-77.	-187	-66.
7	-345.	299.	490.	275	299	1695.	752	2499	3359.	740.	-102	39
8	319.	309.	485.	250	198	379.	1120	2076	2305.	29	-374	-193.
9	298.	352.	293	81.	400.	379	999	2367	1292	150	-223.	-49
10	273.	931.	281	182.	349.	354	1391	1374.	1564	-134	-1.	223
11	-95.	906.	397	389.	273	405	1012	1086.	1614	-80	-207	-150
12	228	929	155	469	379	279	845	1323.	1506	218.	-22	97
13	157.	470	139	398.	500.	208.	719.	1378.	1253	-120.	273	-317
14	-60.	157	341	495.	505.	384.	840	1654.	1394	-196.	419.	16
15	-32	273	678	369	551.	405.	694.	2032	1147	-105.	424.	11
16	11	21	295	389.	526	405	1314.	2415	1999.	46	86	-100.
17	54	248	240.	394.	1	581.	1294	2728	1562	40	-35	127.
18	-69	248	351.	369	203	505.	1768.	2731	2133.	-3	137	16.
19	-45	162	431.	394	178.	405	1798	3138.	1984.	33	-153.	-70.
20	126.	52.	462.	188.	203.	405	1123	3295.	691.	-104	583	102.
21	-55.	505.	457	268	299	384	1002	3492	1245.	43.	417	-121
22	56.	480	245	188.	606	505	1052.	3744	1273.	-184.	108	-10
23	132.	505	88	142.	178	379	1178.	4284	1203.	587	-250	-63.
24	105	258	139.	319	702	410.	1511	4480.	1001.	-54	174	-78.
25	191	142.	250	132	203	601	1360	4697.	1033	-150.	68.	246
26	131	273.	330	304	279.	657	1082	4637	974	163.	-23	346
27	269.	283	467	268.	405.	702.	1113.	4551.	798	75.	285.	68
28	153.	-19	250	294.	203.	924.	1213.	4349.	525.	-1.	139.	-270
29	1	31	336.	218.		974	1289.	3326.	626.	80	194.	3
30	243	475	406.	268		924.	1546	3250	430	55	78.	-7
31	289		348.	193		677.		2917		-5	-491.	
TOT IN DSF	3546	9291	11338	8235.	8922.	16226	31099	83563	48794	2502	1392.	591
TOT IN AF	7033.	18428	22490	16334	17697	32185	61686	165748	96783	4964.	2761	1173
AVERAGE	114	310	366.	266	319	523.	1037	2696	1626	81	45	20.
MAXIMUM	394	931.	742	495	702.	1695	1798	4697.	3359.	740	583.	789
MINIMUM	-345.	-125	88	-15.	1	107	379.	1086	430.	-196.	-491	-490.

MICROFILMED
JAN 28 1989

THIS REPORT IS FOR WATER YEAR 1980
BUREAU OF RECLAMATION
PACIFIC NORTHWEST REGIONAL OFFICE
FLOW IN C.F.S
CSCI QU
NORTH FORK PAYETTE RIVER AT CASCADE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	78	183	1070.	162	115.	1175	117.	3870.	2673.	1877.	241	70
2	88	217.	-204	194	101	585.	515	3855	1831	2109	-142.	-20
3	48.	166	378	191	302	643.	283.	4349.	3137	2275	-248.	86.
4	-53	267	1335	297	146	830.	661	4858	1873	3051	513.	283
5	58	295	852	325.	227.	864	513	4631	1568.	2351.	-656.	137
6	78	135	483	281.	196	799	811	5214	2450	2248.	-112	-135
7	73	310	487.	358.	75	586	1046	5512.	2708	2611	407	47
8	103	159.	454.	328	185	469	768	5051.	2083.	1749	79	88
9	83.	309	357.	247	210	380	650.	6183.	2123.	1367	-251	254
10	-13	138	537.	222	205	473.	766.	5250	1912.	21	621	164.
11	-23	-364.	480.	428	127.	522.	1248	5947	1003.	46.	-11.	528
12	58.	569.	119.	331.	213.	494	713	5264	2396	112.	110	993.
13	83.	196.	91	390.	213	686	788	4210	1889.	929	367	509.
14	-282.	77.	227.	763.	213.	964	1022	3872	3548.	148.	-158	1130
15	-340.	264.	117.	6333.	85	1183	1142	4029.	4214.	259.	256	400
16	557.	141.	65	1896.	182	610	1446.	4138.	3354	501	-279	345
17	186.	323.	191	980.	178.	294	1507.	4467	3531	579.	855	78.
18	-148	368	131	788	298.	525.	1780.	3433.	4254	438.	-78	356
19	-378	116	103	1796.	338.	535	1975.	3977.	4034	531.	482	1001
20	1070	96	102.	457.	464.	524.	2630.	4032.	4360.	344.	356	487
21	766	267	309.	320	908.	612.	2887.	4637	4276.	349	103.	910
22	447.	217.	182.	285	9810.	450.	3320.	2984.	3107	173	-23.	-38
23	220.	-363.	155	376	784	504.	3164.	5190.	3490	290	400.	240
24	292.	37	384	285	807	477.	3659	6816.	3459	368	-246.	376.
25	435	218	228	285	631.	1634.	5586.	3705.	2812	-25	278.	381.
26	387	495	235	144	528.	500.	4133.	4164	1243	237	228.	346
27	410	908	911	230.	489.	382.	3425.	5017	1458	111	-141.	351
28	410	2229	413	230.	492.	385.	3773	4624	2916	119.	308	320
29	334	112	277	141.	669.	414.	3686	2678	1907	-412.	-45.	259
30	278	212	116.	282.	2187.	4447	2541	2541	1479.	480.	131.	304
31	156		221.	141		340.		2214		132	-121.	
TOT IN DSF	5462	8297	10804	19486	19190.	21024.	58462	136710.	81086	25366.	3223	10250.
TOT IN AF	10834	16456	21431	38651.	38063.	41701	115959.	271164	160835	50314.	6393	20331
AVERAGE	176.	277.	349	639	662	678.	1949	4410.	2703.	818	104	342
MAXIMUM	1070	2229	1335	6333	9810.	2187.	5586.	6816.	4360	3051	855.	1130
MINIMUM	-378	-364.	-204.	141.	75.	294.	117.	2214.	1003	-412.	-656.	-135

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THIS REPORT IS FOR WATER YEAR 1981
BUREAU OF RECLAMATION
PACIFIC NORTHWEST REGIONAL OFFICE
FLOW IN C F S
CSCI QU
NORTH FORK PAYETTE RIVER AT CASCADE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-1245	-88	-109		516	609	2256	4410.	4228.	696	80.	591
2		567	2918.		396.	701	1000	3998	4001.	363.	61.	-751
3		265	2256.	990	396.	495.	748	2309.	3823.	446	151.	-78
4	319.	290	3444	882	396	516.	629	4602	3252.	512.	22.	334
5	218.	164.	850	884	372	825	1243.	2535	2875.	465	140.	-517
6	274	1147.	1989	753	280	278	506	2411.	3901.	2517	-61.	-179.
7	349	2613	438.	637	397	849	724	2025.	3969.	886	243.	-100.
8	308	2029	279	688	509	611	406	1994.	7210.	711	-19.	-92
9	87		598	689.	398	372	1153	2145	5959.	552	212	144
10	238		420	715.	394.	704	455	2229.	4817.	857	-25.	91
11	87		564	716	282.	641	632	2108.	3439	205	203	-291
12		567	524	496	227	551.	729	1634	3234.	243	127	-85
13		517	499	339	598	594.	762.	1547	3090.	355	263.	-121.
14	344	492.	139	358	2452	670	660.	2470	1994.	222	20.	136.
15	-13		606.	554	1115.	404	384	2716	1900.	358	-32.	-208
16	86		499	483.	3461.	1351.	1235	2013.	2348	225	236.	5
17	67		316	458.	603.	649	1017	1216.	1876.	174.	-135.	-37
18	344.	416	494	458	3523.	524.	1094	1950.	1651.	354	87.	-166
19	117	431.	517	567	2588	649.	1917.	2635.	2436.	-19	-225.	-15.
20	192	355	504.	484	458	751	2254.	2791	2042.	126	-67.	-146
21	313	706.	1055.	376	1616.	772	2078	2824.	2072.	59	101.	150
22	88	719	1949	434.	850.	1070	1700.	3236.	2388.	188	653.	-209
23		926	911	1220.	850.	1003.	-69.	3161.	1381.	677	-742.	-51
24		-56	1454	764	682.	529.	4469.	3596.	1505	-256.	-132.	130
25	989.	364	2885	491	708	681.	2784.	5605	1275	9	126.	-88
26	517.	276	4216	625	728	1926.	3187	5511	1373	-91	-204.	128
27	114.	427	2972	516	583	1433.	2582	4831	965	139	119.	691
28	340.	237	1931	881	583	383.	2708	4452	884	-69.	-277.	1017.
29	240.	1142.	1898	625.		1367.	2910	4252	879	-96.	1064	409.
30	189.	-68.	1223.	820.		1270	3338.	5150	825	151	-839	154
31	366.			347		427		5118		-27	-395	
TOT IN DSF	4927.	14440	38236	18249	25959.	23606.	45489.	97475.	81590	10931.	753.	846
TOT IN AF	9774	28642.	75842.	36196	51490.	46822.	90228.	193342	161835	21682	1493	1678.
AVERAGE	197	602	1275	629	927.	761	1516	3144.	2720.	353	24.	28
MAXIMUM	989	2613	4216.	1220	3523.	1926.	4469.	5605.	7210.	2517.	1064	1017
MINIMUM	-1245.	-88.	-109	339.	227	278.	-69	1216	825	-256.	-839.	-751.

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- MAY 28 2000

THIS REPORT IS FOR WATER YEAR 1982
BUREAU OF RECLAMATION
PACIFIC NORTHWEST REGIONAL OFFICE
FLOW IN C.F.S.
CSCI QU
NORTH FORK PAYETTE RIVER AT CASCADE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	417.	537.	598	537	2051	1087	2976	3573	5936	467	328
2	347.	316.	1671.	846.	634.	1722	907	3305	4186	4356	25	145
3	299.	392.	566.	1071.	287.	1593	1304	3599	4503	4429	52	-154.
4	79	392	567	1075	312.	1247.	955.	3246	4272	5080	424	640.
5	76	321	101	625.	363.	1144.	923.	2851.	4241.	3538.	-23	298.
6	-153	266	1896	536	187	912	1238.	2790.	3259.	3151.	189.	52.
7	897	296	1369	767	556	954	696	2957	3682.	4213.	298.	97.
8	181	266	788	402	442	857	662	2942	2946	2571.	55.	3
9	372	270	235	512	587	1071	782	3039	2958	2432	190	590.
10	809.	361.	1313	739	518	1097	1057	2887	3353	2540	139	-170.
11	1001.	355.	732.	403.	618	2009	2352	2438	4046	2523	165	-305.
12	374	1443	578	177	584	1171.	3833.	2561.	5378.	2610.	215	590
13	349	612	706	293	952.	1070	3505	2543	5914.	2349.	14.	155
14	255	770	1190	152	2109	1355	3468	3034	4930	2983.	160	-125
15	260	929	1677	152	1951.	1219	2592.	2867	6629	1493	104	82
16	213.	2480.	884	2514	2306.	895	1870	4412	7380	2103.	10	48
17	188	2618.	797.	717.	1985.	905	1674.	4265	7480	1218.	345	187
18	225.	1885	143	977	1179.	1048	1756.	4688.	7563.	1327.	-205	235
19	303	930	3617	754	1817.	879	1451.	3658.	7548	1290.	154.	1097.
20	296	728	2281	647	2364.	844	1460	3367	7782.	1057.	203.	889.
21	170	2758	1750	427	4679.	756.	1677.	3844	6778	1242.	303	403
22	175.	1207	825	535	2927.	876.	2076.	4372	7476	811.	25	417
23	238.	1505.	788.	1097.	2407.	814	2616.	4716	7125	663.	502	246
24	185	1691.	1201.	546.	1875.	906.	2966	4552	6357	563.	-353	458
25	272	566.	627	760.	1430.	850.	3081.	5311.	6368	1109	176	601
26	599	813	968	777	1482.	972	3056.	8567.	5729.	699	119	1367
27	98	512	728	742	1464	1116	3173.	7063	6142.	391.	11.	103.
28	1029	641	1034	362	1143.	1179	3467	5670	6460	674	354	982
29	592	534	925	477		993	3028	4684	5780	489	-2	891
30	391.	461.	571.	310		1379	2773	3707	5232	405	337	36
31	391		951	141.		1241.		3851		271	4	
TOT IN DSF	10520	26734.	32017.	20133	37694	35124.	61485	120760.	165067.	64517.	4457	10189
TOT IN AF	20866.	53027.	63505	39934	74766.	69669.	121956.	239528	327410.	127969.	8840	20211.
AVERAGE	339.	891.	1033.	649	1346	1133	2050	3895.	5502.	2081	144.	340
MAXIMUM	1029	2758.	3617.	2514.	4679.	2051.	3833.	8567.	7782.	5936	502	1367
MINIMUM	-153	266	101.	141	187	756	662.	2438.	2946.	271	-353	-305

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SEP 28 1982

THIS REPORT IS FOR WATER YEAR 1983
BUREAU OF RECLAMATION
PACIFIC NORTHWEST REGIONAL OFFICE
FLOW IN C F S
CSCI QU
NORTH FORK PAYETTE RIVER AT CASCADE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	198.	972.	292	330.	323	1194	1935	2607	7550	4964	-107	925
2	578.	469	43	441	277.	1308.	1622.	2306.	7338	5179.	789	811
3	529	501	1145	446	260.	1315.	913.	2258.	6899	3491.	215.	520
4	1242	723	989.	982	453	1320	770	2422.	6352	2659.	114	165
5	339	224	919.	1062	120	1487.	498	3071	6077.	2910	79.	140
6	621	650.	553	1497	297.	1106	399	2605	5315.	2514	285	271
7	909	412.	301.	1246	705.	1683	440	2240	5633.	2390	195	205.
8	587	418	353.	1113	524	1355	1977	3150.	5466	2196	89.	343.
9	598.	583	355.	643.	918	1363	483	2459.	5802	1349	143	-134.
10	403.	534.	214.	753.	534	1805	778.	2251	6795	1091.	404	176.
11	635.	326.	348	674.	283	2531.	501	1608	6845.	1424	531	284.
12	578.	94.	344	262.	873.	2151.	741	1273	5030.	1490.	198	189.
13	277	465	564	663	769	2909.	892	1289.	3857	1051.	-406.	239
14	447.	175	424	408.	412.	2199.	922.	1441.	3679	2445	589.	560
15	179.	258	1362	334.	545	1888.	1125.	2125.	3979	1136	-109.	-391
16	237	146	1079.	419	672	1503	1254.	1637	3632.	1007.	402.	48
17	445	788	1035.	425	1194	1151	1277.	1542	3774.	590.	143	381
18	135	1770	376.	177	1370	1283.	1504	2142	4146.	519.	111	890.
19	174.	986.	722.	778	504	1044.	2161	2167	2961.	907	298	157.
20	319	345.	719	358.	607	939	2217	2243	2867.	426	1152	3.
21	-110.	987.	1786	345.	805.	846.	2498	3205	2861.	657	578	159.
22	299	139.	1285	462.	633.	1105.	2821	3373	2287	428	312	214
23	2118	233.	946	522.	584.	1108	3509	3712	3705	1288	756	338
24	879.	258	590	462	610	1042	4877	4184.	2785	582.	235.	91
25	701.	333	402	378	938.	696	3324.	5501	3089	593	-70	220
26	2020	338	633.	272	845	708	2555	6908	1822	127	600	311
27	885	411.	284	1090	821	983.	2017	7389.	4079.	374.	229	395.
28	355	503	520	487	811.	818.	2151	8030.	2685.	385.	183	94.
29	2038.	1031	417	385.		1150	1904	8678.	2564	291.	39	85
30	1108.	775	317	544.		2762.	2165	8555	2550	191.	428.	442
31	504		324.	427		1779.		8333.		452.	74	
TOT IN DSF	20227	15847.	19645	18383.	17688	44530.	50229	110702	132427.	45103	8480	8131
TOT IN AF	40121	31433.	38966	36463.	35085.	88326	99629	219578	262669	89461	16820	16128.
AVERAGE	652.	528	634	593	632.	1436.	1674.	3571.	4414.	1455	274.	271.
MAXIMUM	2118.	1770	1786	1497.	1370	2909.	4877.	8678.	7550.	5179	1152	925
MINIMUM	-110	94	43.	177	120	696.	399.	1273.	1822	127.	-406.	-391

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FLOW IN C.F.S
CSCI QU
NORTH FORK PAYETTE RIVER AT CASCADE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	311	699	805.	360.	314.	609	783	1809	6263.	3218	364	167
2	582	1068.	601.	103.	389.	663	896	2972	6207	3656	475	117.
3	167	366	776.	556	479	559	1053	2200	5174	2820	439	127
4	388.	2063	344.	481	336	325	916	1838	5578	2784	460.	102.
5	159	655.	592	204	561	355	1571	1745	5370	2333.	127	-38.
6	292.	1587.	1164	574	30	452	1272.	1351.	5622	2640	237	666
7	255.	682.	1615	619	430.	343.	1175.	1579	5449	1951	25	456
8	448.	453.	169	583.	362.	447.	2531	1894	5018	1398	52	305
9	749.	934.	201.	455	337	473	1263	2698	4410	1724	172	597
10	402	1083.	2125	607.	386	612	1588	2226	3539	1141	176	414.
11	458.	2572.	1765	437.	361	475	951	2757	3048.	1242.	13	-32.
12	375.	1492	585	573.	899	672	1260	2336.	3213.	873	-8	104
13	887	1476	971	560.	2041	1185.	802.	2820.	3411	832	53	378
14	246	1118	864	430.	547.	942.	824.	4817.	3591	885.	228	100
15	242	1098	465	334	756	862.	1134.	3958	3957	713.	77	132
16	413	541	594	458	889.	714.	1716.	4223	3795	623.	271	197
17	487	2271	349	362.	635.	765.	2875.	3980.	3973	645.	208	-186
18	-845	1058	581.	363.	369.	498.	2969.	3556.	4499	753	143.	-206
19	266	941	482.	262.	397	604.	3155.	2945.	6942	677	234	292
20	293.	976.	234	479	582	523.	2320	4662.	6316	655	-130.	1038.
21	248	717.	458	276	583	2049	2399	4284	6812.	387.	254.	399
22	472	186	468	801	585	758	2710	3969	5496.	306.	72.	189
23	1048	583	1011	700	587	894	3059	5785.	4827	463.	310	195
24	271	1956	926	572	690.	1334.	3026	4762	4938.	450	188	337
25	388	780.	673	589.	563	992	1740	5061	5618.	496	39	156
26	390.	444.	512	573	483	859	1640	5019	5875	466	46	373.
27	443.	749	622	443	375	752	1598	4721	5110.	526	26.	379.
28	414	780	778	378	380	752	1772	4690	5436.	899.	134	301
29	524	469	718	596	348	658	1664.	4734.	5374.	868	-40	286
30	559	527	561	502		675.	1702.	6146	4192.	768	1550	171
31	570		939.	412.		788.		6884		96	374	
TOT IN DSF	11901.	30328	22950	14641.	15693	22589	52366	112416	149051	37290	6471.	7516.
TOT IN AF	23605	60156	45520	29040.	31126	44804	103868	222977	295643	73965	12836.	14909.
AVERAGE	384	1011	740	472	541.	729	1746.	3626.	4968.	1203	209	251
MAXIMUM	1048.	2572.	2125.	801.	2041.	2049.	3155.	6884.	6942	3656	1550	1038
MINIMUM	-845	186	169	103.	30	325	783	1351	3048	96	-130	-206

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JAN 24 1989

ATG Kay L. S. Hu

RESERVOIR RELEASE RATE

THIS REPORT IS FOR WATER YEAR 1978
~~REPORT OF REGULATION~~
 PACIFIC NORTHWEST REGIONAL OFFICE
 FLOW IN C.F.S.
 CSCI QD
 NORTH FORK PAYETTE RIVER AT CASCADE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	182.	180.	180.	180.	400	400.	400.	806.	1520.	2010	1034.	1816
2	182.	180.	180.	180.	400.	400.	400.	802.	1510.	2010.	1200.	1810.
3	182	180.	180.	180.	400.	400.	400	806.	1513.	2010.	1200	1810.
4	187.	180.	181	180	400.	400.	400.	806.	1512.	2070.	1200.	1804.
5	192.	180.	181	180.	400	400.	400.	802.	1510	2250.	1200	1798
6	192	180.	181.	181	400	400	400.	804	1540.	2376	1300.	1798
7	187.	180	181.	181	400.	400.	400	806.	2010.	3004.	1400	1798
8	181.	180.	180	180.	400.	400.	400.	806.	2007	3004	1400.	1633.
9	180.	180	181.	180.	400.	400	400.	806	2004.	3004	1450.	1418
10	181.	180	181.	180.	400	400.	400.	803.	2035.	3004	1450.	1218.
11	180	180.	182.	181.	400	400.	400.	805.	2505.	2837.	1450	1150.
12	180.	180.	182.	181	400.	400.	400.	806.	2505.	1919.	1450.	1052.
13	180	180.	181	181.	400	400.	400	806.	2505	1666.	1450	851.
14	180	180.	182	180.	400	400	400	808	2505.	1417	1450.	851.
15	180.	180.	182.	181.	400.	400.	400.	804	2556.	1252	1450	851.
16	180.	180	182.	182.	400.	400	400	804.	3004	1252.	1450.	851
17	180.	180.	183.	182.	400.	400	400.	871	3004.	1252	1450.	851
18	180.	180	183.	182.	400.	400	400.	1001.	3004.	1174	1450.	851
19	180	180.	183.	182.	400	400	400.	1001.	3004.	1001.	1450	884
20	180.	180.	183	182	400.	400.	400.	1001.	3004.	988.	1450.	879.
21	180	180.	183.	182	400	400.	509	1001.	3004.	866.	1450	737.
22	180.	180.	180	181	400.	400.	804.	1010.	2505.	802.	1614.	737.
23	180	180.	180	226	400	400.	802	1018.	2505	802.	1644	737.
24	180.	180.	181	400.	400	400.	802.	1018.	2505.	802.	1706.	737
25	180.	180	181.	400.	400.	400.	802	1129.	2010	802.	1703	737
26	176.	180	181.	400	400	400	806.	1520.	2010	802.	1700	737
27	154.	180.	180	400.	400	400.	809.	1512	2010.	898	1700.	824
28	154.	180	180	400	400.	400	809.	1505	2010.	1014	1804.	1104
29	174.	180.	180.	400		400.	809	1505.	2010.	1009.	1813.	1466
30	186.	180.	180	400.		400	809	1505.	2010.	1005.	1822.	1766
31	180.		180.	400		400		1505.		1005.	1822.	
TOT IN DSF	5570	5400.	5615.	7405	11200.	12400.	15761	30982.	67336	49307.	46112	35490
TOT IN AF	11048.	10711	11137.	14688	22215.	24595.	31262.	61453.	133561	97800.	91463	70394
AVERAGE	180	180.	181.	239.	400.	400	525.	999	2245.	1591	1487.	1183.
MAXIMUM	192	180.	183.	400.	400.	400.	809.	1520.	3004.	3004.	1822.	1816.
MINIMUM	154.	180.	180.	180.	400.	400.	400.	802.	1510.	802.	1034	737.

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THIS REPORT IS FOR WATER YEAR 1979
BUREAU OF RECLAMATION
PACIFIC NORTHWEST REGIONAL OFFICE
FLOW IN C.F.S.
CSCI QD
NORTH FORK PAYETTE RIVER AT CASCADE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1700	203.	954	1200	702.	702.	702	200.	200.	1641.	1850.	2004.
2	1700.	203.	954	1200.	702	702.	702	200.	201.	1460.	1850	1902.
3	1700.	203.	954.	1200	702.	702.	702.	200.	201.	1400.	1850	1804
4	1700.	203.	954	1200.	702.	702.	702	200.	201.	1400.	1850	1804
5	1700.	205.	954	1170.	702.	702.	702	200	229	1400	1850	1804.
6	1700.	208.	954.	1001.	702.	702.	702.	200.	221.	1400.	1900.	1804
7	1329.	208.	954.	1001.	702.	702.	702.	200.	213	1400.	1910.	1804.
8	1700.	208	954.	1001.	702.	702	702.	200	213.	1400	1910.	1804.
9	1700.	362.	974.	802	702.	702.	702.	199.	213.	1400.	1910.	1700.
10	1700	956.	1052	802.	702.	702.	534	199.	213.	1500.	1910	1700.
11	1700	956.	1052.	802.	702.	702.	200	199.	283.	1700.	2052.	1700
12	1700.	954	921	802	702	702.	200	199.	498	1700	2151	1700
13	1700.	954.	603	706.	702.	702	200	400	502	1700	2254	1700.
14	1700.	954.	669.	702.	702.	702.	200.	600.	502.	1715.	2254	1700
15	1400.	954	1001.	702.	702.	702.	200.	600.	502.	1730.	2254.	1700
16	1100	954.	1001.	702.	702.	702.	200.	600.	527.	1730	2254.	1700.
17	800.	954.	1001.	702.	702	702.	200.	232.	735.	1840.	2254.	1700.
18	198.	954.	1001.	702	702	702.	200	215.	847.	1908.	2254.	1700.
19	197	954.	1001	702.	702.	702.	200	199.	1001.	1908.	2151.	1700.
20	202.	954.	1001.	702.	702	702.	200.	199.	1069	1908.	2151	1700.
21	207.	954	1001.	702	702.	702.	200.	200.	1270.	1908.	2010.	1850
22	182.	954	1001	702	702	702	200	200	1550.	1908	2004	1850
23	182.	954	1001	702	702.	702	200	200	1505	2004	2004	2004.
24	181.	954.	1001.	702.	702.	702	200.	200	1505.	1978	2004.	2004.
25	181.	954.	1001	702.	702.	702.	200	200.	1537	1902.	2004	2036.
26	181.	954.	1001.	702.	702.	702.	200.	200.	1700	1902	2004.	2100.
27	203.	954	1001.	702.	702.	702	200.	200	1700.	1950	2100.	2100
28	203	954	1001.	702.	702.	702.	200.	200.	1700.	1920.	2100.	2100
29	203	954.	1001.	702.		702	200.	200	1700.	1850	2100.	2100.
30	203.	954.	1046.	702.		702.	200.	200.	1700.	1850	2100.	2100.
31	203.		1200.	702.		702		200.		1850.	2100.	
TOT IN DSF	29455.	22041.	30164	25523.	19656.	21762.	10852	7641.	24438.	53262.	63349.	55374
TOT IN AF	58424.	43718.	59830	50625.	38988.	43165.	21525.	15156.	48473	105645.	125653.	109834
AVERAGE	950	735.	973.	823	702.	702.	362.	246.	815.	1718.	2044.	1846
MAXIMUM	1700	956.	1200	1200.	702.	702.	702	600.	1700	2004.	2254.	2100.
MINIMUM	181.	203.	603.	702.	702.	702.	200.	199.	200.	1400	1850.	1700

THIS REPORT IS FOR WATER YEAR 1980
BUREAU OF RECLAMATION
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FLOW IN C.F.S.
CSCI QD
NORTH FORK PAYETTE RIVER AT CASCADE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2150.	133.	137	137.	140.	141	142	134	3570.	1620	1310	2440.
2	2140.	141	139.	139.	141.	141.	147.	134.	3560	1620.	1310	2430
3	2140.	141	141.	141.	141.	139.	147.	134.	3550.	1620	1310.	2360.
4	2140.	141.	140.	141.	141.	144.	147.	134.	3300.	1750.	1310.	2360.
5	2160	139	141.	143.	141	143.	160.	134.	3000.	2250.	1310.	2300.
6	2160.	135.	140.	145.	135.	139.	151.	137.	3000.	2470.	1310.	2240.
7	2140.	134.	139.	141	125.	137.	138.	138.	2980.	2500.	1410.	2170.
8	2150.	134.	141.	141	124.	136.	143.	140.	2980.	2500.	1470.	2190
9	2170	133.	140	141.	124	138.	156.	148	2950	2360.	1680.	2160
10	2190.	88.	139	141	124.	140.	151.	148	2330.	1700.	1750	2080
11	2140.	14	137.	141	127.	144.	144	149.	1260.	1190.	1890.	1990
12	2120.	14	139	144.	127.	136	148	142.	747.	747	1980.	1840
13	2130.	14.	141.	153.	127.	136.	148.	141.	452	747.	1980.	1790
14	1780.	52.	146.	158.	127.	147.	145.	141.	452.	420	1960.	1750.
15	1480.	138	142.	152.	125.	149.	139.	152.	458.	158	1990.	1600.
16	1470.	141	141.	152.	127.	141.	135.	165.	465.	158.	2010.	1590.
17	1220.	141.	136.	148.	128.	138.	136.	156.	577.	155	2020.	1530.
18	911	141.	131.	148.	147	137.	136.	151.	1380.	282.	2070.	1490
19	499	141.	128.	147.	177	137.	135.	150.	1750.	506.	2070.	1490
20	168.	141.	127.	144	167.	136.	134.	150.	2530.	586.	2080.	1490.
21	136.	141.	127.	144	147.	138.	134.	150.	2900.	586.	2130.	1490
22	69.	141.	127.	144.	140.	137.	134.	418.	2900.	596.	2140.	1490
23	18	141.	125	144.	134.	141.	134	763.	2900.	663.	2240.	1490.
24	65.	138.	127.	144	131.	139.	145.	1250.	2920.	791.	2300.	1490
25	158.	137.	122	144.	132.	137.	141	1240.	2520.	923.	2300	1490
26	160.	137.	129	144	135.	137.	140	1900	2070.	923.	2320	1490.
27	158	137.	140.	144	136	135	138.	3000	1760	923.	2360.	1490
28	158.	137.	141.	144	139.	133	138	3580.	1620.	986.	2410	1520
29	158	137.	141.	141.	140	142.	137	3580	1620	1030.	2410.	1570
30	152.	136.	141.	141.		140	141	3580.	1620.	1030.	2430.	1590.
31	131		140.	141.		138.		3570		1120.	2430	
TOT IN DSF	36821.	3638.	4225.	4472.	3949.	4316.	4264.	25909.	64121.	34910.	59690.	54400.
TOT IN AF	73034.	7216	8380.	8870.	7833.	8561.	8458.	51391.	127184.	69244	118395.	107902.
AVERAGE	1188	121.	136.	144.	136.	139.	142.	836.	2137	1126.	1925.	1813
MAXIMUM	2190	141.	146.	158	177.	149.	160.	3580.	3570.	2500.	2430.	2440.
MINIMUM	18.	14.	122	137	124.	133.	134	134	452.	155.	1310	1490.

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THIS REPORT IS FOR WATER YEAR 1981
BUREAU OF RECLAMATION
PACIFIC NORTHWEST REGIONAL OFFICE
FLOW IN C.F.S.
CSCI QD
NORTH FORK PAYETTE RIVER AT CASCADE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1630.	769.	244.	302	173.	162	164.	251	4290	1530.	1470	2530
2	1630.	769.	264.	301.	169.	162.	165.	923	4430	1270.	1470.	2530.
3	1630	769.	279	301.	169.	162	163.	1760	4710.	1090	1530.	2530.
4	1630.	769	254.	301.	169.	162.	162.	2300.	4490.	1310	1570.	2520.
5	1630.	769	188	301.	169.	162	161.	2770.	4490.	1390.	1680.	2520.
6	1660.	769.	174.	301.	169.	162.	158.	2940.	4490.	1340	1750.	2520.
7	1710.	773.	173.	301.	169	158.	158.	2830.	4490.	1090.	1750	2520.
8	1720.	769	303.	301.	169	158.	158.	2490.	4510.	826.	1750	2500
9	1700.	769.	592.	301	169.	158.	158	2490.	4720	814.	1750.	2500
10	1700	769.	736.	301.	165	158.	231	2490	4970	961	1770	2500.
11	1700.	769.	665	301.	165.	160	158	2200.	5090	999	1900.	2530
12	1700.	769.	524.	301	165	162.	158	1650	5230.	1010	2070	2500
13	1320.	769.	524.	301.	165.	162.	158.	1240	5140	1010.	2320	2440
14	16.	769.	524	301.	189.	162	158.	1140.	3680	1010	2520.	2360.
15	340.	769.	524.	295.	187.	162.	158.	1290.	2890.	1010	2590.	2360.
16	1120.	769.	524.	287.	194.	162	158.	1390.	2360.	1010.	2590.	2400.
17	596.	769.	524.	287.	202.	162.	158.	1390.	1730.	1090.	2590.	2410.
18	596.	769	519.	287.	173.	161.	158.	1390.	1520.	1160.	2590.	2410.
19	596.	633	416.	287.	201	161.	159.	1390.	1520.	1170.	2590.	2410
20	646	481.	296.	287	177.	162.	162.	1450.	1520.	1210.	2590	2410
21	767	479.	296.	287	169	162.	162.	2080.	1520.	1240.	2570	2410
22	769.	391.	301.	287.	169.	162.	162	2840.	1520.	1240.	2570.	2360
23	769	245.	303.	291	169	162.	158	2620.	1520.	1240.	2570	2320.
24	769.	473.	299.	292.	171.	162.	158.	2720.	1530.	1250.	2560	2250
25	762.	440.	312.	292	170.	161.	162.	3320.	1520.	1250.	2560	2140
26	769.	377.	367.	291	169.	162.	162.	3380.	1530.	1250.	2560	2140.
27	769.	377.	334	291.	163.	159.	162	3780.	1530.	1270.	2560.	2100.
28	769.	313.	317.	291	162.	158.	162.	3760.	1530	1410.	2550	1980
29	769.	260.	307	225.		159.	162	3740.	1530	1470.	2550.	1420
30	769	260.	306	173.		159.	162	4060	1530.	1470.	2550	780
31	769		306.	171		159.		4310		1470.	2550.	
TOT IN DSF	33720	18575	11695.	8836.	4850.	4985	4875.	72384	91530.	36860.	68990.	69300.
TOT IN AF	66884	36844.	23197.	17526.	9620.	9888.	9670.	143574.	181550.	73112	136842.	137457.
AVERAGE	1088.	619.	377	285.	173.	161.	163	2335.	3051	1189	2225.	2310
MAXIMUM	1720.	773.	736.	302	202.	162.	231.	4310	5230	1530.	2590.	2530
MINIMUM	16.	245	173	171.	162.	158.	158	251	1520.	814	1470	780.

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THIS REPORT IS FOR WATER YEAR 1982
BUREAU OF RECLAMATION
PACIFIC NORTHWEST REGIONAL OFFICE
FLOW IN C.F.S.
CSCI QD
NORTH FORK PAYETTE RIVER AT CASCADE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	244.	194	202.	206	1630.	227.	2630	2000	1240.	4220	577	1620
2	227.	194.	202.	206.	1870.	760	2660	2000	1710.	4680	577	1620.
3	252.	194.	202.	206.	2320.	2580	2630.	1590.	1950.	4850.	577.	1740.
4	252	194.	202.	206.	2000.	2610	2630.	1010.	1950	4850	577.	1870.
5	252	194.	202.	202.	721	2630.	2650.	1010.	1950.	4790.	577.	1920.
6	231.	194.	206.	202	1410.	2630.	2650.	1130.	1980.	4830	577.	1950.
7	206	194.	210.	202	2220	2610.	2660.	1510.	1980.	4830.	577.	2010.
8	206.	194.	210.	202.	2220.	2610.	2660.	1510.	1980.	4850.	577.	2180
9	206.	194.	202.	202	2220.	2600.	2660	1510.	1980.	4830.	577.	2180
10	206.	187	202.	202.	2360	2610.	2650.	1510.	2300	4220.	577	2180.
11	206.	198.	202	202	2440.	2610	2680.	1740.	2440	2800.	577.	2180
12	206.	206	202.	202.	2390.	2650.	2730	2000.	2460.	2480	577	2180.
13	206.	210	202.	202.	2220.	2630.	2710.	2000.	2460	2250	628	2180
14	206	210.	202.	202.	2320.	2610.	2700.	2000	2460.	2250.	673.	2180.
15	117.	206.	206.	202.	2430.	2630.	2660.	1980.	2260.	2230	673.	2180.
16	70.	194.	206.	206.	2440.	2630	2660.	1980.	1190.	2250	673.	2180.
17	44	210.	223.	206.	2430.	2580.	2650.	1660.	963.	2230.	673.	2180.
18	56	206.	244.	206.	2430	2630.	2630.	1470.	963.	2000.	673.	2180.
19	39.	202.	248	206.	2440	2630.	2630.	1470.	975.	1680.	740.	2180
20	32	202.	261	206	2440.	2630.	2630.	1450.	986.	1440.	779.	2180
21	26	206.	257.	206	2510.	2630.	2630.	1450.	1270.	1280.	779	2180.
22	30.	214.	266	206.	1970.	2630.	2630.	1450.	1480.	975.	842	2180
23	68	210.	252	210.	310.	2630.	2630	1450.	1800.	842.	885	2180
24	135.	210.	227	210.	235.	2630.	2630.	1350.	2390.	749.	975.	2180
25	202.	210	214	315	227.	2650.	2630	975.	2820.	759.	1300	2180
26	202	206.	210.	559	223	2650.	2510	975.	2820	759.	1370	2180.
27	198.	206.	206.	851	218.	2650.	2320	963.	2820	759.	1400.	2160.
28	214	206.	210.	1030	218.	2650.	2090.	952.	2890.	759.	1620	2160.
29	198	202	210.	1390.		2630.	2010.	952.	3260.	593.	1620	2160.
30	194.	202.	206.	1630		2650.	2010	940.	3610.	568.	1620	2160.
31	194.		206.	1630.		2630.		952.		585.	1620	
TOT IN DSF	5125.	6049.	6700.	12313.	48862.	77127.	77250.	44939.	61337.	77188.	26467.	62790.
TOT IN AF	10165.	11998.	13289.	24423.	96918.	152981	153225.	89137.	121662.	153102	52497.	124544.
AVERAGE	165.	202.	216.	397.	1745	2488.	2575.	1450	2045.	2490.	854.	2093
MAXIMUM	252	214.	266.	1630	2510.	2650.	2730.	2000.	3610.	4850.	1620.	2180.
MINIMUM	26.	187.	202.	202	218	227.	2010.	940	963.	568.	577	1620.

10/18/81

THIS REPORT IS FOR WATER YEAR 1983
BUREAU OF RECLAMATION
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CSCI QD
NORTH FORK PAYETTE RIVER AT CASCADE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2300	182.	1600.	1510	1500	260.	1940	2280	335.	2640.	783	1500.
2	2300.	545	1890.	1510	1500	265	1940.	2380.	792	2620.	719.	1060
3	2300.	1480	1910	1510.	1500.	267	1930	2430.	925	2610	719.	870
4	2300.	1380.	1900	1510.	1170.	272.	1940	2420	925.	2650	719	540.
5	2300.	300	1890.	1510.	734.	272.	1940.	2120.	930	2670.	714	540
6	2300.	144.	1500.	1510.	501.	275.	1940.	1150	1200.	2640.	719	620.
7	2290.	143	1020.	1510.	501.	278	1940.	1150.	1560.	2450.	719.	630.
8	2290.	143.	1020.	1510.	320.	280	1940.	1600.	2070.	2010	719.	640.
9	2290	143.	1020.	1510.	228	287.	1950.	1920.	2340.	1800	778.	640.
10	2280.	143.	1010.	1510.	228	293.	1940.	1920.	2160.	1810.	816.	640.
11	2280.	143.	1010	1510	228.	296.	1940.	1910.	1870.	1540.	792	640.
12	1100	144.	1010.	1510.	229.	299.	1940.	1910.	1850.	1200.	925	640
13	130.	143	1110.	1510.	229	309.	1940	1900.	2300.	1060.	1080.	640.
14	140.	143	1410	1510	230.	309	1940.	1900.	2660.	820	1600	640
15	140.	144.	1510	1510	231	401.	1940	1900.	2680	719.	2120	640
16	139.	146.	1510.	1510	231.	1340	1940.	1790.	2690.	724	2260.	1220
17	137.	149	1500.	1510.	234.	1950	1940	1670.	2690.	719	2240.	2190.
18	135.	392.	1510.	1510.	236.	1940.	1940.	1610	2680	724.	2070.	2690.
19	135.	635	1510.	1510.	236.	1940	1940.	1610.	2690	724	1940.	2780.
20	145.	631	1510.	1510.	237.	1940	1940.	1710	2700.	728	1940.	2620.
21	190.	630	1520.	1510.	236.	1940	1930.	1660.	2710.	733	1920.	2320.
22	190.	847	1510.	1520.	236.	1940	1930.	1640.	2740.	733	1930.	2120.
23	190.	1000.	1510.	1520.	236.	1940.	1920.	1640.	2700	733	1930.	2000.
24	174.	1310	1510.	1510.	237.	1930	1940.	1000.	2690.	733	1940.	1980.
25	112.	1500	1510.	1520.	241.	1930.	2050.	850.	2690.	783	1940.	2050.
26	110	1500	1520.	1510.	245.	1940.	2100.	542.	2680.	787.	2000.	2100.
27	129.	1500	1520.	1520.	243.	1940.	2120.	212.	2680.	724	2000.	2090.
28	188.	1500.	1510.	1510.	254.	1930.	2300.	212.	2660	728.	1950.	2020.
29	191.	1210.	1510.	1510.		1940	2280.	212.	2650.	769	1850.	1950.
30	184.	775.	1510.	1510.		1950	2290.	214.	2650	879	1560.	1980.
31	185.		1510.	1510.		1940.		217.		869.	1600.	
TOT IN DSF	29274	19045.	44990.	46850.	12431	34793.	59660.	45679	64897	41329.	44992.	42950
TOT IN AF	58065.	37776.	89238.	92927.	24657	69012.	118336.	90604	128723	81976.	89242	85191
AVERAGE	944.	635	1451.	1511.	444.	1122.	1989.	1474.	2163.	1333	1451.	1432.
MAXIMUM	2300.	1500	1910.	1520.	1500.	1950	2300.	2430.	2740.	2670	2260.	2780.
MINIMUM	110.	143	1010.	1510.	228.	260	1920.	212.	335.	719	714.	540.

THIS REPORT IS FOR WATER YEAR 1984
BUREAU OF RECLAMATION
PACIFIC NORTHWEST REGIONAL OFFICE
FLOW IN C.F.S
CSCI QD
NORTH FORK PAYETTE RIVER AT CASCADE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1990	983.	742.	1610.	929.	164.	1140.	2700.	1190.	4420	1470	2310
2	1990.	967.	740	1590.	903.	166.	1140.	2710	1800	4390.	1480.	2310.
3	1920.	978.	738.	1600.	708.	163.	1160.	2670.	1810	4370	1570.	2320.
4	1780.	972.	730.	1600.	461.	164.	1160.	2700.	2100	4420.	1660.	2320.
5	1720.	978.	725.	1590.	461	169	1170.	2680.	2480.	4440.	1710.	2180.
6	1700.	988.	720.	1590.	461	162	1160.	2670.	2480.	3350.	1770.	2010.
7	1700	967.	700.	1580	325.	156	1150	2660.	2490.	2810.	1870	1850
8	1680.	967.	640.	1570	158.	156.	1150	2640.	2800.	2930.	1930.	1800
9	1720	961.	290	1510.	158	156.	1150.	2580	2950.	2450	1910	1770
10	1710	968.	205.	1550	156.	157.	1140	2560	2960	1740.	1910.	1660
11	1710.	994	200.	1180	157.	158.	1140	2300.	2950	1200.	1960.	1290
12	1610.	967.	300	887.	158.	160	1870.	2710	2960.	908.	2040	1400.
13	1480.	951.	860.	882.	164.	176.	2720.	2700.	2960	841	2050.	1700.
14	1200.	566.	1400.	856.	158.	191.	2740.	2210.	2940.	836.	2150.	1710.
15	1070.	1060.	1550.	862.	162.	380.	2770.	882.	2970.	836.	2230.	1710.
16	1040	1700.	1490.	882.	162.	523.	2760.	898.	2960.	846.	2170.	1970.
17	1020.	781.	1490.	893	160.	523.	2710	978.	2960.	862.	2210	2140
18	1010.	1490.	1470	887	160.	523.	2720.	903.	2960.	862.	2180	2120.
19	999	1410.	1500.	893	160	523.	2690.	811	2300.	862	2210.	2110
20	999	747.	1460	898.	162	523.	2670.	801	2020	856.	2230.	2110
21	977	1040	1470.	903	162.	519.	2670	806.	1760	856	2250.	2100
22	983	1110	1470	903.	163	515.	2660.	796.	1940	887.	2200	2100.
23	972	747	1470	908	164	519.	2670.	806.	1960	1200	2230.	2120
24	972.	747	1470	887.	163.	515.	2690	801.	1970.	1280	2230	1960
25	972.	742	1480	898	163.	528	2630	806	2820.	1310.	2220	1800
26	978.	742.	1510.	908	162.	532.	2700.	806.	3690	1280	2230	1740.
27	999.	742	1570.	908	162.	532.	2700.	811	4580	1340	2260	1740.
28	994.	742.	1630	898.	163.	532	2700.	811	4530	1360.	2330	1770.
29	994.	742.	1580	903.	163.	929.	2700.	806.	4500	1360	2340	1770.
30	978.	742.	1630.	914.		1140.	2700.	801	4430.	1360	2330.	1760.
31	988.		1610.	924.		1140		786		1430.	2340.	
TOT IN DSF	40855.	28491.	34840	34864	7788.	12694.	63130.	50599.	83220	57892	63670	57650
TOT IN AF	81036.	56512.	69105	69153.	15447.	25179.	125218.	100363	165067	114829.	126289	114349.
AVERAGE	1318.	950	1124.	1125.	269.	409	2104.	1632	2774.	1867	2054.	1922.
MAXIMUM	1990.	1700	1630.	1610.	929.	1140.	2770.	2710.	4580.	4440.	2340.	2320.
MINIMUM	972.	566.	200.	856.	156.	156.	1140.	786.	1190.	836.	1470.	1290.

Transfer No 3107

Water Right No. 00000000

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT NOV 29 1984

To Change the Point of Diversion and/or the Place of Use

Department of Water Resources:

Name of applicant Idaho Power Company Phone 383-2 673
Post Office address P O Box 70, Boise, Idaho 83707

A DESCRIPTION OF RIGHT AS RECORDED

1 Right evidenced by

a. Decree No. _____ Decreed to _____ (Name)
in case of _____ vs _____
dated in _____ in _____ county of _____

b License No ~~16390 = 25 cfs~~ ~~16399 = 25 cfs~~, and ~~13827 = 50 cfs~~, issued by the Idaho Department of Water Resources
*65-2232 = 50 cfs, *part of the Payette River Adjudication
c Claim No ~~*65-2338x = 25 cfs~~, on file with the Idaho Department of Water Resources Civil No 3667
~~*65-2338A = 125 cfs~~

2. If applicant is not the original holder of this right, explain how it was acquired and attach a copy of the deed or other evidence of ownership of the land to which the right is appurtenant _____

3. Source of water North Fork Payette River tributary to Payette River

4 Date of priority $\frac{50 \text{ cfs} - 12/3/1918}{125 \text{ cfs} - 8/24/1937}$

5 Water is used for the following purposes:

amount 200 cfs for generation purposes from 1/1 to 12/31
 amount _____ for _____ purposes from _____ to _____
 amount _____ for _____ purposes from _____ to _____
 (month/day — both dates inclusive)

6 Total amount of water under right: a 200 cubic feet per second
&/or
b. _____ acre feet per annum

7 Location of original point of diversion is Lot 1 of Section 26
Township 14 N Range 3 E, B M, in Valley County

Additional points of diversion, if any _____

8 Lands irrigated or place of use

[illegible]

Total number of acres to be irrigated _____

9 Describe any other water rights used for the same purpose as described above 2,000 cfs under Permit No 65-12096 in addition to above 200 cfs under license

10 To your knowledge, has any portion of this water right undergone a period of five or more consecutive years of nonuse? No If yes, describe in item D. REMARKS

B DESCRIPTION OF PORTION OF RIGHT OWNED BY APPLICANT (If the entire right is owned by the applicant, omit part B)

1. Amount of water: a. _____ cubic feet per second &/or
b. _____ acre feet per annum
2. Point of diversion _____ 1/4 _____ 1/4, Section _____ Township _____
Range _____, B.M., _____ County
Additional points _____
3. Place of use: _____

TWP	RANGE	SEC.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				TOTALS
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	

Total number of acres to be irrigated _____

C DESCRIPTION OF RIGHT OR PORTION THEREOF, AFTER THE REQUESTED CHANGE

1. General Information
 - a. Amount of water to be diverted 200 c.f.s. &/or _____ acre feet
 - b. Description of diverting works Penstock to power plant (place of use) immediately below Cascade Dam.
 - c. Describe the reasons for the proposed changes Reconstruction, uprating and relocation of power plant and facilities to a point directly below Cascade Dam.

2. Change in point of diversion ⁶⁶⁵ Lot 5 Perfale Corp. with Nick Ysursa 12/18/89
Point of diversion NE 1/4 NE 1/4, Section 26 Township 14 N
Range 3 E, B.M., Valley County
Additional points None

3. Change in place of use
 - a. Are there liens, mortgages, or contracts on the lands from which you propose to transfer the water right which limit your authority to make the proposed change? Yes _____ No X If yes, provide a statement agreeing to the proposed change from the holder of the lien, mortgage or contract

Describe the affect on the land now irrigated if the place of use is changed pursuant to this transfer

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28 2000

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Describe the land . place of use to which the right will be tra. .

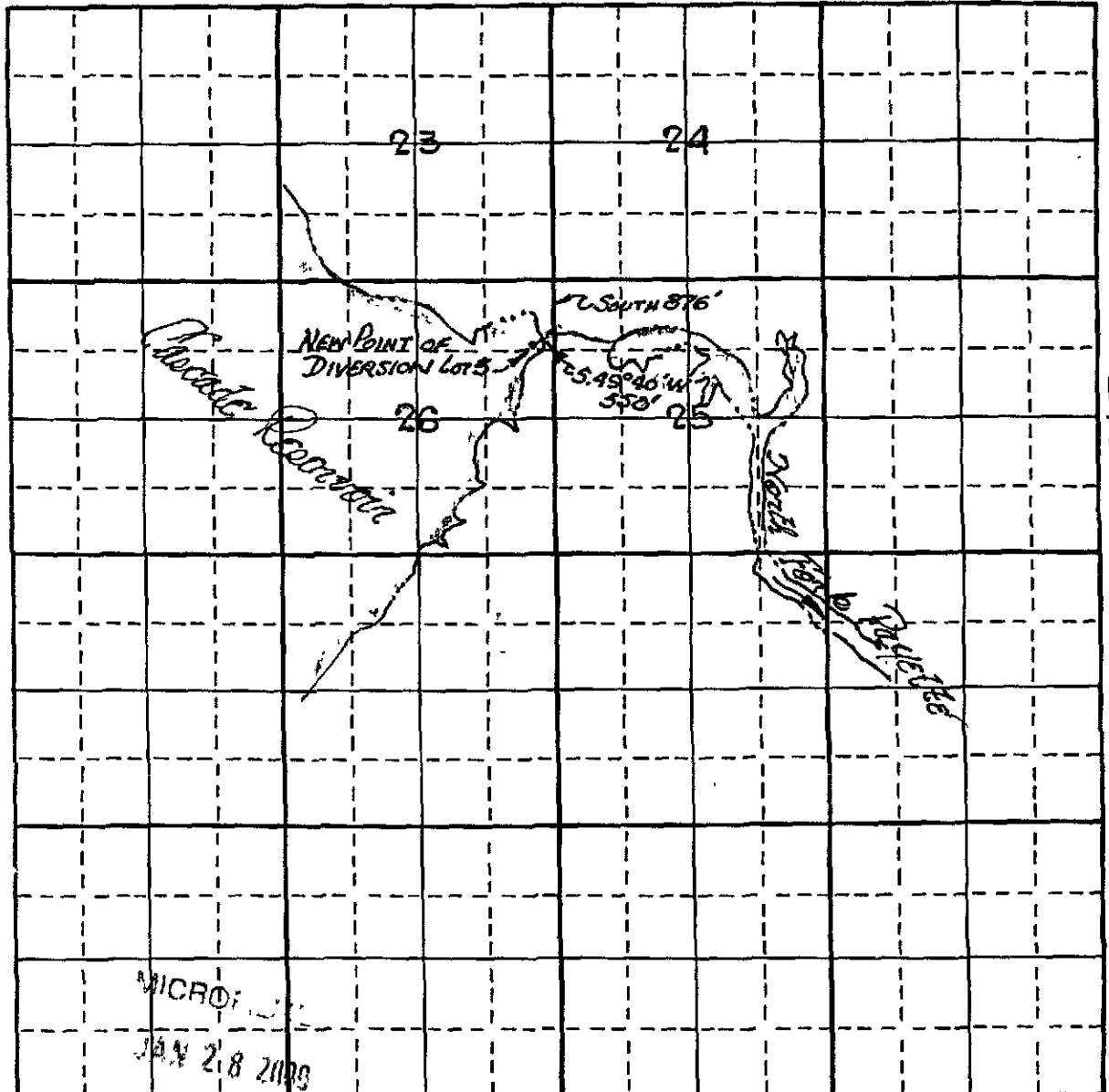
TWP	RANGE	SEC	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
14N	3E	26	X 15																
14N	3E	25					X L3												

Total number of acres to be irrigated _____

4 Describe any other water rights used for the same purpose as described above See response to A 9 above.

5 Draw a map indicating the new point(s) of diversion and/or the new land to be irrigated. Show clearly the land involved by section, township and range number.

T 14 N



SCALE 2 inches equal 1 mile Draw plan in ink

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D REMARK

The place of use for the turbines is located on the line between section 25 and 26,
so both sections were listed as the place of use.

I hereby assert that no one will be injured by such change and that the change does not constitute an enlargement
in use of the original right. The information contained in this application is true to the best of my knowledge.

I understand that any willfull misrepresentations made in this application may result in voiding its approval.

IDAHO POWER COMPANY
By C. E. Bissell
vice President

Subscribed and sworn to before me this 21st day of November, 19 84

Samuel R. Poyard
(Notary Public)

My commission expires 12-31-84

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Transfer of Water Rights No 65-2232/2338A/2338X
and said application is hereby APPROVED, subject to the following limitations and conditions.

Witness my hand this 31st day of July, 19 85

A. Glen Saxton
Chief, Operations Bureau

FOR DEPARTMENT USE ONLY

Received by SL Date 11/29/84 Protest filed by _____
Prelim. check by GLS Fee 500.00
Receipted by JP Date 12/3/84 _____
Published in The Star News _____ Copies of protest forwarded by _____
Pub dates 11/29 & 12/1/85 _____ Hearing held by _____ Date _____
Watermaster recommendation requested on _____ Recommended for approval denial
by ABS Jim _____

MICROFILM

JAN 28 2000
MICROFILM

AJ5809NP
No. R65-02232

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT

DATE: 11/08/99
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	IDAHO POWER CO	12/03/1918	POWER	01-01 12-31	50.000 CFS	
TOTAL DIVERSION:					50.000 CFS	

Water Source: PAYETTE RIVER, NORTH FORK

Tributary to: PAYETTE RIVER

Stage: DECREED

Point(s) of Diversion: T14N R03E S26 Lot05(NENE)

VALLEY County

Place of use Legal Description for: POWER

				NE				NW				SW				SE				
T	R	S	:	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	:
14N	03E	25	:																	:
14N	03E	26	:																	:

POU County: VALLEY

Other Rights: A65-12096, A65-02338A, A65-02338X

Conditions of Approval:

- C18 - THIS PARTIAL DECREE IS SUBJECT TO SUCH GENERAL PROVISIONS
- NECESSARY FOR THE DEFINITION OF THE RIGHTS OR FOR THE EFFICIENT
- ADMINISTRATION OF THE WATER RIGHTS.

Dates: Exam Made Date: Verified Date: Objection Filed Date:

Misc: Water District Number: 65 Field Inspection Flag:
Presumption Flag:

AJ5809NP
No. R65-02338A

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT

DATE: 11/08/99
PAGE: 2

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	IDAHO POWER CO	08/24/1937	POWER	01-01 12-31	125.000 CFS	
TOTAL DIVERSION:					125.000 CFS	

Water Source: PAYETTE RIVER, NORTH FORK

Tributary to: PAYETTE RIVER

Stage: DECREED

Point(s) of Diversion: T14N R03E S26 Lot05(NENE)

VALLEY County

Place of use Legal Description for: POWER

				NE				NW				SW				SE				
T	R	S	:	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	:
14N	03E	25	:																	:
14N	03E	26	:																	:

POU County: VALLEY

Other Rights: A65-12096, A65-02338X, A65-02232

Conditions of Approval:

- C18 - THIS PARTIAL DECREE IS SUBJECT TO SUCH GENERAL PROVISIONS
- NECESSARY FOR THE DEFINITION OF THE RIGHTS OR FOR THE EFFICIENT
- ADMINISTRATION OF THE WATER RIGHTS.

Remarks: USE POWER PLANT AT CASCADE DAM

Dates: Exam Made Date: Verified Date: Objection Filed Date:

Misc: Water District Number: 65 Field Inspection Flag:
Presumption Flag:

AJ5809NP
No. R65-02338X

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT

DATE: 11/08/99
PAGE: 3

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	IDAHO POWER CO	10/06/1925	POWER	01-01 12-31	25.000 CFS	
TOTAL DIVERSION:					25.000 CFS	

Water Source: PAYETTE RIVER, NORTH FORK

Tributary to: PAYETTE RIVER

Stage: DECREED

Point(s) of Diversion: T14N R03E S26 Lot05(NENE)

VALLEY County

Place of use Legal Description for: POWER

				NE				NW				SW				SE				
T	R	S	:	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	:
14N	03E	25	:																	:
14N	03E	26	:																	:

POU County: VALLEY

Other Rights: A65-12096, A65-02338A, A65-02232

Conditions of Approval:

- C18 - THIS PARTIAL DECREE IS SUBJECT TO SUCH GENERAL PROVISIONS
- NECESSARY FOR THE DEFINITION OF THE RIGHTS OR FOR THE EFFICIENT
- ADMINISTRATION OF THE WATER RIGHTS.

Remarks: USE POWER PLANT AT CASCADE DAM

Dates: Exam Made Date: Verified Date: Objection Filed Date:

Misc: Water District Number: 65 Field Inspection Flag:
Presumption Flag:

AJ5809NP
No. R65-12096

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT

DATE: 09/22/99
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	IDAHO POWER CO PO BOX 70 BOISE ID 83707 (208) 383-2200	02/21/1978	POWER	01-01 12-31	2000.000 CFS	
TOTAL DIVERSION:					2000.000 CFS	

Water Source: PAYETTE RIVER, NORTH FORK

Tributary to: PAYETTE RIVER

Stage: PERMIT

Point(s) of Diversion:

T14N R03E S26 Lot05(NENE)

VALLEY County

Place of use Legal Description for: POWER

				NE				NW				SW				SE					
T	R	S	:	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac
14N	03E	25	:																		
14N	03E	26	:	05-P																	

POU County: VALLEY

Other Rights: A65-02338X, A65-02338A, A65-02232.

Other Water Rights with Same Point(s) of Diversion with Stage (Includes All Sources):

A65-02232	A65-02338A	A65-02338X	A65-02927A	A65-02927B	A65-02927C	A65-02927D	A65-02927E	A65-02927F	A65-02927G
A65-02927H	A65-02927J	A65-03580	A65-04031A	A65-04031B	A65-04031X	A65-12096	R65-02232	R65-02338A	R65-02338X
R65-02927A	R65-02927B	R65-03580	R65-04031A	R65-04031B	R65-04031X				

Conditions of Approval:

- A01 - THIS RIGHT IS CONDITIONED UPON COMPLETION OF THE APPROPRIATION
- IN ACCORDANCE WITH THE STATUTORY PROCEDURE FOR APPROPRIATION
- OF WATER RIGHTS. THIS RIGHT REMAINS SUBJECT TO ALL CONDITIONS
- SET FORTH IN THE PERMIT UPON WHICH THIS RIGHT IS BASED, AND WILL
- BE SUBJECT TO ALL CONDITIONS SET FORTH IN THE LICENSE ISSUED BY
- IDWR UPON COMPLETION OF THE STATUTORY APPROPRIATION PROCESS.

Remarks: GEN POWER PLANT AT CASCADE DAM

Dates: Exam Made Date:

Verified Date:

Objection Filed Date:

Misc: Water District Number:

Field Inspection Flag:

Presumption Flag:

Audit: 08/23/99 SVANHOFF 08/24/99 SVANHOFF 09/15/99 SVANHOFF

LICENSE REVIEW CHECKLIST

Permit No 65-12096 Date: 9/22/99 Reviewer: Kay Walker

Change/OK

Name/Address

Source
Point of Diversion

Does change clarify original intended source? If no, void permit
Change (P39/P47) Add (P45/P42) Feds (P43)

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

Place of Use

Change (P41/P47) Add (P41/P42) Feds (P43)

W60 (subdivision description)
W27 (ppu acre limit)

Overlaps Right(s) 65-02232/02338A/02338X
File reviewed Profile reports printed

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

Rate of Diversion

Permitted rate 2000 cfs
Fee Limit 2000 cfs
Measured 2350 cfs
Theoretical _____ cfs

Recommended Total Diversion Rate 2000

Water Uses

Change (P46)

Irrigation _____ cfs _____ af
Stockwater _____ cfs _____ af
Domestic _____ cfs _____ af
Power 2000 cfs _____ af
Total 2000 cfs _____ af

Irrigation - overlap(R58-R61, R62-R65, R66-R69)
supp Gw (WB7/065/079)
overlap spec combined rts (W35)
>1 acre (W31)
Domestic (W01/wb5/070/071/075)
Power (W42 or W43/025/027/R22 or R23)
Fish (042)
Fire (077)
Water Quality (081/R07)
Payette - 042/047/27A N/A

capacity = 2350 cfs

Volume Determination

2000 cfs x 1 9835 x 365 days = 1,447,955 af (vs) _____ acres x _____ (FHR) = _____ af #6

Remarks

use: 1450000. ← per app. process memo #6 & B/U Rule 040.01.b

Additional Conditions YES Watermaster Control

YES GW Measurement/Measuring Device

Other _____

Trust (052/R55 - remove 051)

Non-trust (048/049)

Advance Priority? yes

no

If yes, explain why below

SRBA Claim? YES

Adjust memo _____

Amend Letters _____

W36
W43 - remark
conditions
025
027
R22
R04 -
R43 -

FERC License
issued 2/17/81
+ 50 yrs =
2/1/2031
Lic. #2848

	<u>cfs</u>	<u>Volume</u>
65-02232	50.	36135.
65-02338A	125.	Not on WR
65-02338X	25.	Not on WR
65-12096	2000.	1447955.
<u>Total</u>	<u>= 2200.</u>	<u>1484090.</u>

$$V = 2200 \times 1.9835 \times 365 = 1592750.5$$

↑
when all
combined -

RECEIVED

F-4 19 1987

Form 219
6/86

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Department of Water Resources
BENEFICIAL USE FIEL

65-12096

IDAHO POWER CO.

P/D: SEC 26 TWP 14N RNG 03E
IRRIGATION? N

A. GENERAL INFORMATION

Permit No. _____

1. Owner: IDAHO POWER COMPANY

Phone No. 382-3372

Current Address: P.O. 70 BOISE ID. 83707

2. Accompanied by: GLENN BREWER

EXAM DATE 7/25/86 (7-30-86) comp

Address: 1220 IDAHO ST, P.O. BOX 70 BOISE

Phone No. 383-2480 (BOISE)

Relationship to Permit Holder PROJECT ENGINEER- POWER PLANT CONSTRUCTION

3 Source: NORTH FORK tributary to PAYETTE RIVER
PAYETTE RIVER

7-1-9-87

B. OVERLAP REVIEW

1 Other water rights with same F/O → 65-2232, 65-2338A-2338X,
65-2927 - (WATER RIGHT - TOM DAVIS - (IRR.)) ☐ Copies Attached
PIPE USE IRRIGATOR

2. Other water rights with same point of diversion: NONE
☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable ☒ Alternative diagram attached

SEE ATTACHED DIAGRAM

MICROFILMED

JAN 28 1987

Scale: 1" = _____

- 2 ☒ Copy of U.S.G.S. Quadrangle Attached ☐ Aerial Photo Attached
Showing location(s) of point(s) of diversion and place(s) of use (required). (required for irrigation of 10 acres or more)
☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater)

System Description (continued)

3. Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

RESERVOIR ELEVATION IS 4828-4800 AND TAIL WATER VARIES 4725-4735. SINGLE 12' FT PENSTOCK DIVERSION, WHICH DIVIDES INTO TWO 8.6' PENSTOCKS UNITS WITH FEED INTO PANT. - TWO IDENTICAL KAPLAN TURBINES - KW 6400. MAXIMUM FLOW ABOUT 1400 cfs 1200 cfs PER TURBINE. GOES THROUGH TURBINES AND OUT DRAFT TUBE TO TAIL RACE THEN RIVER CHANNEL - SEE DIAGRAM FOR EXACT SIZES.

☐ See Remarks on page 4 for continuation

4

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
TURBINE	-6400 KW-EACH				
- JAMES		DIA. OF BLADES -	86.6"		
LEFFEL (TYPE)					
	SER. NO.	10025-4			

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

5. 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		26	14N	3E	VALLEY	
GOV. PLATS									SHOWS THAT SHOULD BE LOT NO. 1 BUT MAY NOT BE THE SAME NOW BECAUSE OF RESERVOIR

6. Place(s) of Use:

Indicate Method of Determination

Twp.	Rge.	Sec.	NE¼				NW¼				SW¼				SE¼				Totals
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
14N	3E	26	X																
GOU. PLATS (MICROFISH) SHOW IT BEING																			
GOU. LOT NO. 1 BUT MAY NOT BE BECAUSE																			
OF RESERVOIR.																			

GOV. PLATS (MICROFILM) SHOW IT BEING GOV. LOT NO. 1 BUT MAY NOT BE BECAUSE OF RESERVOIR.

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
USGS RATING						
CHART - SUBMER TUBE - HYDROMAT						
ST						

2. Measurements:

QSCI - GAGE LOCATED 1/4 MILE BELOW DAM AND
IS US. GEOLOGICAL SURVEY STATION - WHICH IS USBR HYDROMAT
SYSTEM - COLLECT DATA AT 5 MINUTE INTERVALS
- STEVENS RECORDER AT SIGHT - WAS READING 1159 CFS
- ALSO SEE ATTACHED SHEETS

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1 Measured Method

SHEETS ATTACHED SHOWING
IDAHO POWER MEASUREMENTS.

2 Alternate Method for Checking Purposes

FLOW METER ON EACH PENSTOCK
AT DAM READ 520 CFS AT TIME OF
EXAM THIS = 1040 cfs

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1), Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3) ; Flow rate: _____ cfs (4)

Water HP (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW. 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)

Panel Input HP. (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

☒ Volume Calculations for Irrigation

$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____

$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____

$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$ _____

2 Volume Calculations for Other Uses

$2000 \times 1.98 \times 365 =$

IT DOESNT
OPERATE AT
THIS CAPACITY
ALL THE TIME
GOES DOWN AS LOW AS 200 CFS

~~$2000 \times 1.98 \times 365 = 1445400$ afa~~
~~DOESNT REQUIRE DOES~~
~~ARE FEET MEASUREMENT~~

H. REMARKS AND OVERLAP REVIEW ANALYSIS

IDAHO POWER HAD WATER RIGHT FOR 200 CFS WITH
A PRIORITY DATE BACK IN ^{EARLY} 1900'S - NEW WATER
RIGHT IS FOR 2000 CFS ON SAME PLACE, SO
TOTAL WATER RIGHT ON PLANT IS FOR 2200 CFS.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
POWER GENERATION	1/1	12/31	2000	~~N/A~~ 1445400 afa
Totals:			2000	1,445,400 afa

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

J. AUTHENTICATION

Field Examiner's Name QUENTIN NESBITT

Signature Quentin Nesbitt

Certification Date _____

Field Report Preparation Date 8-7-86

BD
1/6/87

CONSULTANT SEAL

- K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

MICROFILMED

MAR 02 1948

PROPOSED DIVERSION OF WATER FROM PAYETTE RIVER

INDICATES TOTAL

SOURCE: NORTH FORK, PAYETTE RIVER

RIGHT NUMBER	NAME AND ADDRESS	PRIORITY DATE	USE	USE PERIOD FROM TO	MAX AMOUNT MAX RATE	DIVERSION POINT	PLACE OF USE AND ACREAGE	BASIS FOR RIGHT
65-2060	LAKE RESERVOIR COMPANY 114 NORTH 8TH, PAYETTE, IDAHO 83661 REMARKS: POINTS OF DIVERSION AND PLACES OF USE ARE THOSE OF EMMETT IRRIGATION, FARMER'S CO-OP, ENTERPRISE, LETHA, JOHEL DITCH, AND LOWER PAYETTE DITCH.	5/ 1/1907	IRRIGATION	3/15 11/15	--- AFA 3.00 CFS	*		LICENSE
65-3580	DAVIS, THOMAS J. CASCADE, IDAHO 83611	4/ 1/1917	IRRIGATION	4/15 10/15	--- AFA .84 CFS	LOT 2 S25 T14N R 3E	NESE(7) S25 T14N R 3E NWNW(37) S31 T14N R 4E *44*	BENEFICIAL USE
65-4031X	DAVIS, THOMAS J. CASCADE, IDAHO 83611	4/ 1/1917	IRRIGATION	4/15 10/15	--- AFA 2.50 CFS	LOT 2 S25 T14N R 3E	SESE(5) S13 T14N R 3E NENE(34) NENE(23) SWNE(20) SENE(38) NESE(24) NWSE(25) SWSE(35) SESE(15) S24 T14N R 3E NENE(23) SENE(22) S25 T14N R 3E SWNW(38) SENW(40) NESW(40) NWSW(39) SWSW(38) SESW(29) S19 T14N R 4E NENW(39) SENW(39) NESW(40) SESW(28) S30 T14N R 4E *634*	BENEFICIAL USE
65-3784	NISSULA, RAY & NISSULA, PHYLLIS P. O. BOX 329, CASCADE, IDAHO 83611	4/ 1/1917	IRRIGATION	4/15 10/15	--- AFA .10 CFS	LOT 2 S25 T14N R 3E	LCT 1(4) LCT 2(1) S25 T14N R 3E *5*	BENEFICIAL USE
65-2232	IDAHO POWER COMPANY 1220 IDAHO STREET, BOISE, IDAHO 83706	12/ 3/1918	POWER	1/ 1 12/31	36135.00 AFA 50.00 CFS	LOT 1 S26 T14N R 3E	LOT 2 S25 T14N R 3E	LICENSE
65-0593	BOISE CASCADE CORP. TIMBER & WOOD PRODUCTS DIV., 1010 JEFFERSON STREET, BOISE, IDAHO 83702	7/ 1/1921	INDUSTRIAL	1/ 1 12/31	82.56 AFA 2.67 CFS	NENE S36 T14N R 3E	NENE NWNE S36 T14N R 3E	BENEFICIAL USE

MAR 02, 1979

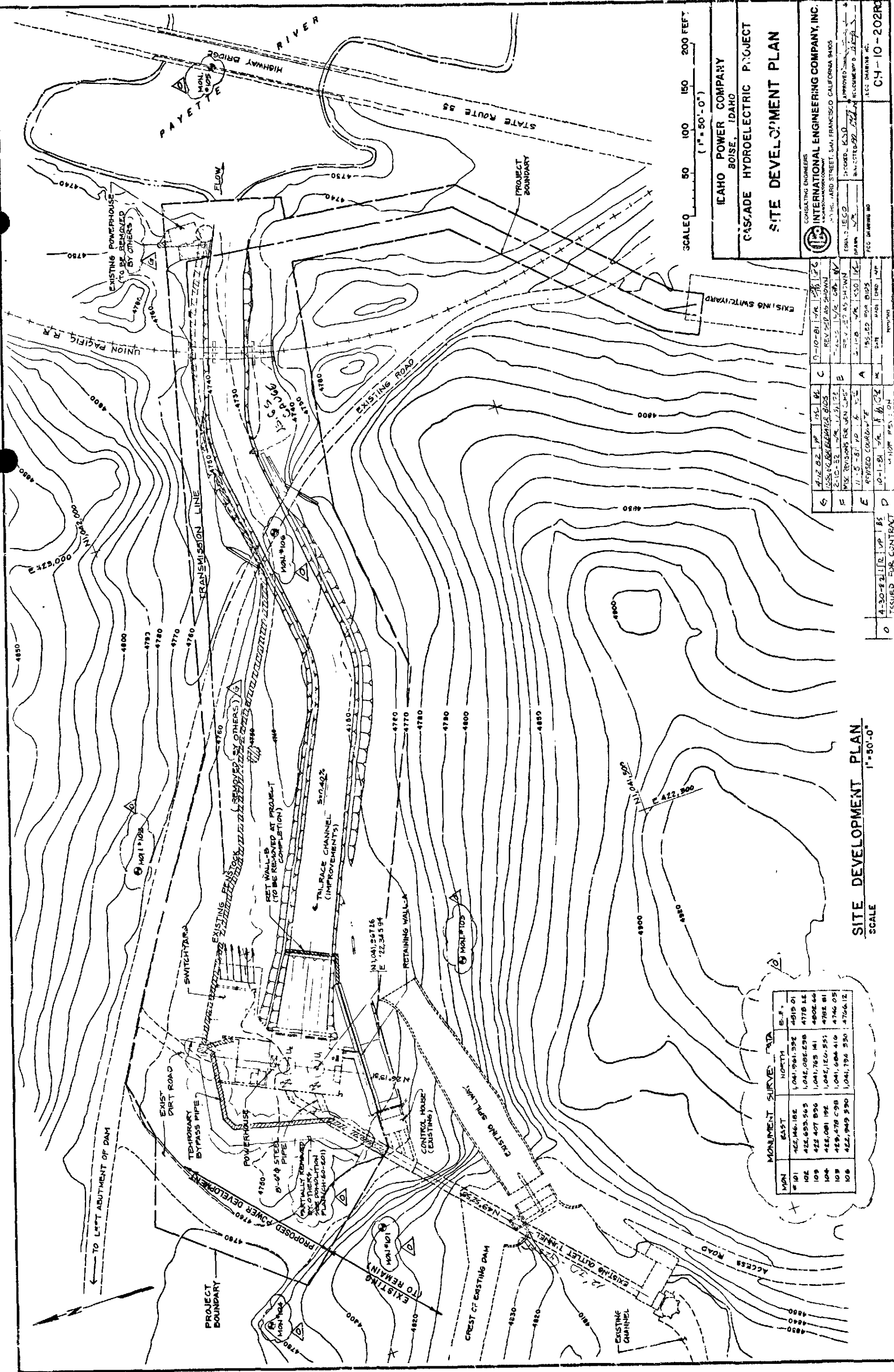
PROPOSED FINDING OF WATER RIGHTS - PAYETTE RIVER DRAINAGE

PAGE 212

INDICATES TOTAL

SOURCE: NORTH FORK, PAYETTE RIVER

RIGHT NUMBER	NAME AND ADDRESS	PRIORITY DATE	USE	USE PERIOD FROM TO	MAX AMOUNT MAX RATE	DIVERSION POINT	PLACE OF USE AND ACREAGE	BASIS FOR RIGHT
65-9080	CULWELL, DELBERT E. 9114 HILL ROAD, BOISE, IDAHO 83703 REMARKS: THIS RIGHT WHEN COMBINED WITH RIGHT 65-9081 SHALL PROVIDE FOR DOMESTIC NO MORE THAN .04 CFS NCR 1.2 AFA.	6/ 1/1924	DOMESTIC	1/ 1 12/31	1.20 AFA .04 CFS	NESH S 8 T18N R 3E	NESH S 8 T18N R 3E	BENEFICIAL USE
65-2318X	IDAHO POWER COMPANY 1220 IDAHO STREET, BOISE, IDAHO 83706	10/ 6/1925	POWER	1/ 1 12/31	--- AFA 25.00 CFS	LOT 1 S26 T14N R 3E	LCT2 S25 T14N R 3E	LICENSE
65-2318A	IDAHO POWER COMPANY 1220 IDAHO STREET, BOISE, IDAHO 83706	8/24/1937	POWER	1/ 1 12/31	--- AFA 125.00 CFS	LOT 1 S26 T14N R 3E	LCT2 S25 T14N R 3E	LICENSE
65-2927	U. S. DEPT. OF INTERIOR BUREAU OF RECLAMATION, ATTA: 424 BOX 043, 550 WEST FORT STREET, BOISE, IDAHO 83724 REMARKS: PLACE OF USE IS PAYETTE RIVER VALLEY.	12/24/1937	POWER STORAGE	1/ 1 12/31	700000.00 AFA --- CFS	LOT 1 S26 T14N R 3E LOT 5 S26 T14N R 3E	SAME AS OTHER USE	LICENSE
			IRRIGATION STORAGE	1/ 1 12/31	700000.00 AFA --- CFS		SAME AS OTHER USE	
			IRRIGATION FROM STOR	1/ 1 12/31	700000.00 AFA --- CFS		SAME AS OTHER USE	
			POWER FROM STOR	1/ 1 12/31	700000.00 AFA --- CFS *700000.00 AFA *--- CFS		SAME AS OTHER USE	
65-10374	ROWLAND, LEONARD BOX 809, MC CALL, IDAHO 83638	6/ 1/1949	DOMESTIC	1/ 1 12/31	1.20 AFA .04 CFS	LOT 3 S 8 T18N R 3E	LCT3 S 8 T18N R 3E	BENEFICIAL USE
65-2534	PANCHERI, DARWIN & PANCHERI, LEAN L. & PANCHERI, DLANE & PANCHERI, LAURA MILBA, IDAHO 83641 REMARKS: THIS RIGHT WHEN COMBINED WITH RIGHT 65-11250 SHALL PROVIDE NO MORE THAN .02 CFS/ACRE.	7/21/1950	IRRIGATION	4/15 10/15	--- AFA 10.00 CFS	SWNE S 6 T13N R 4E	NESH(15) NESE(5) NWSE(26) SWSE(18) SESE(4) LOT13(2) S 6 T13N R 4E NENE(15) NWNE(30) SWNE(40) SENE(21) NEN(4) SENW(13) NESH(18) SESH(9) NESE(33) NWSE(40) SWSE(38) SESE(37) S 7 T13N R 4E LCT12(9) LCT13(9) S 5 T13N R 4E *386*	LICENSE



MON	MONTHLY SURVE		E. F.
	EAST	NORTH	
101	422, 146. 182	1,041, 986. 332	4319. 01
102	423, 535. 565	1,042, 085. 555	4778. 44
103	423, 407. 936	1,041, 765. 141	4802. 46
104	423, 081. 192	1,042, 152. 051	4763. 85
105	422, 478. 098	1,041, 684. 410	4746. 01
106	422, 949. 590	1,041, 794. 250	4766. 12

S	4-12-82	WP	MSL	BL	C	9-10-81	WR	MSL	BL
	3354-42 REPAIRS TO BUCS					REVISED AS SHOWN			
F	2-10-82	WR	1/2 H	1/2	E	W/2	WR	WR	WR
	W/2 REPAIRS FOR GEN CUS					REVISED AS SHOWN			
E	11-5-81	WP	4	W/2	A	W/2	WR	W/2	W/2
	REPAIRS CUMMINS					REVISED AS SHOWN			
D	10-1-81	WR	1/2 H	1/2	M	10-5-82	WR	WR	WR
	W/2 REPAIRS TO ON					REVISED AS SHOWN			

SITE DEVELOPMENT PLAN
SCALE 1" = 50'-0"

IDAHO POWER COMPANY	BOISE, IDAHO	CASCADE HYDROELECTRIC PROJECT	SITE DEVELOPMENT PLAN
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 CONSULTING ENGINEERS
INTERNATIONAL ENGINEERING COMPANY, INC.
A SUBSIDIARY OF TETRA TECH COMPANY
120 HILLARD STREET, S.F. FRANCISCO CALIFORNIA 94105

DESK: 1100 11/10/77 11/10/77	APPROVED: KSO REJECTED: 11/10/77 RECOMMEND: 11/10/77	APPROVED: 11/10/77 RECOMMEND: 11/10/77
------------------------------------	--	---

H10 10W. - ABLE
HANDLE 2000 cts

APRIL 1, 1986

CASCADE STATION RECORDS NO. 1

HR OF DAY	GENERATOR NO 1				GENERATOR NO 2				TOTAL			MISC. VISUAL CHECKLIST																																																																																																																																																			
	GEN		DEP		GEN		DEP		GEN	DEP	NET	MISC. VISUAL CHECKLIST																																																																																																																																																			
READING	MWH	READING	MWH	READING	MWH	READING	MWH			(DIFF)																																																																																																																																																					
MDT 13:00	1307	54	0051	0	1480	54	0041	0	108	0		MOTOR LEAKS																																																																																																																																																			
16:00	1453	38			1426	27			56		36	MAIN TRANSFORMER																																																																																																																																																			
12:00	1425	26			1343	26			52		42	AIR, OIL, FILTERS																																																																																																																																																			
08:00	1504	54			1572	54			108		108	DEPRESS. WATER CHLORINE																																																																																																																																																			
MDT	1545		0051		1618		0041					SERVICE AIR TANK																																																																																																																																																			
TR		162		0		162		0	324	0	324	INSTRUMENT AIR TANK																																																																																																																																																			
PAV		0		0		0		0	0	0	0																																																																																																																																																				
MTH		162				162			324		324																																																																																																																																																				
<table border="1"> <thead> <tr> <th colspan="4">GENERATOR</th> <th colspan="4">GEN. FIELD</th> <th colspan="3">GENERATOR</th> </tr> <tr> <th colspan="2">VOLTS</th> <th colspan="2">AMPS</th> <th colspan="2">VOLTS</th> <th colspan="2">AMPS</th> <th colspan="3">VAR'S</th> </tr> <tr> <th>1</th> <th>2</th> <th>1</th> <th>2</th> <th>1</th> <th>2</th> <th>1</th> <th>2</th> <th>1</th> <th colspan="2">2</th> </tr> </thead> <tbody> <tr> <td>16:00</td> <td>4110</td> <td>4120</td> <td>940</td> <td>920</td> <td>53</td> <td>53</td> <td>2.5</td> <td>340</td> <td>-1.2</td> <td colspan="2">6.0</td> </tr> <tr> <td>12:00</td> <td>4150</td> <td>4120</td> <td>940</td> <td>920</td> <td>50</td> <td>50</td> <td>23.0</td> <td>335</td> <td>-1.4</td> <td colspan="2">-1.2</td> </tr> <tr> <td>08:00</td> <td>4150</td> <td>4110</td> <td>940</td> <td>930</td> <td>86</td> <td>86</td> <td>340</td> <td>360</td> <td>1.0</td> <td colspan="2">4.3</td> </tr> <tr> <td>MAX</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td colspan="2"></td> </tr> </tbody> </table>															GENERATOR				GEN. FIELD				GENERATOR			VOLTS		AMPS		VOLTS		AMPS		VAR'S			1	2	1	2	1	2	1	2	1	2		16:00	4110	4120	940	920	53	53	2.5	340	-1.2	6.0		12:00	4150	4120	940	920	50	50	23.0	335	-1.4	-1.2		08:00	4150	4110	940	930	86	86	340	360	1.0	4.3		MAX																																																																											
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08:00			1175	1175	10.1	43	90	497	507	2100	2100	4180																																																																																																																																																			
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MICROFILMED
JAN 28 2000

THIS ALSO SHOWS
ABLE TO HANDLE 2000 cfs

APRIL 18, 1986

Hand
lower

CASCADE STATION RECORDS NO. 1

DAY	GENERATOR NO. 1				GENERATOR NO. 2				TOTAL			MISC. VISUAL CHECKLIST	
	GEN	DEP	GEN	DEP	GEN	DEP	GEN	DEP	NET	(DIFF)	AIR HOUSING & OIL HEAD	BATTERIES	
9129	53	1051	0	3703	33	6041	106	0	106		MOTOR TEMPS		
9130	53			3506	26		31		31		MAIN TRANSFORMER		
9131	53			3621	31		30		30		AIR BLOWER FILTERS		
9132	53			3517	33		06		106		DOMESTIC WATER CHLORINE		
9133	53			3517		6041					SERVICE AIR TANK		
9134	53			3517					318		INSTRUMENT AIR TANK		
9135	53			3517					318				
9136	53			3517					318				
9137	53			3517					318				
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AT TIME I WAS THERE
IT WAS LOW
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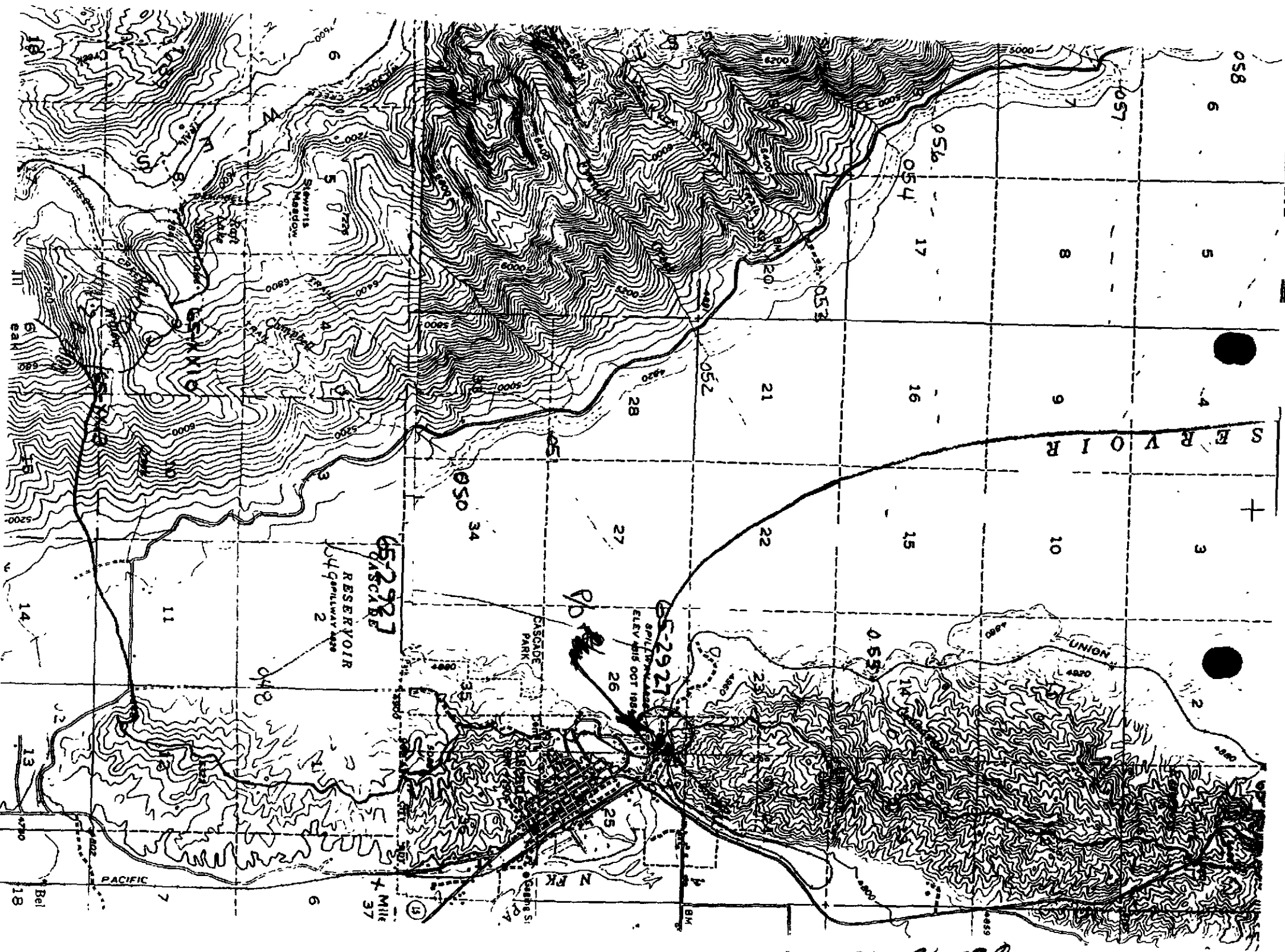
THURSDAY JUL 11

CASCADE STATION RECORDS NO.

HR OF DAY	GENERATOR NO. 1				GENERATOR NO. 2				TO			MISC. VISUAL CHECKLIST								
	GEN		DEP		GEN		DEP		GEN	DEP	NET	AIR HOUSING & OIL HEAD		BATTERIES						
	READING	MWH	READING	MWH	READING	MWH	READING	MWH			(DIFF)									
MDT	1716	0	0053	0	3042	48	0041	0	48			MOTOR TEMPS								
18:00	1716	0			2994	24			24			MAIN TRANSFORMER								
12:00	1716	12			2970	12			24			AIR BLOWER FILTERS								
08:00	1704	48		0	2958	0		0	48			DOMESTIC WATER CHLORINE								
MDT	1626		0053		2958		0041					SERVICE AIR TANK								
TOY		60				84			144			INSTRUMENT AIR TANK								
PRV		1014				462			1476											
MTH		1074				546			1620											
GENERATOR					GEN. FIELD					GENERATOR										
VOLTS		AMPS		VOLTS		AMPS		VAR'S												
1	2	1	2	1	2	1	2	1	2											
18:00		4/50		830		83		350												
12:00		4/30		850		90		380												
08:00	4/20		830		95		380	4.7		11.4										
MAX																				
TRANSFORMER						COMPRESSOR		TODAY		PREV.		DIFF.								
WDG		OIL		TK. PRES.		LN PRES.		LEVEL		ST. AIR NO.1		503.7		503.7						
18:00										ST. AIR NO.2		512.0		510.8						
12:00										BLOWER 1		53.1		53.4						
08:00	70		52		560	8.0		OK		2		134.7		13.5						
MAX										3		31.6		31.6						
										4		108.5		108.5		0.0				
W-K READINGS & D.O.										SWITCHYARD OCB'S					4.18					
HEAD		TAIL		NET		FLOW AT UNITS		D.O.		LINE AMPS		SW. DOUNTER		SW. MECH. PR.		BUS				
						1		2		MC CALL		EMMETT		MC CALL		EMMETT				
18:00						0		1050		6.4		45		20		1/50				
12:00						0		1050		6.7		38		20		4/50				
08:00						1050		0		8.2		43		60		501				
MAX												514		3000		2700				
UNIT STATUS		GEN. NO. 1			GEN. NO. 2			LOCAL SERVICE			CASCADE RESERVOIR									
		TODAY		PREV		MTH		TODAY		PREV		MTH		MAIN		ELEVATION				
GENERATED		10:22		359:12		369:34		13:40		192:47		206:27								
DEPRESSED														TODAY		1294		STORAGE		
RES. OUT		13:38				13:38		10:20		359:11		369:31		PREVIOUS		1293		RIVER TEMP.		
PLAN OUT														TOTAL TODAY		X1.6		USBR RIVER FLOW		
MAINT. OUT														PREV. TOT.		51.2		IN FLOW		
FORCED OUT				192:48		192:48				00:02		00:02		TOT. TO DATE		52.8		PLANT MAX. GEN. FOR MTH.		
TOTAL		24:00		552:00		576:00		24:00		552:00		576:00		FROM		GEN		LINE		
TIME		REMARKS										TODAY		24:00				OFF		
MDT		Unit #1 generating Unit #2										PREV		551:57		00:03				
		In Reservoir - Line = 1050 C.F.S.										TOTAL TO DATE		575:57		00:07				
00:04		General Alarm D.O. Return 2 P.M.																		
00:10		General Alarm D.O. Return 2 P.M.																		
10:20		Unit #2 4.16 kv PCB Closed by Dabey																		
10:22		Unit #1 4.16 kv PCB Opened by Dabey																		
20:29		General Alarm air blower failure																		
20:38		General Alarm Cleared by Dabey																		

MICROFILMED
JAN 28 2000

65-12096-26



1 B

SESW	43	65-8577	09-05-1975 GROUNDWATER	GRASHICK
SESW	43	65-8577	09-05-1975 GROUNDWATER	CALLENDER'S INC
NWSE	43	65-7150	06-01-1970 GROUNDWATER	MAYSE
NWSE	43	65-8436	06-01-1966 GROUNDWATER	ROTHMEL GULDHAUG GULDHAUG GULDHAUG
NWSE	43	65-8862	09-01-1974 GROUNDWATER	HUNT
NWSE	43	65-9009	10-01-1974 GROUNDWATER	CHOAT CHOAT
SWSE	43	65-12436	07-01-1961 GROUNDWATER	SNYDER SNYDER
SWSE	43	65-9636	09-01-1974 GROUNDWATER	CORNIN CORNIN
24 NENE	43	65-12516	04-27-1962 GROUNDWATER	STATE OF IDAHO
SWSW		65-7232	09-01-1971 UNNAMED STREAM	CALLENDERS, INC.
25	02 01	65-3580	04-01-1917 PAYETTE RIVER, NORTH FORK	DAVIS
	02	65-3581	04-01-1957 PAYETTE RIVER, NORTH FORK	DAVIS
	02 01	65-3784	04-01-1917 PAYETTE RIVER, NORTH FORK	NISSULA NISSULA
	02 01	65-4031A	04-01-1957 PAYETTE RIVER, NORTH FORK	DAVIS
	02 01	65-4031B	04-01-1964 PAYETTE RIVER, NORTH FORK	DAVIS
	02 01	65-4031X	04-01-1917 PAYETTE RIVER, NORTH FORK	DAVIS

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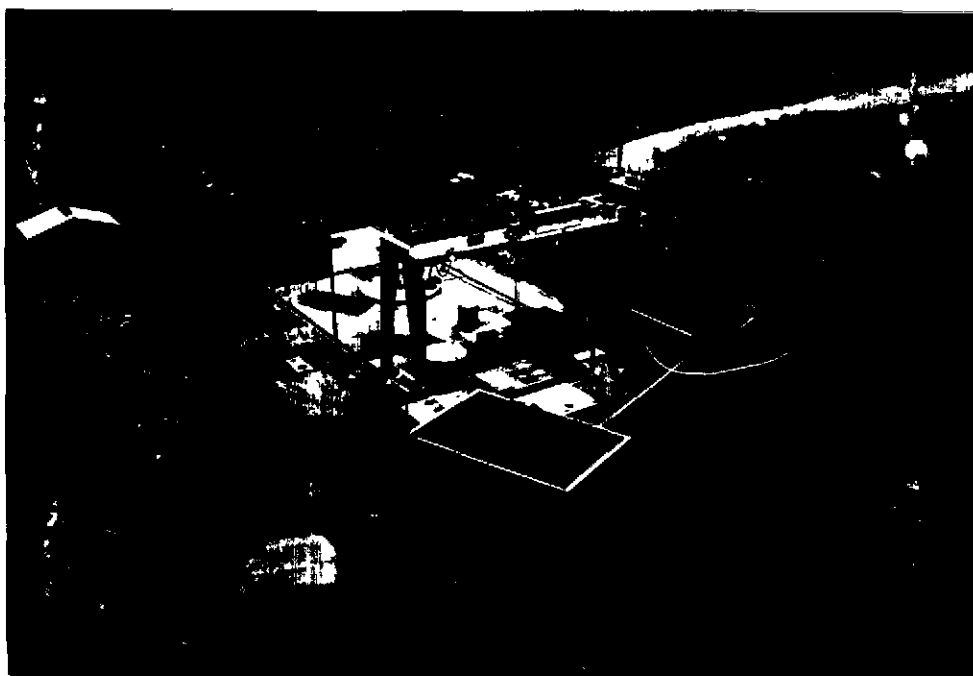
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IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHTS BY POINT OF DIVERSION

PAGE 1597
01/04/1986

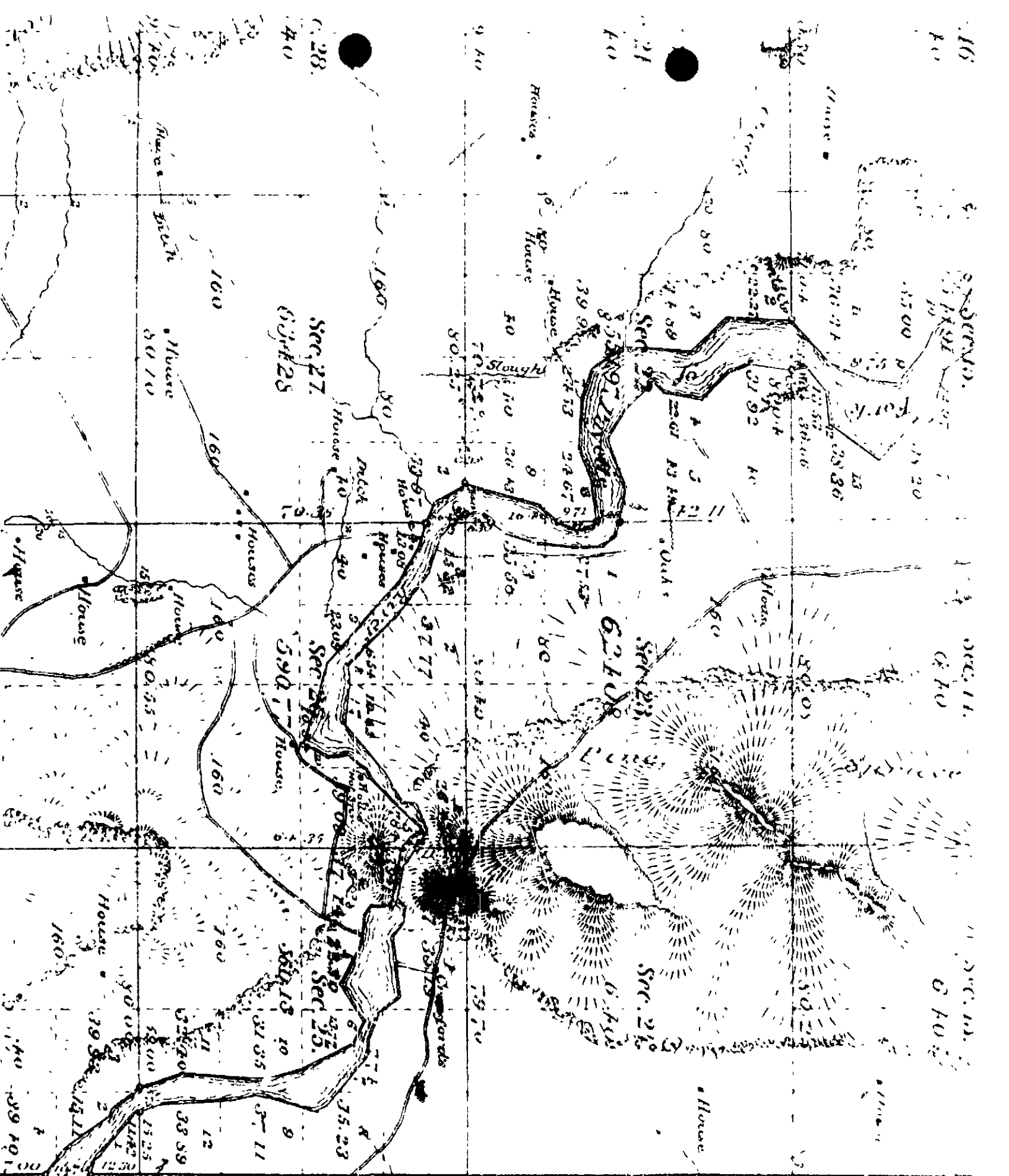
IN	RNG	SEC	TRACT	LOT	USES	WATER RIGHT NUMBER	STAGE PRIORITY	RFLG	SOURCE OF WATER	LAST NAME	OWNER CODE
14N	03E	25		10 07		65-7884	P				
			NENE	02 01		65-4031X	07-05-1977 GROUNDWATER			BOISE CASCADE CORPORATION	
			NWSE	43		65-9798	04-01-1917 PAYETTE RIVER, NORTH FORK			DAVIS	
			SWSW	43		65-6563	07-01-1940 GROUNDWATER			CROMMELL	
			SWSW	43		65-6895	04-01-1940 GROUNDWATER			MC MASTER	
			SWSE	07		65-0594	04-01-1919 GROUNDWATER			CRUTCHER	
			SWSE	43		65-0843	07-01-1957 PAYETTE RIVER, NORTH FORK			BOISE CASCADE CORP.	
							06-01-1914 GROUNDWATER			OREGON SHORT LINE RAILROAD COMPANY UNION PACIFIC RAILROAD COMPANY	
			26	01 28		65-2232	12-03-1918 PAYETTE RIVER, NORTH FORK			IDAHO POWER COMPANY	
				01 28		65-2338A	08-24-1932 PAYETTE RIVER, NORTH FORK			IDAHO POWER COMPANY	
				01 28		65-2338X	10-06-1925 PAYETTE RIVER, NORTH FORK			IDAHO POWER COMPANY	
				01 29, 02, 03, 30		65-2927	12-24-1937 PAYETTE RIVER, NORTH FORK			U.S. DEPT. OF INTERIOR	
				05 29, 02, 03, 30		65-2927	12-24-1937 PAYETTE RIVER, NORTH FORK			U.S. DEPT. OF INTERIOR	
			NENE	28		65-12096	02-21-1978 PAYETTE RIVER, NORTH FORK			IDAHO POWER CO.	
			NENE	01 28		65-2232	12-03-1918 PAYETTE RIVER, NORTH FORK			IDAHO POWER COMPANY	
			NENE	01 28		65-2338A	08-24-1937 PAYETTE RIVER, NORTH FORK			IDAHO POWER COMPANY	
			NENE	01 29, 02, 03, 30		65-2927	12-24-1937 PAYETTE RIVER, NORTH FORK			U.S. DEPT. OF INTERIOR	
			NESE	22		65-12311	05-01-1990 GROUNDWATER			WELLINGTON	
			NESE	22		65-12379	11-03-1980 GROUNDWATER			LARADOGGITTIA	
			NESE	43		65-9032	04-01-1963 GROUNDWATER			CALLENDER	
			SESE	22		65-12379	11-03-1980 GROUNDWATER			LARADOGGITTIA	
			SESE	43		65-8837	01-01-1946 SPRING			KIMBALL	
			28 NWNW	01		65-9951	07-18-1907 FRENCH CREEK			U.S. DEPT. OF AGRICULTURE	
			SWNW	01		65-11295	01-26-1896 UNNAMED STREAM			U.S. DEPT. OF AGRICULTURE	
			NWSE	01		65-9954	06-30-1906 UNNAMED STREAM			U.S. DEPT. OF AGRICULTURE	

MICROFILMED
JAN 28 2000



MICROFILM
JAN 28 2000

65-12096



MICRO

12N 28 2000

4N-3E

Dave,

MICROFILMED

Jan recently spoke ~~with~~ ^{to} Ray
& Jim on calculating volumes for
power permits, & they did not know
how to approach it. Other than
Quentin's example here (the rate times
365 days), what do you suggest?

This is the best we can do. ^{over} Brad

INTER-DEPARTMENT MEMO — 1

FROM

Jim kw

TO

~~KWS~~ Western

RECEIVED

APR 22 1987

DATE

~~4-17-87~~

4/22/87

SUBJECT

Per rules and reg. we need volumes
now on everything except municipal
and Fire Protection.

Please return the field exam to the
region.

P.S. I called Dave T and he
knows we are going to return it.

MICROFILMED

JAN 28 2000
SIGNATURE

Date 4/15/87

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

Permit No. _____

1. Measurement Calculations

- a) Field Measurement Calculations (Include theoretical capacities and system capacity)

see Cascade Station Records #1

Units _{1 & 2} { 4/1/86 - 2350. cfs -
 { 4/18/86 - 2350. cfs

Unit 1 → 7/24/86 - 1050. cfs

Unit 2
was in
reserve

*use 2350.0 cfs as
Capacity of system...
allow 2000.0 cfs for
this right.*

- b) Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$
$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$$
$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = \underline{\hspace{2cm}}$$

- c) Volume Calculations for Other Uses:

N/A - use is non-consumptive

2. Overlap Review

- a) Other water rights with same place of use: *none*

- b) Other water rights with same point of diversion: *50 cfs*
65-2232, 65-2338A, 65-2338X,

65-2927 *65-3580, 65-4031A, 65-4031B, 65-4031X,*

- c) Analysis: *power storage -*
different use
no overlap *all irrig. rights*

65-2232-50. cfs
65-2338A-125. cfs
65-2338X- 25. cfs
200.0 cfs

MICROFILMED

JAN 28 2000

*Capacity can produce enough
water for all rights - kw*

INTER-DEPARTMENT MEMO — 1

DATE 4/14/87

FROM

Kay Walker *KW*

TO

File

65-12096

SUBJECT

Priority should not be advanced on this file. Exam fee was due on June 29, 1986; however, this was on a Sunday. Therefore, Monday, June 30th is acceptable for receipt of the fee without advancing the priority.

MICROFILMED

14N 2 8 2000

SIGNATURE

KEYPUNCHED

O.R. *AD*

4/86

RECEIVED

JUN 27 1986

Department of Water Resources
Western Regional Office

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
EXAMINATION FEE INFORMATION

For Office Use Only
Fee Received 600
Date 7-15-86
Receipt # 40439
Receipt by A.M.R.
Sent to S.O. 7/25/86

1. Permit No. 65-12096

ONE OF THE FOLLOWING BOXES SHOULD BE MARKED TO DESIGNATE YOUR CHOICE:

☒ I choose to have the department make the field examination of this permit; attached is the examination fee. (If this box is marked, complete items 1 thru 8.)

2. Permit Holder: Idaho Power Company

3. Post Office Address: P O Box 70, Boise, Idaho 83707

Telephone No. 383-2673

4. Source of Water: North Fork Payette River

5. Extent of Use:

Domestic _____ (No. of households) Stockwater _____ (No. and type of stock)

Irrigation _____ (acres) Other/Remark power generation

6. Total rate &/or volume for which proof is submitted 2,000 cfs _____ acre-feet

7. Show the date water was first diverted and beneficially used under this permit:

December 29, 1983 -- Unit #2, May 18, 1984 -- Unit #1

8. Person to contact to accompany the department representative during the field examination:

Cascade Power Plant Supervisor

(Name)

P O Box 70, Boise, Idaho 83707

(Address)

382-3372

(Telephone Number)

☐ I choose to have the field examination conducted by a certified water right examiner. Attached is a statement from the certified examiner I have selected verifying that he has been retained to conduct the examination. (If this box is marked, complete items 1 thru 7.)

June 27, 1986

MICROFILMED

C. E. Bissell

Date

Signature of Permit Holder (and title, if appropriate)
C E Bissell, Vice President - Power Plant Construction
and Operations

JAN 28 2000

State of Idaho

Department of Water Resources

LICENSE EXAMINATION FEE SCHEDULE

(c.f.s. = cubic feet per second
AF = acre feet)

cfs	AF	Fee
0 - 0.04	0 - 4	\$ 0
.05 - 0.20	5 - 20	50.00
.21 - 1.0	21 - 100	100.00
1.01 - 2.0	101 - 200	125.00
2.01 - 3.0	201 - 300	150.00
3.01 - 4.0	301 - 400	175.00
4.01 - 5.0	401 - 500	200.00
5.01 - 6.0	501 - 600	225.00
6.01 - 7.0	601 - 700	250.00
7.01 - 8.0	701 - 800	275.00
8.01 - 9.0	801 - 900	300.00
9.01 - 10.0	901 - 1000	325.00
10.01 - 11.0	1001 - 1100	350.00
11.01 - 12.0	1101 - 1200	375.00
12.01 - 13.0	1201 - 1300	400.00
13.01 - 14.0	1301 - 1400	425.00
14.01 - 15.0	1401 - 1500	450.00
15.01 - 16.0	1501 - 1600	475.00
16.01 - 17.0	1601 - 1700	500.00
17.01 - 18.0	1701 - 1800	525.00
18.01 - 19.0	1801 - 1900	550.00
19.01 - 20.0	1901 - 2000	575.00
20.01 & over	2001 & over	600.00

Checks should be made payable to the
Department of Water Resources

No fee is required for single family
domestic use or stockwater use.

BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

IN THE MATTER OF THE APPLICATION	)	CASE NO. U-1006-154
OF IDAHO POWER COMPANY FOR A	)	
CERTIFICATE OF PUBLIC CONVENIENCE	)	
AND NECESSITY--CASCADE PROJECT.	)	ORDER NO. 17291

On February 22, 1980, we issued Order No. 15376 granting Idaho Power Company a Preliminary Certificate of Public Convenience and Necessity for the Cascade Project. The project was described at length in that Order, and we will not repeat that description here.

On March 26, 1982, we received the Idaho Power Company's Motion for issuance of a final Certificate of Public Convenience and Necessity. By Order No. 17217, issued April 7, 1982, we proposed to approve the Company's Motion under modified procedure. The comment period for modified procedure expired today, April 30, 1982.

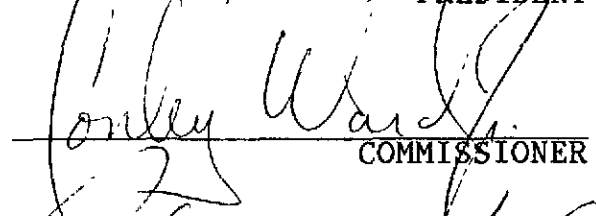
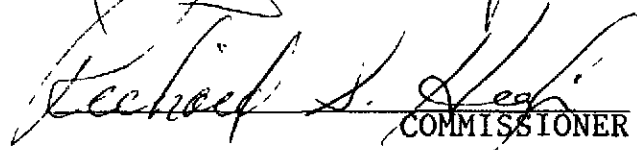
We have received no adverse comments stating a substantial reason not to grant the final Certificate of Public Convenience and Necessity for the Cascade Project. Idaho Power has complied with our requirement in Order No. 17217 to restate its estimates of the cost of the project in 1982 dollars. After reviewing the information received during the comment period, we find for the reasons stated in Order Nos. 15376, 17217 and this Order that it is in the public interest to issue a final Certificate of Public Convenience and Necessity for Idaho Power Company's Cascade Project.

IT IS THEREFORE ORDERED that Idaho Power Company's Motion to issue a final Certificate of Public Convenience and Necessity for the Cascade Project be granted.

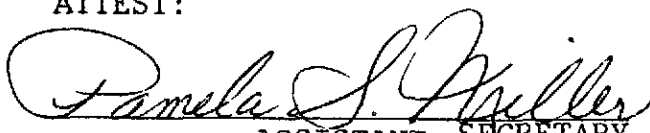
MICROFILMED
JAN 28 2000

ANYONE having an interest in this Order shall have the right within twenty (20) days from the service date of this Order to apply for a rehearing in regard to any matter determined herein.

DONE by Order of the Idaho Public Utilities Commission at Boise, Idaho, this 30th day of April, 1982.


PRESIDENT

COMMISSIONER

COMMISSIONER

ATTEST:


ASSISTANT SECRETARY

ss/5Bo

IN THE MATTER OF THE APPLICATION)
OF IDAHO POWER COMPANY FOR A)
CERTIFICATE OF PUBLIC CONVENIENCE)
AND NECESSITY--CASCADE PROJECT.)

CASE NO. U-1000-154

ORDER NO. 17291

MICROFILMED

ORDER NO. 17291

JAN 28 2009 -2-



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

JOHN V. EVANS

Governor

A. KENNETH DUNN

Director

65-12096
IDAHO POWER CO.
1220 IDAHO ST.
BOISE, ID 83724

Mailing address:
Statehouse
Boise, Idaho 83720

138575

CERTIFIED MAIL

June 5, 1986

EXAMINATION FEE NOTICE

Dear Permit Holder:

Department records show that proof of beneficial use has been submitted for the above-referenced permit, but that a field examination has not yet been conducted to determine the extent of beneficial use of the water for licensing purposes.

House Bill 671 (effective April 4, 1986) enacted by the 1986 Idaho Legislature requires the payment of a fee before this department can conduct the field examination needed to issue a license confirming use of water under the permit. This letter is notification that the license examination fee is due within sixty (60) days of the date of this letter. The examination fee information sheet (enclosed) must be returned with the fee.

As an alternative to submitting the fee, the department will accept a field examination report completed by a certified water right examiner from the private sector. If you choose to have the examination done by a certified water right examiner, you need not submit the license examination fee to the department, but you must within sixty (60) days of the date of this letter return to the department, the examination fee information sheet showing appropriate information together with a statement from the certified examiner to verify that you have retained a certified examiner to conduct the field examination. If you choose this alternative, a completed field examination report must be submitted within one year of the date of this letter. You cannot later change your decision to use this alternative and submit the fee needed for the department to conduct the field examination, but you may change to another certified examiner.

Certified water right examiners are licensed engineers, geologists, or land surveyors certified by the department to conduct water right examinations. The procedure for certifying examiners results from the recently enacted HB 872000 and is being developed at this time. A listing

of certified water right examiners will be available from this department when examiners have been certified.

If your permitted use, in fact, has already been examined by the department and you have not asked to have the examination repeated, the fee requirement is not applicable to your permit. If you believe this is the case, please contact the department.

The license examination fee is to be based on the amount of water you indicate you have developed, as listed in item 6 on the examination fee information sheet. The amount of water on which the examination fee is based can be less than the permitted amount, if less water has been diverted and beneficially used. The licensed amount of water, however, will not exceed the amount you claim on the examination fee information sheet. The enclosed license examination fee schedule shows a listing of applicable fees.

FAILURE TO SUBMIT WITHIN THE SIXTY (60) DAY PERIOD, THE FEE OR THE STATEMENT THAT A CERTIFIED EXAMINER HAS BEEN RETAINED TO MAKE THE FIELD EXAMINATION, WILL BE CAUSE TO ADVANCE THE PRIORITY OF THE PERMIT ONE DAY FOR EACH DAY THAT THE FEE SUBMITTAL IS LATE.

FAILURE TO SUBMIT THE FEE OR THE COMPLETED FIELD EXAMINATION REPORT WITHIN A YEAR WILL BE CAUSE TO CONSIDER THE PROOF OF BENEFICIAL USE TO BE INCOMPLETE AND TO LAPSE THE PERMIT.

The attached examination fee information sheet and the fee may be submitted to the following department offices.

Northern Region

Idaho Dept. of Water Resources
4055 Government Way
Coeur d'Alene, ID 83814
Phone: 765-4639

Eastern Region

Idaho Dept. of Water Resources
150 Shoup Ave., Suite 15
Idaho Falls, ID 83401
Phone: 525-7161

Southern Region

Idaho Dept. of Water Resources
1041 Blue Lakes Blvd. North
Twin Falls, ID 83301
Phone: 734-3578

Western Region

Idaho Dept. of Water Resources
450 W. State St., (Third Floor)
Boise, ID 83720
Phone: 334-2190

Sincerely,



L. GLEN SAXTON
Chief, Operations Bureau

Enclosures

MICROFILMED

JAN 28 2000

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Western Region

Statehouse
Boise, Idaho 83720
(208) 334-2190

DECEMBER 17, 1984

IDAHO POWER CO.
P.O. BOX 70
BOISE

ID 83707

RE: Permit No. 65-12096

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.

If you have any questions regarding the field examination, please contact this office by phone at 334-2190 or in person in the third floor State Towers Building, 450 West State Street, Boise.

Sincerely,
s/Judy Pense
Secretary

MICROFILMED
JAN 28 2000

March 24, 1983

Idaho Power Company
P. O. Box 70
Boise, ID 83707

Gentlemen:

Re: Permit No. 65-12096

Enclosed is a copy of the approved request for extension of time. The time within which to submit the statement of beneficial use postcard is extended to May 1, 1988.

Sincerely,

RITA I. FLECK
Sr. Secretary

Enc: Extension of Time

INTER-DEPARTMENT MEMO — 1

DATE 3-21-83

FROM Jim

TO File

SUBJECT Ext Reg. of 3-17-83

Microfilm
This permit was filed on 2-21-78 but was not approved until 4-8-81 after FERC Approval was received. No delay was caused by FERC after permit was approved. Ext Reg. is recommended for approval on the basis that permit holder has shown due diligence

SIGNATURE



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

EXTENSION OF TIME

March 21, 1983

Idaho Power Company

Box 70

Boise, ID 83707

PERMIT NO. 65-12096

We are in receipt of the \$15 extension fee for Extension(s) of Time to provide additional time in which to submit proof of beneficial use on a water right permit.

Your request for extension(s) of time is being reviewed by staff. You will be informed of our decision when review has been completed.

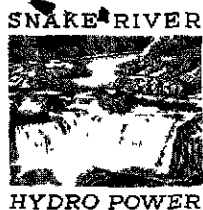
Enclosed is our receipt No. 26410.

Roberta Garrett

Records Supervisor

Enclosure

RECEIVED



IDAHO POWER COMPANY

BOX 70 • BOISE, IDAHO 83707

March 16, 1983

CERTIFIED MAIL

RECEIVED

MAR 17 1983

Department of Water Resources

Ms Rita Fleck
Secretary/Records Manager
State of Idaho
Department of Water Resources
450 West State Street
Boise, ID 83720

Dear Ms Fleck:

Enclosed please find a Request for Extension of Time form for Permit No 65-12096, along with a \$15 check representing filing fee for the permit.

In the event you need more information or have some questions about the information contained in the Request for Extension of Time form, please contact me. My telephone number is 383-2676.

Very truly yours,

Robert W Stahman
Attorney

RWS:jar

Enclosures

IDAHO POWER COMPANY

DESCRIPTION

ORDER NO.

INVOICE NO.

INV DATE

NET

Filing fee for Extension of Water Right Permit

3/8/83

15.00

DETACH THIS STATEMENT BEFORE DEPOSITING CHECK

IDAHO POWER COMPANY

P. O. BOX 70 * BOISE, IDAHO 83707

1083

FROM
IDAHO POWER COMPANY
P O BOX 70 * BOISE, IDAHO 83707

Ms Rita Fleck
Secretary/Records Manager
State of Idaho
Department of Water Resources
450 West State Street
Statehouse
Boise, ID 83720

FIRST
CLASS

CERTIFIED

P21 3489138

MAIL

February 28, 1983

CERTIFIED MAIL

Idaho Power Company
Box 70
Boise, ID 83707

138352

Gentlemen:

Re: Permit No. 65-12096

PROOF DUE NOTICE

One of the conditions of approval of your water permit no. 65-12096 was that proof of the extent of your beneficial use must be submitted to this office on or before May 1, 1983. (See last page of your approved permit or your last approved extension request). Enclosed is a postcard which may be used to submit the required proof.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time provided the delay is for reasonable cause as described in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

Either the beneficial use postcard or a request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

Sincerely,

RITA FLECK
Secretary/Records Manager

Enclosures



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 14, 1983

RE: Water Permit Nos. 65-12096, 65-12097 and 65-12098

Idaho Power Company
Attn: Robert W. Stahman, Attorney
Box 70
Boise, ID 83707

Dear Mr. Stahman:

We are in receipt of your letter requesting extensions of time in which to submit proof to beneficial use of water under the above referenced permits.

The Department will be sending you, at the end of February, correspondence in reference to these permits. In this correspondence you will receive necessary forms with instructions so that you can request the extensions of time at that time.

If you have any questions, please let me know.

Sincerely,

JIM JOHNSON
Water Distribution Supervisor

JJ:kw

MICROFILMED

SNAKE RIVER



HYDRO POWER

IDAHO POWER COMPANY

JAN 13 1983

BOX 70 • BOISE, IDAHO 83720
Department of Water Resources

January 12, 1983

CERTIFIED MAIL

The State of Idaho
Department of Water Resources
Statehouse
Boise, ID 83720

Re: Water Permit Nos 65-12096, 65-12097
and 65-12098 in the Name of
Idaho Power Company ("Permits")

Dear Ms Fleck:

Pursuant to Section 42-204 1., Idaho Code, Idaho Power Company ("Company") hereby requests that the Idaho Department of Water Resources grant the Company an extension of time for a period of five (5) years beyond the May 1, 1983 date by which the Company is required to show proof of construction of works and application of water to beneficial use with respect to the above referenced permits.

The project to which the permits relate is the Company's new Cascade Hydroelectric Project. The Company was prevented from proceeding with construction of the project until obtaining the necessary license from the Federal Energy Regulatory Commission. The license was issued on February 17, 1981 and the Company commenced construction on October 5, 1981.

In the event you have any questions or need additional information, please feel free to contact me. My telephone number is 383-2676.

Very truly yours,

Robert W Stahman
Attorney

RWS:jar

MICROFILMED

SNAKE RIVER



HYDRO POWER

IDAHO POWER COMPANY

BOX 70 • BOISE, IDAHO 83707

August 13, 1981

RECEIVED

AUG 14 1981

Department of Water Resources

Mr David R Tuthill, Jr, P E *DRT*
Supervisor, Water Allocation Section
State of Idaho
Department of Water Resources
Statehouse
Boise, Idaho 83720

Dear Mr Tuthill:

Pursuant to your letter of July 24, 1981, dealing with affidavits necessitated as a result of the 1981 Idaho legislative changes in Section 42-205, Idaho Code, enclosed herewith please find twelve (12) affidavits of Idaho Power Company concerning the applications identified below:

1. No 36-7985 - Briggs Springs.
2. No 36-7984 - Banbury Springs.
3. No 36-7983 - Niagra Springs.
4. No 02-7294 - Kanaka Rapids.
5. No 02-7251 - Dike Project.
6. No 02-7250 - Wiley Project.
7. No 02-7298 - Amendment of Dike Project.
8. No 65-12097 - Horseshoe Bend Project.
9. No 65-12098 - Montour Project.
10. No 65-12210 - North Fork Project (Banks)
11. No 65-12211 - North Fork Project (Ferncroft)
12. No 65-12096 - Cascade Project. ✓

In the event you have any questions or require additional information, please contact me.

Very truly yours,

Robert W Stahman
Attorney

jar

Enclosure



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. LS-12096

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

ENCLOSURE



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

JOHN V. EVANS

Governor

A. KENNETH DUNN

~~Executive Director~~

Director

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

April 23, 1981

Idaho Power Company
P.O. Box 70
Boise, Idaho 83271

Dear Sirs,

RE: Permit No.'s 65-12096/12097/12098

Enclosed is a copy of your approved Application for Permit. We direct your attention to the conditions of approval as listed on the fourth page.

Be sure to note the special condition requiring you to install and maintain a measuring device at your point of diversion prior to submitting proof of beneficial use of water. We have enclosed a letter describing the different types of measuring devices accepted by this office.

Sincerely,

David R. Tuthill, Jr.

DAVID R. TUTHILL, JR.
Supervisor, Water Allocations Section

DRT:mr

Enclosure

SNAKE RIVER



HYDRO POWER

IDAHO POWER COMPANY

BOX 70 • BOISE IDAHO 83707

April 1, 1981

RECEIVED

APR 3 1981

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

Department of Water Resources

Re: Permit Application No.'s 65-12096,
65-12097, and 65-12098

Dear Mr Saxton:

On February 21, 1978 we filed the above referenced applications for the appropriation of waters from the Payette River to be used in connection with the Cascade Dam Project. Pursuant to your letter of April 6, 1978, we were informed that a final decision on these permits would be withheld pending approval by the Federal Energy Regulatory Commission. This approval was given in February, 1981, when the Federal Energy Regulatory Commission license was issued and accepted by the Company. I am forwarding a copy of this Order and would appreciate your immediate action in the final processing of the above referenced water applications.

If there are any questions I could be of assistance with, please contact me at 383-2678. Thank you for your help in this matter.

Sincerely,

Mimzel Priest
Attorney

MP: kb
Enc.

MAILED

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Idaho Power Company)

Project No. 2848

ORDER ISSUING LICENSE (MAJOR)
(Issued February 17, 1981)

Idaho Power Company (Applicant) filed on February 7, 1980, an application for a license under Part I of the Federal Power Act (Act) to construct, operate, and maintain the Cascade Hydroelectric Project No. 2848. The project would be located approximately 200 feet downstream of the Department of the Interior, Water and Power Resources Service's (WPRS) Cascade Dam and Reservoir on the North Fork Payette River in Valley County, Idaho. 1/ The project would utilize waters released from the Cascade Reservoir for irrigation and other purposes. ✓

Notice of the application has been published and comments have been received from interested Federal, State, and local agencies. Black Canyon Irrigation District (District) filed a petition to intervene that was granted on November 20, 1980. No protests were filed. The significant concerns of the commenting agencies and the intervenor are discussed below.

The proposed project would consist of a penstock, a powerhouse with a total installed capacity of 12,800 kW and a 0.3 mile long, 69-kV transmission line connecting the project with the Applicant's existing Cascade Switchyard. 2/ The proposed project would replace the Applicant's existing unlicensed powerhouse which has an installed capacity of 300 kW.

Jurisdiction

The proposed project would occupy United States lands and utilize surplus water or water power from a government dam; thus, it is required to be licensed pursuant to Section 23(b) of the Act.

- 
-
- 1/ Authority to act on this matter is delegated to the Director, Office of Electric Power Regulation, under §375.308 of the Commission's regulations, 45 Fed. Reg. 21216 (1980), amending 44 Fed. Reg. 46449 (1979) and 18 C.F.R. 3.5(g) (1979).
- 2/ A more detailed description of the proposed project works is contained in ordering paragraph (B).

Safety and Adequacy

The project structures, associated only with the generation of electricity are not water impoundment structures. The Cascade Dam and Reservoir are Federal property and are not subject to the Commission's licensing jurisdiction. The proposed project structures will be safe if constructed in accordance with accepted engineering practices and construction procedures.

Economic Feasibility

The January 1980 estimated cost of the project is \$14,962,450. Staff has analyzed the economic feasibility of the project and finds that the project will produce power at less cost than the least cost alternative by approximately \$208,700 per year. 3/

Recreation

There are no existing recreational facilities at the project and Applicant's Exhibit E does not propose any recreational development. The U.S. Department of the Interior (Interior) stated that the Applicant should be responsible for a share of proposed recreational facility development of the adjacent WPRS Cascade Reservoir Project. Applicant responded that it considered its plans appropriate based on a review of all relevant factors and noted that the generation potential of the proposed project is relatively small, the output is seasonal, and thus the economic viability of the project is highly sensitive to increased costs. Applicant did, however, state its willingness to discuss further with appropriate agencies feasible recreation opportunities in relation to the proposed project, should the Commission deem it appropriate.

By retrofitting hydroelectric facilities to an existing dam, a licensee is not relieved of its recreational development responsibilities under the Federal Power Act. It would seem, however, that recreational facilities that are clearly related to the Federal agency's development (as distinguished from the Applicant's power development) are the responsibility

3/ The proposed project, with its average annual generation of 49.9 million kWh, will utilize a renewable resource that will save the equivalent of approximately 88,600 barrels of oil or 23,100 tons of coal per year.

of the Federal agency. Applicant should continue to consult with appropriate agencies to monitor the need for recreational development in the vicinity of the project and determine the extent to which any need could be met by recreational facilities appropriately related to its hydropower development. Article 17 of the license ensures the construction of such reasonable recreational facilities at the project as may be needed in the future.

Water Quality

The U. S. Environmental Protection Agency (EPA) and the Idaho Department of Fish and Game (DFG) are concerned that the proposed deepening of approximately 900 feet of the river channel would eliminate the rapidly falling section of the North Fork Payette River below Cascade Dam, which currently provides reaeration of the oxygen-depleted reservoir waters. DFG is concerned that the reduced dissolved oxygen levels would drive fish away from the project reach of the river and would eliminate a very popular fishery.

Applicant has been sampling dissolved oxygen levels from July to September at the outlet of Cascade Reservoir and downstream of the project in order to determine the magnitude of reaeration which occurs in the project reach of the river. The Applicant indicated that, based on these studies, it would provide for oxygenation of project discharges as part of project design to the extent necessary to ensure compliance with state water quality standards. Based on these assurances, the Idaho Department of Health and Welfare issued a water quality certificate for Project No. 2848 on December 3, 1980.

Article 33 of the license requires the Applicant to consult with appropriate State and Federal agencies in determining measures necessary to ensure that project waters meet the State's dissolved oxygen standard and in devising a plan to monitor dissolved oxygen concentrations at the project to determine the effectiveness of any mitigative measures. The article also requires that reservoir releases bypass the project in the event project releases do not meet State standards.

Federal Versus Private Development

The Water and Power Resources Services (WPRS) operates the Cascade Dam and has expressed interest in developing hydro power at the site. The WPRS has made preliminary studies of the Cascade hydro potential and the results of those studies are included in the WPRS's July 1980 "Report on Assessment of Small Hydroelectric Development at Existing Facilities." The report shows that the

proposed Federal development would have an installed capacity of 3.2 MW and produce about 20 million kWh of energy annually. This would be significantly less than the project proposed by the Applicant with an installed capacity of 12.4 MW producing approximately 49.92 million kWh of energy annually. The Department of the Interior, in a letter dated September 4, 1979, commenting on the permit application for the proposed project, stated that a brief evaluation of the Cascade development showed that there was potential for the installation of 12 MW of capacity.

There would be no additional benefits resulting from Federal rather than private development and, since no firm Federal development plans exist, it would take longer to get the project on line if Federally developed. Also, Federal development of power at the site would require congressional approval. It is concluded that it would be in the public interest to issue a license for the proposed project to the Applicant. 4/

Article 34 of the license requires the Applicant to submit plans and specifications to the Regional Director, Water and Power Resources Service, for review and approval of those facilities that will be an integral part of or that could affect the integrity of the Cascade Dam.

Environmental Impacts

The construction of the powerhouse and the deepening of the riverbed would have a temporary adverse impact on the fish and invertebrates inhabiting the project reach of the North Fork Payette River. Organisms downstream of the proposed project site would be affected to a lesser degree. Approximately 900 feet of the existing river channel and its aquatic habitat would be eliminated by powerhouse construction. The deepening of 800 feet of river channel would temporarily increase turbidity and sedimentation. Temporary diversion of the river may be necessary, but measures would be undertaken to prevent excessive entrainment of sediment in the river. Construction and operation of the project would have no significant long term effect on the fishery resource of the Cascade Reservoir.

4/ Public Law 96-375 authorized the Secretary of the Interior to engage in feasibility investigations of certain water resource developments, including the Cascade Dam as part of the Boise Project Power and Modification Study. Section 13 of Public Law 96-375 specifically provides that "[n]othing in [that act] shall be interpreted to preclude or delay issuance of a license by the Federal Energy Regulatory Commission.

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As discussed earlier, the deepening and leveling of the river bottom would eliminate a rapidly falling section of the river below Cascade Dam resulting in reduced reaeration of the oxygen-depleted reservoir releases. Article 33 of the license requires the Applicant to take measures to ensure that project discharges meet the State dissolved oxygen standard.

Noise, dust, minor erosion, and other short-term disturbances would result from construction and excavation practices. The installation of the 0.3-mile-long transmission line and removal of the existing powerhouse would have a minimal impact on the existing riparian vegetation.

No endangered or threatened plant or animal species are known to occur within the project area. Similarly, no historical or archeological sites would be affected by construction or operation of the project.

For the above reasons, it is concluded that approval of the application would not constitute a major Federal action significantly affecting the quality of the human environment.

Comprehensive Development

The proposed project will have an estimated average annual output of 49,920,000 kWh, and will displace energy that would otherwise be generated by fossil fuel powerplants. The proposed powerhouse will replace an existing powerhouse which has an installed capacity of 300 kW and utilizes only a fraction of the water available. The existing powerhouse produces about 2,620,000 kWh annually. The net increase in energy due to the new powerhouse will be 47,300,000 kWh annually. The new powerhouse will utilize all of the available flow except during periods of low flow and periods of flooding, thereby utilizing about 95% of the available water.

For the above reasons, it is concluded that the project as licensed will be best adapted to a comprehensive plan for development and use of North Fork Payette River for beneficial public use.

Annual Charge for Use of a Government Dam

The Federal Power Act requires the Commission to assess a licensee a reasonable annual charge for use of a Government dam. The annual charge to the Applicant for the use of the Cascade Dam, based upon the sharing of net benefits method and the Applicant's proposed level of development, is as follows:

Net annual benefit divided by 2 = $208,700/2 = \$104,350$

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However, the Commission's Staff is currently reassessing the subject of annual charges for use of government dams for the purpose of making recommendations to the Commission; therefore, a final determination of the charge for the use of the Cascade Dam will be reserved. Article 40 provides for subsequent determination of the charge which will not be more than \$104,350.

Intervenor's Claim for Compensation

The District states that it has certain water storage rights and repayment responsibilities with regard to the Cascade dam and reservoir pursuant to a contract with the United States. The District avers that it holds water storage rights to 52% of the Cascade reservoir capacity; pays annually 45% of the WPRS's operation and maintenance expenses for Cascade dam and reservoir; and has repaid \$5,167,723 of the \$7,346,815 which represents the District's original allocated share of the cost of the Cascade dam and reservoir. On this basis, the District asserts that "Idaho Power Company will thus receive a 'headwater benefit' from the use of the District's water and consequently the District believes it has a compensable interest which it wishes to assert and protect by its intervention here."

The District's claim for compensation for headwater benefit at the Cascade Project is without merit. In return for the benefit provided by the Cascade dam and reservoir, Applicant will be assessed an annual charge for use of the Government dam pursuant to Section 10(e), which will be paid to the United States. To the extent that the District feels it has a compensable interest under its contract with the United States, it should pursue any available remedies under the contract by dealing directly with WPRS. Additionally, even if there were arguably a compensable "headwater benefit" derived by the Applicant by its development at the Cascade dam, Section 10(f) authorizes the Commission to require compensation only to a licensee, a permittee or the United States for such a benefit. The District's asserted interests fall under none of those categories.

It is ordered that:

(A) This license is issued to Idaho Power Company (Licensee), of Boise, Idaho, under Part I of the Federal Power Act (Act), for a period of 50 years, effective the first day of the month in which this order is issued, for the construction, operation, and maintenance of the Cascade Hydroelectric Project No. 2848, located at the Department of the Interior, Water and Power Resources Services (WPRS), Cascade Dam on the North Fork Payette River, in Valley County, Idaho, using surplus water or water power from a

government dam and affecting lands of the United States. This license is subject to the terms and conditions of the Act, which is incorporated by reference as part of this license, and subject to the regulations the Commission issues under the provisions of the Act.

(B) The Cascade Hydroelectric Project No. 2848 consists of:

(1) All lands, to the extent of the Licensee's interest in those lands, constituting the project area and enclosed by the project boundary. The project area and boundary are shown and described by certain exhibits that form part of the application for license and that are designated and described as:

(2) Project works consisting of: (a) a 12-foot diameter steel penstock approximately 20-feet long bifurcated into two 9-foot diameter penstocks, each approximately 65 feet long, connecting the Cascade Reservoir's outlet tunnel to the powerhouse; (b) a concrete powerhouse, located on the north bank of the river, containing two semi-outdoor type generating units with total installed capacity of 12,800 kW; (c) a 4.16/69-kV transformer and switching structures adjacent to the powerhouse; (d) a 0.3-mile long 69-kV transmission line connecting the project to the IPC's Cascade Switchyard, southeast of the powerhouse, and (e) appurtenant facilities.

The location, nature and character of these project works are specifically shown and described by certain exhibits that form a part of the application for license and that are designated and described as:

Exhibit E:

Section 3 of the exhibit entitled "Report on Fish, Wildlife, and Botanical Resources", consisting of 6 pages of text, filed February 7, 1980; and

<u>Exhibit</u>	<u>FERC No. 2848-</u>	<u>Showing</u>
F-1	2	Plan
F-2	3	Profiles and Sections
F-3	4	Power Plans and Sections
G	5	Location and Detail Map

DECLINED

(3) All of the structures, fixtures, equipment or facilities used or useful in the operation or maintenance of the project and located within the project boundary, all portable property that may be employed in connection with the project, located within or outside the project boundary, as approved by the Commission, and all riparian or other rights that are necessary or appropriate in the operation or maintenance of the project.

(C)(1) Exhibits E (Section 3) and F designated in order paragraph (B) above are approved and made part of the license.

(2) Exhibit G designated in ordering paragraph (B) above is approved and made part of the license only to the extent that it shows general location of the project.

(D) This license is also subject to Articles 1 through 32, inclusive, set forth in Form L-2 (revised October, 1975), entitled "Terms and Conditions of License for Unconstructed Major Project Affecting Lands of the United States" attached to and made a part of this license. The license is also subject to the following additional articles:

Article 33. Licensee shall, in consultation with the Idaho Department of Fish and Game, the Idaho Department of Health and Welfare, and the Fish and Wildlife Service and the Water and Power Resources Service of the U. S. Department of the Interior, determine what measures or additional studies are necessary to ensure that the project discharges meet the State of Idaho dissolved oxygen standard. Licensee shall, prior to start of any construction, file a report of its findings and, as a part of the final design, submit any recommendations for changes in project works or operation along with correspondence containing comments from the above named agencies on the recommendations.

The Licensee, following consultation with the aforementioned agencies, shall plan and institute a dissolved oxygen monitoring system immediately downstream from the tailrace and provide annual summaries or summaries at other intervals when requested, to the Idaho Departments of Fish and Game, and Health and Welfare, and the Commission. Licensee shall also provide facilities for oxygenation of project discharges or ensure that procedures exist whereby water releases from the Cascade Dam will bypass the project in order that dissolved oxygen levels meet approved state standards.

Article 34. The design and construction of only those facilities that will be an integral part of or that could affect the integrity of Cascade Dam shall be done in consultation with

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and subject to the review and approval of the Regional Director, Water and Power Resources Service (WPRS), Boise, Idaho. The Commission reserves the right to resolve any disagreement between the Licensee and the Regional Director. Licensee shall reimburse the WPRS for costs they incur in the review and approval of the design and construction of project works directly related to the integrity of Cascade Dam.

Article 35. The Licensee shall have no claim against the United States arising from the effect of any changes made in the operating pool levels of the Cascade Reservoir.

Article 36. Licensee shall file with the Commission's Regional Engineer and the Director, Office of Electric Power Regulation, one copy each of the plans and specifications prior to start of construction. The Director, Office of Electric Power Regulation, may require changes in the plans and specifications so as to assure a safe and adequate project.

Article 37. The Licensee shall commence construction of the project within two years from the effective date of this license and, in good faith and with due diligence, shall prosecute and complete construction of the project works within four years from the effective date of this license.

Article 38. The Licensee shall, to the satisfaction of the Commission's authorized representative, install and operate any barriers, signs, lights, sirens, or other devices that may reasonably be needed to warn the public of fluctuations in flow from the project.

Article 39. Prior to commencement of any construction development of any project works or other facilities at the project, the Licensee shall consult and cooperate with the State Historic Preservation Officer (SHPO) to determine the need for, and extent of, any archeological or historic resource surveys and any mitigative measures that may be necessary. The Licensee shall provide funds in a reasonable amount for such activity. If any previously unrecorded archeological or historic sites are discovered during the course of construction, construction activity in the vicinity shall be halted, a qualified archeologist shall be consulted to determine the significance of the sites, and the Licensee shall consult with the SHPO to develop a mitigation plan for the protection of significant archeological or historic resources. If the Licensee and the SHPO cannot agree on the amount of money to be expended on archeological or historic work related to the project, the Commission reserves the right to require the Licensee to conduct, at its own expense, any such work found necessary.

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Article 40. The Licensee shall pay the United States the following annual charges:

(a) For the purpose of reimbursing the United States for the cost of administration of Part I of the Act, a reasonable amount as determined in accordance with the provisions of the Commission's regulations in effect from time to time. The authorized installed capacity for that purpose is 17,067 horsepower.

(b) For the purpose of recompensing the United States for the use, occupancy, and enjoyment of its lands other than for transmission line right-of-way, a reasonable amount as determined in accordance with the provisions of the Commission's regulations in effect from time to time. The acreage of those lands shall be determined later.

(c) For the purpose of recompensing the United States for the use, occupancy, and enjoyment of its lands for transmission line right-of-way, a reasonable amount as determined in accordance with the provisions of the Commission's regulations in effect from time to time. The acreage of those lands shall be determined later.

(d) For the purpose of recompensing the United States for the use of the Cascade Dam, an amount to be determined later and that shall not exceed \$104,350, subject to possible adjustment at the intervals specified in Section 10(e) of the Act.

Article 41. Pursuant to Section 10(d) of the Act, after first 20 years of operation of the project under license, a specified reasonable rate of return upon the net investment in the project shall be used for determining surplus earnings of the project for the establishment and maintenance of amortization reserves. One half of the project surplus earnings, if any, accumulated after the first 20 years of operation under the license, in excess of the specified rate of return per annum on the net investment, shall be set aside in a project amortization reserve account at the end of each fiscal year. To the extent that there is a deficiency of project earnings below the specified rate of return per annum for any fiscal year after the first 20 years of operation under the license, the amount of that deficiency shall be deducted from the amount of any surplus earnings subsequently accumulated, until absorbed. One-half of the remaining surplus earnings, if any, cumulatively computed, shall be set aside in the project amortization reserve account. The amounts established in the project amortization reserve account shall be maintained until further order of the Commission.

The annual specified reasonable rate of return shall be the sum of the annual weighted cost of long-term debt, preferred stock, and common equity, as defined below. The annual weighted cost for each component of the reasonable rate of return is the product of its capital ratio and cost rate. The annual capital ratio for each component of the rate of return shall be calculated based on an average of 13 monthly balances of amounts properly includable in the Licensee's long-term debt and proprietary capital accounts as listed in the Commission's Uniform System of Accounts. The cost rates for long-term debt and preferred stock shall be their respective weighted average costs for the year, and the cost of common equity shall be the interest rate on 10-year government bonds (reported as the Treasury Department's 10 year constant maturity series) computed on the monthly average for the year in question plus four percentage points (400 basis points).

Article 42. Within one year from the date of commencement of operation of the project, the Licensee shall file for approval "as-built" Exhibits F and G drawings to show the project as finally constructed and located and the amount of the U. S. lands occupied by it.

(E) 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 license or of any other date specified in this order, except as specifically ordered by the Commission. The Licensee's failure to file a petition appealing this order to the Commission shall constitute acceptance of this license and its terms and conditions, it shall be signed by the Licensee and returned to the Commission within 60 days from the date this order is issued.

(S E A L)



William W. Lindsay
Director, Office of Electric
Power Regulation

MICROFILMED

IN TESTIMONY of its acknowledgment of acceptance of all of the terms and conditions of this Order, Idaho Power Company this 13th day of March, 198¹0, has caused its corporate name to be signed hereto by JAMES E BRUCE, its _____ President, and its corporate seal to be affixed hereto and attested by PAUL L JAUREGUI, its _____ Secretary, pursuant to a resolution of its Board of Directors duly adopted on the 12th day of March, 1981, a certified copy of the record of which is attached hereto.

By James E Bruce
President

Attest:

Paul Jauregui
Secretary

(Executed in quadruplicate)

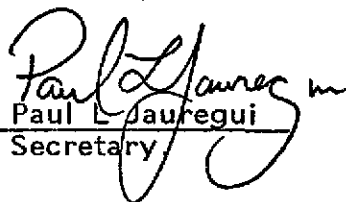
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MARCH 17 1981

STATE OF IDAHO)
) ss
County of Ada)

I, PAUL L JAUREGUI, Secretary of Idaho Power Company, do hereby certify that the following constitutes a full, true and correct copy of a resolution adopted at the regular bi-monthly meeting of the Board of Directors held March 12, 1981, relating to acceptance of the Order Issuing License (Major) for Cascade Hydroelectric Project No 2848.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of Idaho Power Company this 16th day of March, 1981.

(CORPORATE SEAL)


/s/ Paul L. Jauregui
Secretary

RESOLVED, That the officers of the Company be, and they hereby are authorized to acknowledge, accept and execute on behalf of the Company, an Order Issuing License (Major) issued by the Federal Energy Regulatory Commission on February 17, 1981, for the Cascade Hydroelectric Project designated as Federal Energy Regulatory Commission Project No 2848.

**NOT
FILMED**

STAFF REVIEW - STATE OFFICE

- | | |
|--|--|
| 1. <u>OK</u> Name vs. Signature | 7. <u>OK</u> Place of Use for other than irrig. |
| 2. <u>OK</u> Source | 8. _____ Place of Use for irrigation (add acres) |
| 3. <u>OK</u> Point of Diversion | 9. <u>OK</u> Property Owner at Pt. of Div. & <u>OK</u>
Pl. of Use |
| 4. <u>OK</u> Amnt. & Period of Use | 10. <u>OK</u> Map |
| 5. <u>OK</u> Descrip. of Diverting Wrks. | 11. <u>OK</u> Fee & Rec't. No. |
| 6. <u>OK</u> Time req. for Proof of B/U | |

Copies Sent To:

_____ Idaho Health Department	_____ U.S.F.S.
_____ Idaho Fish & Game Dept.	_____ Dept. of Lands
_____ Bureau of Land Management	_____ Other

Dam Safety Information _____ (Goes to Permit Section)

Check:

Critical G.W. Area _____ yes _____ no

Other rights on same land _____

Withdrawals of all protests received _____ yes _____ no

Conditions:

ID Power Co. Letter - Snake R. _____	Meas. Dev. or Sc. Meas. _____
ID Power Co. Letter - G.W. & Tribs. _____	Totalizing meter _____
Snake River Condition _____	Supplemental _____
Payette River Letter _____	Right-of-Way Cond. <u>yes</u>
Priority Date <u>2-21-1978</u>	Watermaster Cond. _____
	Wtr. Dist No. _____
Water Quality #16 _____	Meas. Dev. Cond. for apps within a Water Dist. _____
Water Quality #10 _____	
intrastate _____ interstate _____	

*see attached
FERC order*

OIE, 04, 08A, 17, 05 (65 Payette R)

Rejoice

Reviewer

4/1/81

Date

SLW/LDZ

Power Calculations for 65-12096

P = kw

Q = cfs

H = ft

e = efficiency

$$17200 \text{ hpx} \cdot 74 =$$

proposed

12728 kw

2000.0 cfs

85 ft

70% & 80%

Based on 70%

$$P = \frac{Q H e}{11.8} = \frac{2000 \times 85 \times .7}{11.8} = \frac{119000}{11.8} = 10084.7 \text{ kw}$$

$$Q = \frac{P(11.8)}{H e} = \frac{12728(11.8)}{85 \times .7} = \frac{150,190.4}{59.5} = 2524.2 \text{ cfs}$$

Based on 80%

$$P = \frac{Q H e}{11.8} = \frac{2000 \times 85 \times .8}{11.8} = \frac{136,000}{11.8} = 11525.4 \text{ kw}$$

$$Q = \frac{P(11.8)}{H e} = \frac{12728(11.8)}{85 \times .8} = \frac{150,190.4}{68} = 2208.7 \text{ cfs}$$

RA 4/1/81

26, 147, 32
65-2232 A
2338 X
2338 X
65-13210 (26, 137, 32)
65-12096 (26, 137, 32)

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UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

MAR 2 1981

Department of Water Resources

Idaho Power Company)

Project No. 2848

65-12096

ORDER ISSUING LICENSE (MAJOR)

(Issued February 17, 1981)

Idaho Power Company (Applicant) filed on February 7, 1980, an application for a license under Part I of the Federal Power Act (Act) to construct, operate, and maintain the Cascade Hydroelectric Project No. 2848. The project would be located approximately 200 feet downstream of the Department of the Interior, Water and Power Resources Service's (WPRS) Cascade Dam and Reservoir on the North Fork Payette River in Valley County, Idaho. 1/ The project would utilize waters released from the Cascade Reservoir for irrigation and other purposes.

Notice of the application has been published and comments have been received from interested Federal, State, and local agencies. Black Canyon Irrigation District (District) filed a petition to intervene that was granted on November 20, 1980. No protests were filed. The significant concerns of the commenting agencies and the intervenor are discussed below.

The proposed project would consist of a penstock, a powerhouse with a total installed capacity of 12,800 kW and a 0.3 mile long, 69-kV transmission line connecting the project with the Applicant's existing Cascade Switchyard. 2/ The proposed project would replace the Applicant's existing unlicensed powerhouse which has an installed capacity of 300 kW.

Jurisdiction

The proposed project would occupy United States lands and utilize surplus water or water power from a government dam; thus, it is required to be licensed pursuant to Section 23(b) of the Act.

-
- 1/ Authority to act on this matter is delegated to the Director, Office of Electric Power Regulation, under §375.308 of the Commission's regulations, 45 Fed. Reg. 21216 (1980), amending 44 Fed. Reg. 46449 (1979) and 18 C.F.R. 3.5(g) (1979).
- 2/ A more detailed description of the proposed project works is contained in ordering paragraph (B).

Safety and Adequacy

The project structures, associated only with the generation of electricity are not water impoundment structures. The Cascade Dam and Reservoir are Federal property and are not subject to the Commission's licensing jurisdiction. The proposed project structures will be safe if constructed in accordance with accepted engineering practices and construction procedures.

Economic Feasibility

The January 1980 estimated cost of the project is \$14,962,450. Staff has analyzed the economic feasibility of the project and finds that the project will produce power at less cost than the least cost alternative by approximately \$208,700 per year. 3/

Recreation

There are no existing recreational facilities at the project and Applicant's Exhibit E does not propose any recreational development. The U.S. Department of the Interior (Interior) stated that the Applicant should be responsible for a share of proposed recreational facility development of the adjacent WPRS Cascade Reservoir Project. Applicant responded that it considered its plans appropriate based on a review of all relevant factors and noted that the generation potential of the proposed project is relatively small, the output is seasonal, and thus the economic viability of the project is highly sensitive to increased costs. Applicant did, however, state its willingness to discuss further with appropriate agencies feasible recreation opportunities in relation to the proposed project, should the Commission deem it appropriate.

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The U. S. Environmental Protection Agency (EPA) and the Idaho Department of Fish and Game (DFG) are concerned that the proposed deepening of approximately 900 feet of the river channel would eliminate the rapidly falling section of the North Fork Payette River below Cascade Dam, which currently provides reaeration of the oxygen-depleted reservoir waters. DFG is concerned that the reduced dissolved oxygen levels would drive fish away from the project reach of the river and would eliminate a very popular fishery.

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proposed Federal development would have an installed capacity of 3.2 MW and produce about 20 million kWh of energy annually. This would be significantly less than the project proposed by the Applicant with an installed capacity of 12.4 MW producing approximately 49.92 million kWh of energy annually. The Department of the Interior, in a letter dated September 4, 1979, commenting on the permit application for the proposed project, stated that a brief evaluation of the Cascade development showed that there was potential for the installation of 12 MW of capacity.

There would be no additional benefits resulting from Federal rather than private development and, since no firm Federal development plans exist, it would take longer to get the project on line if Federally developed. Also, Federal development of power at the site would require congressional approval. It is concluded that it would be in the public interest to issue a license for the proposed project to the Applicant. 4/

Article 34 of the license requires the Applicant to submit plans and specifications to the Regional Director, Water and Power Resources Service, for review and approval of those facilities that will be an integral part of or that could affect the integrity of the Cascade Dam.

Environmental Impacts

The construction of the powerhouse and the deepening of the riverbed would have a temporary adverse impact on the fish and invertebrates inhabiting the project reach of the North Fork Payette River. Organisms downstream of the proposed project site would be affected to a lesser degree. Approximately 900 feet of the existing river channel and its aquatic habitat would be eliminated by powerhouse construction. The deepening of 800 feet of river channel would temporarily increase turbidity and sedimentation. Temporary diversion of the river may be necessary, but measures would be undertaken to prevent excessive entrainment of sediment in the river. Construction and operation of the project would have no significant long term effect on the fishery resource of the Cascade Reservoir.

4/ Public Law 96-375 authorized the Secretary of the Interior to engage in feasibility investigations of certain water resource developments, including the Cascade Dam as part of the Boise Project Power and Modification Study. Section 13 of Public Law 96-375 specifically provides that "[n]othing in [that act] shall be interpreted to preclude or delay issuance of a license by the Federal Energy Regulatory Commission.

As discussed earlier, the deepening and leveling of the river bottom would eliminate a rapidly falling section of the river below Cascade Dam resulting in reduced reaeration of the oxygen-depleted reservoir releases. Article 33 of the license requires the Applicant to take measures to ensure that project discharges meet the State dissolved oxygen standard.

Noise, dust, minor erosion, and other short-term disturbances would result from construction and excavation practices. The installation of the 0.3-mile-long transmission line and removal of the existing powerhouse would have a minimal impact on the existing riparian vegetation.

No endangered or threatened plant or animal species are known to occur within the project area. Similarly, no historical or archeological sites would be affected by construction or operation of the project.

For the above reasons, it is concluded that approval of the application would not constitute a major Federal action significantly affecting the quality of the human environment.

Comprehensive Development

The proposed project will have an estimated average annual output of 49,920,000 kWh, and will displace energy that would otherwise be generated by fossil fuel powerplants. The proposed powerhouse will replace an existing powerhouse which has an installed capacity of 300 kW and utilizes only a fraction of the water available. The existing powerhouse produces about 2,620,000 kWh annually. The net increase in energy due to the new powerhouse will be 47,300,000 kWh annually. The new powerhouse will utilize all of the available flow except during periods of low flow and periods of flooding, thereby utilizing about 95% of the available water.

For the above reasons, it is concluded that the project as licensed will be best adapted to a comprehensive plan for development and use of North Fork Payette River for beneficial public use.

Annual Charge for Use of a Government Dam

The Federal Power Act requires the Commission to assess a licensee a reasonable annual charge for use of a Government dam. The annual charge to the Applicant for the use of the Cascade Dam, based upon the sharing of net benefits method and the Applicant's proposed level of development, is as follows:

$$\text{Net annual benefit divided by 2} = 208,700/2 = \$104,350$$

However, the Commission's Staff is currently reassessing the subject of annual charges for use of government dams for the purpose of making recommendations to the Commission; therefore, a final determination of the charge for the use of the Cascade Dam will be reserved. Article 40 provides for subsequent determination of the charge which will not be more than \$104,350.

Intervenor's Claim for Compensation

The District states that it has certain water storage rights and repayment responsibilities with regard to the Cascade dam and reservoir pursuant to a contract with the United States. The District avers that it holds water storage rights to 52% of the Cascade reservoir capacity; pays annually 45% of the WPRS's operation and maintenance expenses for Cascade dam and reservoir; and has repaid \$5,167,723 of the \$7,346,815 which represents the District's original allocated share of the cost of the Cascade dam and reservoir. On this basis, the District asserts that "Idaho Power Company will thus receive a 'headwater benefit' from the use of the District's water and consequently the District believes it has a compensable interest which it wishes to assert and protect by its intervention here."

The District's claim for compensation for headwater benefit at the Cascade Project is without merit. In return for the benefit provided by the Cascade dam and reservoir, Applicant will be assessed an annual charge for use of the Government dam pursuant to Section 10(e), which will be paid to the United States. To the extent that the District feels it has a compensable interest under its contract with the United States, it should pursue any available remedies under the contract by dealing directly with WPRS. Additionally, even if there were arguably a compensable "headwater benefit" derived by the Applicant by its development at the Cascade dam, Section 10(f) authorizes the Commission to require compensation only to a licensee, a permittee or the United States for such a benefit. The District's asserted interests fall under none of those categories.

It is ordered that:

(A) This license is issued to Idaho Power Company (Licensee), of Boise, Idaho, under Part I of the Federal Power Act (Act), for a period of 50 years, effective the first day of the month in which this order is issued, for the construction, operation, and maintenance of the Cascade Hydroelectric Project No. 2848, located at the Department of the Interior, Water and Power Resources Services (WPRS), Cascade Dam on the North Fork Payette River, in Valley County, Idaho, using surplus water or water power from a

government dam and affecting lands of the United States. This license is subject to the terms and conditions of the Act, which is incorporated by reference as part of this license, and subject to the regulations the Commission issues under the provisions of the Act.

(B) The Cascade Hydroelectric Project No. 2848 consists of:

(1) All lands, to the extent of the Licensee's interest in those lands, constituting the project area and enclosed by the project boundary. The project area and boundary are shown and described by certain exhibits that form part of the application for license and that are designated and described as:

(2) Project works consisting of: (a) a 12-foot diameter steel penstock approximately 20-feet long bifurcated into two 9-foot diameter penstocks, each approximately 65 feet long, connecting the Cascade Reservoir's outlet tunnel to the powerhouse; (b) a concrete powerhouse, located on the north bank of the river, containing two semi-outdoor type generating units with total installed capacity of 12,800 kW; (c) a 4.16/69-kV transformer and switching structures adjacent to the powerhouse; (d) a 0.3-mile long 69-kV transmission line connecting the project to the IPC's Cascade Switchyard, southeast of the powerhouse, and (e) appurtenant facilities.

The location, nature and character of these project works are specifically shown and described by certain exhibits that form a part of the application for license and that are designated and described as:

Exhibit E:

Section 3 of the exhibit entitled "Report on Fish, Wildlife, and Botanical Resources", consisting of 6 pages of text, filed February 7, 1980; and

<u>Exhibit</u>	<u>FERC No. 2848-</u>	<u>Showing</u>
F-1	2	Plan
F-2	3	Profiles and Sections
F-3	4	Power Plans and Sections
G	5	Location and Detail Map

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FEDERAL ENERGY REGULATORY COMMISSION

(3) All of the structures, fixtures, equipment or facilities used or useful in the operation or maintenance of the project and located within the project boundary, all portable property that may be employed in connection with the project, located within or outside the project boundary, as approved by the Commission, and all riparian or other rights that are necessary or appropriate in the operation or maintenance of the project.

(C)(1) Exhibits E (Section 3) and F designated in order paragraph (B) above are approved and made part of the license.

(2) Exhibit G designated in ordering paragraph (B) above is approved and made part of the license only to the extent that it shows general location of the project.

(D) This license is also subject to Articles 1 through 32, inclusive, set forth in Form L-2 (revised October, 1975), entitled "Terms and Conditions of License for Unconstructed Major Project Affecting Lands of the United States" attached to and made a part of this license. The license is also subject to the following additional articles:

Article 33. Licensee shall, in consultation with the Idaho Department of Fish and Game, the Idaho Department of Health and Welfare, and the Fish and Wildlife Service and the Water and Power Resources Service of the U. S. Department of the Interior, determine what measures or additional studies are necessary to ensure that the project discharges meet the State of Idaho dissolved oxygen standard. Licensee shall, prior to start of any construction, file a report of its findings and, as a part of the final design, submit any recommendations for changes in project works or operation along with correspondence containing comments from the above named agencies on the recommendations.

The Licensee, following consultation with the aforementioned agencies, shall plan and institute a dissolved oxygen monitoring system immediately downstream from the tailrace and provide annual summaries or summaries at other intervals when requested, to the Idaho Departments of Fish and Game, and Health and Welfare, and the Commission. Licensee shall also provide facilities for oxygenation of project discharges or ensure that procedures exist whereby water releases from the Cascade Dam will bypass the project in order that dissolved oxygen levels meet approved state standards.

Article 34. The design and construction of only those facilities that will be an integral part of or that could affect the integrity of Cascade Dam shall be done in consultation with

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and subject to the review and approval of the Regional Director, Water and Power Resources Service (WPRS), Boise, Idaho. The Commission reserves the right to resolve any disagreement between the Licensee and the Regional Director. Licensee shall reimburse the WPRS for costs they incur in the review and approval of the design and construction of project works directly related to the integrity of Cascade Dam.

Article 35. The Licensee shall have no claim against the United States arising from the effect of any changes made in the operating pool levels of the Cascade Reservoir.

Article 36. Licensee shall file with the Commission's Regional Engineer and the Director, Office of Electric Power Regulation, one copy each of the plans and specifications prior to start of construction. The Director, Office of Electric Power Regulation, may require changes in the plans and specifications so as to assure a safe and adequate project.

Article 37. The Licensee shall commence construction of the project within two years from the effective date of this license and, in good faith and with due diligence, shall prosecute and complete construction of the project works within four years from the effective date of this license.

Article 38. The Licensee shall, to the satisfaction of the Commission's authorized representative, install and operate any barriers, signs, lights, sirens, or other devices that may reasonably be needed to warn the public of fluctuations in flow from the project.

Article 39. Prior to commencement of any construction development of any project works or other facilities at the project, the Licensee shall consult and cooperate with the State Historic Preservation Officer (SHPO) to determine the need for, and extent of, any archeological or historic resource surveys and any mitigative measures that may be necessary. The Licensee shall provide funds in a reasonable amount for such activity. If any previously unrecorded archeological or historic sites are discovered during the course of construction, construction activity in the vicinity shall be halted, a qualified archeologist shall be consulted to determine the significance of the sites, and the Licensee shall consult with the SHPO to develop a mitigation plan for the protection of significant archeological or historic resources. If the Licensee and the SHPO cannot agree on the amount of money to be expended on archeological or historic work related to the project, the Commission reserves the right to require the Licensee to conduct, at its own expense, any such work found necessary.

Article 40. The Licensee shall pay the United States the following annual charges:

(a) For the purpose of reimbursing the United States for the cost of administration of Part I of the Act, a reasonable amount as determined in accordance with the provisions of the Commission's regulations in effect from time to time. The authorized installed capacity for that purpose is 17,067 horsepower.

(b) For the purpose of recompensing the United States for the use, occupancy, and enjoyment of its lands other than for transmission line right-of-way, a reasonable amount as determined in accordance with the provisions of the Commission's regulations in effect from time to time. The acreage of those lands shall be determined later.

(c) For the purpose of recompensing the United States for the use, occupancy, and enjoyment of its lands for transmission line right-of-way, a reasonable amount as determined in accordance with the provisions of the Commission's regulations in effect from time to time. The acreage of those lands shall be determined later.

(d) For the purpose of recompensing the United States for the use of the Cascade Dam, an amount to be determined later and that shall not exceed \$104,350, subject to possible adjustment at the intervals specified in Section 10(e) of the Act.

Article 41. Pursuant to Section 10(d) of the Act, after first 20 years of operation of the project under license, a specified reasonable rate of return upon the net investment in the project shall be used for determining surplus earnings of the project for the establishment and maintenance of amortization reserves. One half of the project surplus earnings, if any, accumulated after the first 20 years of operation under the license, in excess of the specified rate of return per annum on the net investment, shall be set aside in a project amortization reserve account at the end of each fiscal year. To the extent that there is a deficiency of project earnings below the specified rate of return per annum for any fiscal year after the first 20 years of operation under the license, the amount of that deficiency shall be deducted from the amount of any surplus earnings subsequently accumulated, until absorbed. One-half of the remaining surplus earnings, if any, cumulatively computed, shall be set aside in the project amortization reserve account. The amounts established in the project amortization reserve account shall be maintained until further order of the Commission.

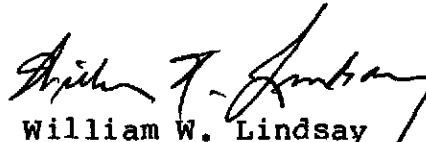
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The annual specified reasonable rate of return shall be the sum of the annual weighted cost of long-term debt, preferred stock, and common equity, as defined below. The annual weighted cost for each component of the reasonable rate of return is the product of its capital ratio and cost rate. The annual capital ratio for each component of the rate of return shall be calculated based on an average of 13 monthly balances of amounts properly includable in the Licensee's long-term debt and proprietary capital accounts as listed in the Commission's Uniform System of Accounts. The cost rates for long-term debt and preferred stock shall be their respective weighted average costs for the year, and the cost of common equity shall be the interest rate on 10-year government bonds (reported as the Treasury Department's 10 year constant maturity series) computed on the monthly average for the year in question plus four percentage points (400 basis points).

Article 42. Within one year from the date of commencement of operation of the project, the Licensee shall file for approval "as-built" Exhibits F and G drawings to show the project as finally constructed and located and the amount of the U. S. lands occupied by it.

(E) 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 license or of any other date specified in this order, except as specifically ordered by the Commission. The Licensee's failure to file a petition appealing this order to the Commission shall constitute acceptance of this license and its terms and conditions, it shall be signed by the Licensee and returned to the Commission within 60 days from the date this order is issued.

(S E A L)


William W. Lindsay
Director, Office of Electric
Power Regulation



Project No. 2848

IN TESTIMONY of its acknowledgment of acceptance of all of the terms and conditions of this Order, Idaho Power Company this _____ day of _____, 1980, has caused its corporate name to be signed hereto by _____, its _____ President, and its corporate seal to be affixed hereto and attested by _____, its _____ Secretary, pursuant to a resolution of its Board of Directors duly adopted on the _____ day of _____, 19____, a certified copy of the record of which is attached hereto.

By _____
President

Attest:

Secretary

(Executed in quadruplicate)

January 15, 1980

Robert W. Stahman
Idaho Power Company
Box 70
Boise, Idaho 83707

RE. Applications 02-7250, 02-7251, 65-12096, 65-12097
65-12210, 65-12098 and 65-12211

Dear Mr. Stahman:

In response to your letter of January 5, 1981, I hope to answer your questions as follows:

1. The Department applies the public interest criterion of 42-203, Idaho Code, to all applications for permit upon which the director had not taken final action as of March 29, 1978 and upon all applications received after that date. This reading of the amendment was approved by the Fifth Judicial District Court, Gooding County, in an opinion entered on March 7, 1979 in Case No. 17382, concerning amended application for permit no. 36-7659 in the name of Hidden Springs Trout Ranch, Inc. The case is presently awaiting oral argument and decision before the Idaho Supreme Court in Case No. 13350.

2. Section 42-203, Idaho Code, defines local public interest "as the affairs of the people in the area directly affected by the proposed use." This criterion is to be applied for all applications "whether protested or not protested." The Department interprets this provision to mean that all applications for permit to appropriate the public waters of the State of Idaho for beneficial use must be reviewed in light of this local public interest standard. The statute authorizes the director to deny an application, partially approve it, or approve it with conditions, depending upon the anticipated effect of the proposed beneficial use upon the local public interest.

The single judicial decision interpreting the public interest criterion of 42-203 indicates that the department should make specific findings regarding local public interest. District Judge Gerald F. Schroeder issued an opinion on December 22, 1980 in Ada County consolidated cases no. 70326, 70341 and 70342, involving an application by Trout-Co for water for fish propaga-

Robert W. Stehman
January 15, 1980
Page 2

tion from Billingsley Creek. Judge Schroeder wrote as follows regarding public interest:

"As noted, it is necessary that the Department make a finding of whether this project is in the public interest. It may not be possible to detail all the considerations that go into that determination. However, several facts and logical relations seem clear. First, as previously outlined, if the Department gives weight to the economic benefits of the project, it should also give consideration to the economic detriments. The effect of the project on water quality should be considered. It is not clear to what extent that was done in this case. The effect of the project on alternative uses of the watercourse should be considered -- e.g., the impact on recreational and scenic uses. The effect on vegetation, wildlife, and other fish should be considered. This is not a catalogue of all factors that may relate to the public interest element, but is a suggestion of factors to be weighed in determining whether the project will or will not be in the public interest. The Court cannot determine the extent to which the Department took any of these matters into account. Therefore, the case must be remanded for the Department to make findings concerning whether the proposed use is in the public interest.

None of the Idaho Power Co. applications referenced in your letter have been protested. However, each application seeks to appropriate a large amount of water for hydropower purposes. The department feels that it has a duty under 42-203 to make findings regarding local public interest before permits can be issued on these applications.

Primarily for reasons of administrative economy, the department would prefer to defer making the required findings on local public interest until any necessary determination has been made by the Federal Energy Regulatory Commission or by the Idaho Public Utilities Commission. If FERC or IPUC refuses to approve the project the proposed water right could not be put to beneficial use and the department would then deny the application for permit. If the project is approved, the department may then utilize the engineering and environmental reports prepared for FERC and IPUC to supply the required information needed to make findings regarding local public interest.

Robert W. Stahman
January 15, 1980
Page 3

Following the described procedure appears to be an efficient use of time and resources both for the department and for the applicant. To take a contrary position would appear to require that the department conduct separate fact-finding hearings on local public interest or require some additional type of environmental report from the applicant to support a finding that the project is in the public interest.

It is noted that the applicant's priority date will be protected pending issuance of the permit. Also, the department could issue the permit shortly after final FERC approval is received. The department is not aware of any prejudice which could occur to the applicant by following this procedure. However, if Idaho Power determines that it would be significantly prejudiced by the procedure proposed to be followed by the department, we would appreciate hearing from you again on this matter.

Sincerely,

L. Glen Saxton
Chief, Operations Bureau

LOS:jh

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January 5, 1981

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Department of Water Resources

Dear Mr Saxton:

1. The public interest criteria set forth in Section 42-203, Idaho Code, became effective on March 29, 1978. Of the above referenced applications, only two (2) were submitted after March 29, 1978, those being (a) Application No 65-12210, and (b) Application No 65-12211, both of which were received by the Department of Water Resources ("Department") on March 26, 1979. All of the remaining five (5) applications referenced above were received by the Department prior to March 29, 1978. Does the Department intend on applying the Public Interest criteria to those applications received by the Department prior to the date such criteria was legally effective?

2. Is the Department, in applying the public interest criteria, considering it in its most general sense as a broad license to promote the general public welfare, or in a narrow sense as legislation regulating the beneficial use of public waters in the State of Idaho? What does the Federal Energy Regulatory Commission consider that impacts upon the regulatory decision of the Department?

Very truly yours,

Rolt W. Stal

Robert W Stahman
Attorney

RWS:slp



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

JOHN V. EVANS

Governor

C. STEPHEN ALLRED

Director

Mailing address:

Statehouse

Boise, Idaho 83720

(208) 334-4440

December 16, 1980

Robert Stahman
Idaho Power Company
P. O. Box 70
Boise, ID 83701

Dear Mr. Stahman:

Re: Applications for Permit No's. 02-7250, 02-7251, 65-12096, 65-12097, 65-12210, 65-12098 and 65-12211

The Department has received and reviewed the petitions filed on behalf of the Idaho Power Company in connection with the above referenced applications. We can see why there may be some misunderstanding and hope in this letter to clarify our past correspondence to you relative to delay of permit approval.

The director must consider the five (5) factors including public interest as described in Section 42-203, Idaho Code in his determination of action on any application submitted whether the application is protested or not protested. Due to the unique nature of applications for water power, the director must pay special attention to the public interest factor in his evaluation of these applications. Since many aspects of public interest are considered in FERC and PUC proceedings, no final action will be taken by the director on water power applications for permit on projects for which PUC and/or FERC approval is necessary until a determination is made by those agencies.

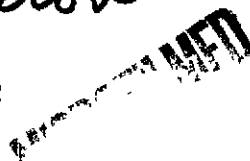
If this determination has been made, please forward evidence of that determination, in order that the director may complete his evaluation of the applications, and ultimately take final departmental action on the applications as you have requested.

If you have questions or wish further clarification of our rationale, please contact me.

Sincerely,

L. GLEN SAXTON
Chief, Operations Bureau

LGS:rf



DEC 8 1980

Department of Water Resources

BEFORE THE DIRECTOR OF THE DEPARTMENT OF
WATER RESOURCES OF THE STATE OF IDAHO

IN THE MATTER OF THE	)	PETITION FOR
APPLICATION FOR PERMIT	)	IMMEDIATE ISSUANCE
NO 65-12096 IN THE NAME OF	)	OF PERMIT
IDAHO POWER COMPANY	)	
	)	

On February 21, 1978, Idaho Power Company ("Idaho") filed Application for Permit No 65-12096 ("Application") with the State of Idaho Department of Water Resources ("Department") to appropriate 2,000 cubic feet per second from the Payette River to be diverted within the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 26, Township 14 North, Range 3 East, Boise Meridian, Valley County, Idaho, to be used for power generation in the Cascade Dam ("Cascade Project").

On April 6, 1978, Idaho received a letter from L Glen Saxton, Chief, Operations Bureau for the Department, wherein it was stated that the Department had advertised the Application as required and that no protests were received. The letter further states, "Final action on these applications will be delayed until the Federal Power Commission approves your project."

For the reasons hereinafter set forth, Idaho herein submits that the Director of the Department cannot delay action on the Application until the Federal Energy Regulatory Commission ("FERC"), the federal agency which replaced the Federal Power Commission ("FPC") (FERC and FPC are hereinafter jointly referred to as "FERC"), grants or denies the issuance of a license to Idaho to construct the Cascade Project.

(1) The Application as Amended was not returned to Idaho for correction under Section 42-204, Idaho Code, and therefore was not defective and was accepted for filing. The requirements of Section 42-203, Idaho Code have been satisfied in that the notice, with the required information, was published in an appropriate newspaper the requisite number of times, and no protests were filed with the Department.

(2) Idaho would further submit that Section 42-204 1, Idaho Code, reflects an intent contrary to the reason for delay set forth in Mr Saxton's letter, wherein it is stated that further action by the Department on the Application and the Amended Application would be delayed pending Idaho's receipt of FERC approval. This section allows the Department to extend that period of five (5) years in which the Applicant has to complete construction work and apply the water to be diverted to beneficial use when the Applicant

"...is prevented from proceeding with his work by his failure to obtain necessary consent or final approval or rejection from the federal government because of the pendency of an application for right of way or other matter within the jurisdiction of the United States,..."
Section 42-204 1, Idaho Code.

This section contemplates that the Director will not delay final action on an application for permit until the federal government has acted, but that the Director will act on such applications either granting or denying them, in part or in whole, and allowing the applicant to rely upon this section in case of delays resulting from inaction on the part of the federal government.



WHEREFORE, it is respectfully submitted that statutory and procedural requirements obligate the Department to act upon the Application of the Company.

DATED this 8th day of December, 1980.

IDAHO POWER COMPANY

Robert W. Stahman
By /s/ Robert W Stahman
Of Counsel

11/11/80

Valley Co.
Power

file ✓ 65-12096
65-12097
65-12098

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UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Department of Water Resources

Idaho Power Company)

Project No. 2848

NOTICE GRANTING INTERVENTION

(November 20, 1980)

On April 3, 1980, public notice was given that Idaho Power Company (Applicant) had filed an application for license for the construction and operation of the Cascade Hydroelectric Project, FERC No. 2848. That notice set June 2, 1980 as the last date for filing comments, protests, petitions to intervene and notices of intent to file a competing application. A notice of intent to file a competing application was timely filed by Black Canyon Irrigation District (District).

On September 30, 1980, the District filed a petition to intervene late in the Project No. 2848 proceeding. The District states that its evaluations have revealed that it has neither the financial resources nor the personnel to pursue a competing application. The District, however, asserts that it has certain water storage rights and repayment responsibilities with respect to the existing Cascade Dam and Reservoir and wishes to intervene to assure recognition and protection of its alleged interests.

Applicant opposes granting the District intervention stating, inter alia, that the District's petition was not filed within the time prescribed in the Commission's notice, failed to show good cause for the late filing and failed to show that its interests are not adequately represented by existing parties.

We note that the District showed an early interest in this proceeding by filing a notice of intent to file a competing application within the initial time period prescribed. Its subsequent evaluations, however, led it to abandon that course and seek to protect its alleged interests as an intervenor in the licensing proceeding. In light of the fact that granting the intervention sought at this point in the proceeding would not hinder or otherwise impede the orderly processing of the application, we find that it would be in the public interest to grant the District's petition.

DC-A-20

Pursuant to §375.302 of the Commission's regulations, 45 Fed. Reg. 21216 (1980), amending 18 C.F.R. 3.5(a) (1979), Black Canyon Irrigation District is permitted to intervene in this proceeding subject to the Commission's Rules and Regulations under the Federal Power Act, 16 U.S.C. §§791(a)-825(r). Participation of the intervenor shall be limited to matters affecting asserted rights and interests specifically set forth in its petition to intervene. The admission of the intervenor shall not be construed as recognition by the Commission that it might be aggrieved by any order entered in this proceeding.

Kenneth F. Plumb
Secretary

FEDERAL ENERGY
REGULATORY COMMISSION
WASHINGTON, D.C. 20426

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REGULATORY COMMISSION
FERC 361



State of Idaho
Department of Water Resources
Statehouse
Boise, Idaho 83720

P-28013



65-12096
IDAHO POWER COMPANY

BOX 70 • BOISE, IDAHO 83707

October 7, 1980

Mr William W Lindsay
Director, Office of
Electric Power Regulation
Federal Energy Regulatory
Commission
825 North Capitol Street, N E
Washington, D C 20426

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OCT 9 1980

Department of Water Resources

Re: Application for license Cascade
Project No. 2848 - Applicant's
response to agency comments.

Dear Mr Lindsay:

Applicant has reviewed the agency letters of comment on the license application for Cascade Hydroelectric Project - No. 2848, and offer the following responses to the primary-issues and concerns raised by the agencies.

WATER QUALITY

Dissolved oxygen is the single water quality characteristic that would be affected by the proposed project, except for possible short term sedimentation during construction. Deepening of the river channel below the dam is expected to minimize the reaeration which presently occurs in that section of the river due to natural turbulence of the falling water. The magnitude of the reaeration which presently occurs and the extent to which this will be reduced by channel deepening is not precisely known.

Studies are now underway which will provide additional data on the dissolved oxygen of waters in the project area, and on the reaeration which occurs in the river below the dam. Based on these studies, Idaho Power will provide for reaeration of the project waters as part of the project design to the extent necessary to replace the natural reaeration which is lost due to channel deepening.

With replacement of the natural reaeration lost to channel deepening, the proposed project will have no long-term adverse impacts on water quality or the related fishery.

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October 7, 1980

As stated at page E-27 of Exhibit E of the application, applicant will undertake whatever measures necessary to prevent excessive entrainment of sediment in the river during power plant construction. Requirements of all applicable federal, state, and local laws and regulations will be strictly adhered to by applicant so as to minimize impacts on water quality and fisheries, if any, and to minimize impacts resulting from sedimentations.

OPERATION CHANGE PROPOSALS

Operation changes being considered by the WPRS to increase inactive reservoir storage space and to reduce emigration of coho salmon during the spring runoff period would not be expected to substantially affect the feasibility of the proposed project. Generally, non-consumptive type changes in project operation to meets fisheries and other environmental needs, but which would not reduce the total volume of water available over the long term for release through the power plant, could likely be accommodated without major adverse effects on the project.

In addition, to the extent that the proposed changes would improve the quality of waters in the reservoir, which are ultimately passed through the power plant, such changes would generally reduce possible difficulties in project operations.

IMPACTS ON FISHERIES RESOURCES

With replacement of the natural reaeration lost to channel deepening, no adverse impacts on fisheries resources are expected to result from the proposed project.

RECREATION PLANS

Recreation plans proposed in the license application are considered by the applicant to be appropriate for this project based on a balanced review of all relevant factors. The proposed project would be constructed at an existing dam (and reservoir) where major impacts on the environment and recreation have previously occurred. In addition, the generation potential is relatively small and output seasonal, thus the economic viability of the project is only sensitive to increased costs.

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October 7, 1980

However, the applicant is willing to discuss further with the appropriate agencies feasible recreation opportunities in relation to the proposed project to the extent that the FERC believes such discussions are necessary and appropriate.

WPRS DEVELOPMENT

The WPRS has indicated a desire to pursue Congressional authorization of feasibility studies for the hydro development at Cascade dam, with the hope that eventual authorization to proceed with design and construction of generating facilities will be forthcoming at a future date.

However, under H.R. 5278 Section 5, which is the most recent Congressional action authorizing studies of this nature, it is stated:

"Nothing in this Act shall be interpreted to preclude or delay issuance of a license by the Federal Energy Regulatory Commission."

To delay granting of Applicant's license because of the possibility of WPRS development would be directly contrary to an express Congressional Act.

WATER RIGHTS

The letter of L Glen Saxton, Chief Operations Bureau, Idaho Department of Water Resources to Mr Lindsay of July 8, 1980 correctly and accurately states applicant's status and duties under the applicable water laws of the State of Idaho. It is adopted as a response to the various concerns expressed.

DISPOSAL OF EXCAVATED MATERIALS

The Valley County Board of County Commissioners has confirmed its willingness to receive excavated materials from the Cascade Project. (See attached letter)

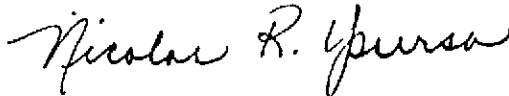
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Mr William W Lindsay
Page Four

October 7, 1980

In the event that Valley County does not accept these materials, alternative means of disposal will be addressed by applicant prior to commencement of construction. At that time, possible impacts of disposal of these materials on neighboring wetlands would be fully evaluated.

Sincerely,



Nicolas R Ysursa
Attorney

NRY:kb

cc: Roger Mochnick, EPA
Thomas Nelson, USDA - Forest Service
Lloyd Duscha, US Army Corps of Engineers
James Rathlesberger, US Dept. of Interior
Merle Wells, Idaho State Hist. Society
Jerry Conley, Fish & Game
Glen Saxton, Dept, of Water Resources

100-111111

Francis W. Gestrin
Chairman of the Board
Everett K. Allen
Commissioner
Adolph Heinrich
Commissioner
J.W. Crutcher
Clerk

Valley County Board of County Commissioners
Court House Building Cascade, Idaho 83611 Phone 382-4297

March 3, 1980

David W. Meyers
Project Manager
Idaho Power Company
P.O. Box 70
Boise, Idaho 83707

Re: Cascade Hydroelectric Project - No.2848
Use of Excavated Materials

Dear Mr. Meyers:

This letter will confirm our understanding of discussions between your consultants, CH2M-Hill, and our Road Supervisor regarding our interest in receiving excavated materials from the Cascade Project.

We will provide a storage area at which we will be able to receive approximately 60,000 cubic yards of material to be excavated from the river bed immediately below Cascade Dam and delivered, as is, by Idaho Power Company.

We understand this material will be delivered between September 1981 and April, 1982 with variation allowed for time required to obtain necessary permits and approvals for the project.

Additional details may be worked out with our Road Supervisor, Mr. Duane Peterson, as the project advances.

Sincerely,



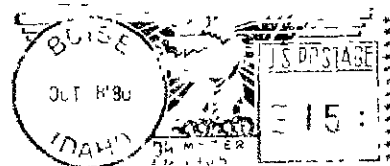
J. W. Crutcher, Clerk
Board of County Commissioners
Valley County, Idaho

jwc:pr



IDAHO POWER COMPANY

P. O. BOX 70 ★ BOISE, IDAHO 83707



Glen Saxton
Department of Water Resources
Statehouse
Boise, Idaho 83720



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

JOHN V. EVANS
Governor

C. STEPHEN ALLRED
Director

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

July 8, 1980

William W. Lindsay, Director
Office of Electric Power Regulation
Federal Energy Regulatory Commission
Washington, DC 20426

Re: Comments on Application for License for the proposed Cascade Hydroelectric
Project No. 2848 -- North Fork Payette River, Valley County, Idaho

Dear Mr. Lindsay:

The Idaho Power Company has filed water right application No. 65-12096 with this Department for power generation at Cascade Dam. The application essentially does not anticipate a new appropriation of water from the Payette River System in a quantitative sense. The application for permit is necessary, however, under state law to establish the use of "power generation" at Cascade Dam even though water stored under a different water right (license 65-2927) will be used for the power generation.

Based on this information, the Department concurs with paragraph B.1 of the application for license: Project No. 2848 describing project operation. The Department anticipates that the addition of the hydroelectric development would not and should not alter the reservoir operation of the existing project. Any proposed changes in operation must meet the requirements of state water law.

Plans and specs for alterations to the dam must be submitted to the Department for review and approval if modification is proposed that could affect the safety of the structure.

Sincerely,

L. GLEN SAXTON
Chief, Operations Bureau

LGS:rf



APR 14 1980

Department of Water Resources

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Idaho Power Company)

Project No. 2848

NOTICE OF APPLICATION FOR A NEW MAJOR LICENSE
(April 3, 1980)

Take notice that on February 7, 1980, the Idaho Power Company (IPC) of Boise, Idaho (Applicant), filed an application for license with the Federal Energy Regulatory Commission [pursuant to the Federal Power Act, 16 U.S.C., Section 791(a) - 825(r)] for construction and operation of the Cascade Hydroelectric Project, FERC No. 2848, to be located approximately 200 feet downstream of the Department of the Interior, Water and Power Resources Service's (WPRS) Cascade Dam and Reservoir on the North Fork Payette River in the County of Valley, Idaho. The project would utilize waters released from the Cascade Reservoir for irrigation and other purposes. Correspondence concerning the application should be sent to Mr. Paul L. Jauregui, Secretary and General Counsel, Idaho Power Company, P. O. Box 70, Boise, Idaho 83707.

Applicant proposes to dismantle and remove its existing unlicensed 300-kW powerhouse and 1,000-foot long wooden penstock downstream of the Cascade Dam and to construct the proposed project that would consist of: (a) a 12-foot diameter steel penstock approximately 20 feet long that would bifurcate into two 9-foot diameter penstocks, each approximately 65 feet long, connecting the Cascade Reservoir's existing outlet tunnel to the powerhouse; (b) a concrete powerhouse, located on the north bank of the river, containing two semi-outdoor type generating units with total rated capacity of 12,800 kW; (c) a 4.16/69-kV transformer and switching structures adjacent to the powerhouse; and (d) a 0.3-mile long 69-kV transmission line connecting the project to the IPC's existing Cascade Switchyard, southeast of the powerhouse. Applicant further proposes to deepen approximately 900 feet of the river channel downstream of the powerhouse to optimize the head.

Applicant has proposed no recreational facilities within the project boundary and estimates the total cost of the project to be \$15 million. Project power would be integrated into the Applicant's interconnected transmission and distribution system.

Competing Applications - Anyone desiring to file a competing application must submit to the Commission, on or before June 2, 1980 either the competing application itself or a notice of intent to file a competing application. Submission of a timely notice of intent allows an interested person to file the competing application no later than September 30, 1980. A notice of intent must conform with the requirements of 18 CFR 4.33(b) and (c), (as amended, 44 Fed. Reg. 61328, October 25, 1979). A competing application must conform with the requirements of 18 CFR 4.33(a) and (d), (as amended, 44 Fed. Reg. 61328, October 25, 1979).

Comments, Protests, or Petitions to Intervene - Anyone desiring to be heard or to make any protest about this application should file a petition to intervene or a protest with the Federal Energy Regulatory Commission, in accordance with the requirements of the Commission's Rules of Practice and Procedure, 18 CFR, §1.8 or §1.10 (1979). Comments not in the nature of a protest may also be submitted by conforming to the procedures specified in §1.10 for protests. In determining the appropriate action to take, the Commission will consider all protests or other comments filed, but a person who merely files a protest or comments does not become a party to the proceeding. To become a party, or to participate in any hearing, a person must file a petition to intervene in accordance with the Commission's Rules. Any comments, protests, or petition to intervene must be filed on or before June 2, 1980. The Commission's address is: 825 North Capitol Street, NE., Washington, D.C. 20426. The application is on file with the Commission and is available for public inspection.

Kenneth F. Plumb
Secretary

FEDERAL ENERGY REGULATORY COMMISSION
WASHINGTON D C 20426
EQUAL OPPORTUNITY EMPLOYER

POSTAGE AND FEES PAID
FEDERAL ENERGY REGULATORY COMMISSION
FERC-351
FIRST CLASS MAIL



State of Idaho
Department of Water Resources
Statehouse
Boise, Idaho 83720

RECEIVED

APR 14 1980

Department of Water Resources

65-
SNAKE RIVER



HYDRO POWER

IDAHO POWER COMPANY

BOX 70 • BOISE, IDAHO 83707

March 24, 1980

Mr. Steven Allred, Director
Dept. of Water Resources
Boise, ID 83720

RECEIVED

MAR 25 1980

Dear Mr. Allred:

Department of Water Resources

SUBJECT: North Fork Payette River Hydroelectric Project
No. 2930
Idaho Power Company

Dear

Pursuant to Article 9, "Order Issuing Preliminary Permit", for the above referenced project, I have been designated by the Idaho Power Company to act as the liaison officer in accordance with the requirements of the preliminary FERC permit. Future correspondence regarding the North Fork Project can be directed to me at the following address:

Mr. Allan R. Ansell
Idaho Power Company
Post Office Box 70
Boise, Idaho 83707
Telephone: (208) 383-2729

Sincerely,

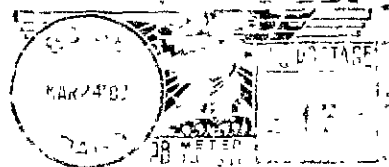
Allan R. Ansell

Allan R. Ansell
Environmental Biologist

ARA:lf

IDAHO POWER COMPANY

P.O. BOX 70 ★ BOISE, IDAHO 83707



Mr. Steven Allred, Director
State of Idaho
Dept. of Water Resources
Statehouse
Boise, ID 83720

MICROFILMED

RECEIVED

SEP 27 1967

Department of Water Resources BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

IN THE MATTER OF THE APPLICATION)
OF IDAHO POWER COMPANY FOR A CERTI-)
FICATE OF PUBLIC CONVENIENCE AND)
NECESSITY)

CASE NOS. U-1006-151
U-1006-154
NOTICE OF HEARING

Norm
Legal
→ Should we
be involved?

YOU ARE HEREBY NOTIFIED that the Idaho Public Utilities Commission has received applications from the Idaho Power Company in the above entitled matters.

Case No. U-1006-151

The application in Case No. U-1006-151 requests a Certificate of Convenience and Necessity authorizing the construction of a hydro-electric project located on the North Fork of the Payette River in the Counties of Valley and Boise in the State of Idaho. The project, designated the "North Fork of the Payette Project," will consist of two developments, denominated the Ferncroft Development and the Banks Development. The developments will be located as follows:

(a) Ferncroft (the Upper Development) -- The diversion weir will be located about three miles downstream from Smiths Ferry at the lower end of a horseshoe bend in the river at river mile 15.1 and is in Lot 4, Section 26, Township 11 North, Range 3 East, Boise Meridian, Valley County. The headrace tunnel will extend from the intake at the diversion weir approximately 38,000 feet to an underground surge tank located approximately 1500 feet North of Howell Creek. The powerhouse will be located in an underground cavern 700 feet North of Howell Creek and about 1200 feet from the East bank of the North Fork of the Payette. This is in the Northwest Quarter of the Northwest Quarter, Section 33, Township 10 North, Range 3 East, Boise Meridian, Boise County. The railrace tunnel exit will be located at river mile 6.4.

(b) Banks (the Lower Development) -- The diversion weir will be located about 1600 feet downstream from the outfall of Howell Creek or approximately 1200 feet downstream from the

Ferncroft tailrace tunnel outlet at river mile 6.1, and is in Lot 2, Section 33, Township 10 North, Range 3 East, Boise Meridian, Valley County. The headrace tunnel will extend from the intake at the diversion weir approximately 22,200 feet to a surge tank located in a ridge North of Banks between Phillips Creek and the North Fork of the Payette. The powerhouse will be located underground about 800 feet East of Phillips Creek and approximately 700 feet from the West bank of the North Fork of the Payette. This is in the North Half of the Northwest Quarter, Section 28, Township 9 North, Range 3 East, Boise Meridian, Boise County. The tailrace tunnel exit will be located at river mile 0.7.

According to the application the two project developments are generally similar in design, except that Ferncroft will have a longer headrace tunnel, 38,000 feet, and will develop a higher gross head, 1020 feet, than will Banks which will have a headrace tunnel 22,200 feet in length and will develop a gross head of 580 feet. The principal features of each development include a diversion weir on the North Fork of the Payette River, a headrace tunnel with a surge tank at the downstream end, a pressure shaft, an underground powerhouse, a tailrace tunnel, three turbines with matching generators, accessory electrical equipment, miscellaneous powerhouse equipment, a powerhouse access tunnel, a cable and ventilation tunnel, a switchyard, and access roads and bridges. Both developments will be operated on a run-of-the-river basis. A flow of approximately 50 cfs is assumed to pass over the weirs at all times.

Power will be transmitted from the Ferncroft development to the Banks development via an H-frame 230 KV line approximately six miles in length where a 230 KV single circuit line of similar construction will head in a southwesterly direction from Banks to a point near Highway #52 covering a distance of approximately 17 miles. From that point a double circuit 230 KV line, approximately seven miles in length will lead to a new switching station to be constructed near Emmett. The estimated cost of these transmission

facilities is approximately \$2,845,000 (1979 dollars).

The estimated total cost of construction of these facilities excluding the transmission costs stated above, is approximately \$241,900,000 (1979 dollars), including AFUDC, resulting in an average cost of approximately 33.7 mills per kilowatt hour (1979 dollars).

The Applicant proposes to finance this new construction by the use of internally generated cash, short-term borrowings, issuance of either stocks and bonds, or both, following applications for such purpose to the appropriate regulatory agencies.

Applicant projects a need for additional generating capacity to meet forecast loads in the 1985-1990 time period, and maintains that generation from this project will help meet this projected energy deficiency. The application further states that, because the water would back up only short distances behind the weirs creating small ponds, there will be no flooding of land suitable for habitation or agriculture, although minor relocations of State Highway 55 and the Union Pacific Branch Line will be required. With the exception of some privately owned land, all of the lands which would be directly affected by the project are owned either by the United States of America or by the State of Idaho.

Case No. U-1006-154

The application in Case No. U-1006-154 requests authority to construct the Cascade Hydro-electric Development (the Development) which development will utilize the existing Cascade Dam to provide head for a new 12,420 KW power plant (the Power Plant). Said Power Plant will replace an existing 300 KW power plant owned and operated by Applicant. The Development will be located on the North Fork of the Payette River with the site of the Power Plant approximately one mile north of Cascade, Idaho, in the Northwest Quarter of Section 25, Township 14 North, Range 3 East, Boise Meridian.

The Development will utilize the existing outlet tunnel and intake for conveyance of water from the reservoir to the Power Plant. The existing outlet structure has provision for connection of a penstock in a direct line with the outlet tunnel. The existing pipeline is connected at this point. The connecting pipe is reduced from 12 feet diameter at the outlet structure to 5 feet diameter in the pipeline. This existing pipeline will be removed and a new penstock of 12 feet diameter will be installed. This will extend about 100 feet to a point where it will bifurcate into two 9-foot diameter branch pipes, one for each unit. The penstock and the branch pipes will be embedded in concrete for the entire length.

The Power Plant will be located in the river bed approximately 70 feet to the left of the spillway flip bucket. It will be of the indoor type with a structure of reinforced concrete up to the main floor at El. 4755.0. The super structure will be in steel and prefabricated concrete slabs. Access to the Power Plant will be by a short road to the dam. Each of the two turbines is rated 6400 KW at 84.5 feet head. The matching generator is rated 6900 KVA at 0.9 power factor and 327 rpm. One power transformer will serve both units. It will be three-phase and rated 14,000 KVA at 0.9 power factor. The power produced will be transmitted directly from the take-off structure at the Power Plant to an existing 69 KV line in the vicinity of the main highway. Demolition of the existing penstock and powerhouse is included in the plan. Based on historic water flows, the Development will produce an average generation of 51 million kilowatt hours.

The Development is estimated to cost \$13,480,000 in July, 1979, dollars. This installed turbine capacity is 6.4 MW per unit. The installed generator capacity is 6.9 MVA. At an assumed 0.9 power factor, the generator power would be 6.21 MW per unit or 12.42 MW installed capacity. The installed cost is \$1085 per KW. Based upon Applicant's annual fixed charges to cover return, depreciation, taxes, operation, maintenance,

administration, and insurance, the annual cost is 16.46% of the capital cost. The annual cost would thus be \$2,218,808 with average annual generation of 51 million KWH. The net cost is \$.0435/KWH.

It is proposed to finance this new construction by the use of internally generated cash, short-term borrowings, issuance of either stocks and bonds, or both, following application for such purposes to the appropriate regulatory agencies, including this Commission.

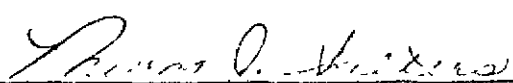
The aforementioned applications, together with accompanying exhibits and other documentation, are presently on file with the Idaho Public Utilities Commission. Said documents are a matter of public record and are open for public inspection during regular business hours at the Commission offices.

YOU ARE FURTHER NOTIFIED that the Commission has determined that hearings should be held to consider the above entitled applications.

YOU ARE FURTHER NOTIFIED that these matters have been scheduled for public hearing on TUESDAY, NOVEMBER 27, 1979, COMMENCING AT 9:30 A.M. AND CONTINUING THEREAFTER IF NECESSARY, IN THE COMMISSION HEARING ROOM, 472 WEST WASHINGTON STREET, BOISE, IDAHO, 83720. at which time and place you may be heard.

YOU ARE FURTHER NOTIFIED that parties desiring to formally intervene in the above entitled matters for purposes of presenting evidence or cross-examining witnesses must file a petition to intervene with the Commission pursuant to the Commission's Rules of Practice and Procedure. Members of the public desiring to informally present their views and comments at the hearings will not be required to formally intervene.

DATED at Boise, Idaho, this ⁴ day of September, 1979.



MYRNA J. WALTERS - Commission Secretary

dh/27-29
32-33

Identification No. _____

Application No. 65-12096

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To Appropriate the Public Waters of the State of Idaho
(TYPE OR PRINT IN INK)

1. Name of applicant IDAHO POWER COMPANY Phone: 383-2200
post office address 1220 Idaho Street, Boise, Idaho 83724
2. Source of water supply North Fork-Payette River which is a tributary of Snake River
3. a. Location of point of diversion is NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 26 Township 14N
Range 3E B.M. Valley County; additional points of diversion if any: None
- b. If water is not consumed, it will be discharged into N Fork-Payette River at a point in NW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 25 Township 14N Range 3E B.M. _____
4. Water will be used for the following purposes:
Amount 2,000 for Power Gen. purpose from January 1 to December 31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated:
a. 2,000 cubic feet per second and/or
b. _____ acre feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. Steel penstocks connected to the existing U S Bureau of Reclamation outlet structure at the USBR Cascade Dam will divert water into hydroelectric turbines. After passing through the turbines, the water will be returned to the North Fork of the Payette River.
- b. Height of storage dam NA feet, active reservoir capacity NA acre feet; total reservoir capacity NA acre feet, materials used in storage dam: NA
Period of year during which storage will occur NA to NA inclusive.
(Mo. Day) (Mo. Day)
- c. Proposed well diameter is NA inches; proposed depth of well is NA feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use is 2 years.
b. Estimated construction cost is \$ 10,816,000.
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 26 Township 14N
Range 3E B.M. _____
(2) Amount of power to be generated: 17,200 hp under 85 feet of head
(3) List number of each kind of livestock to be watered NA

(4) Name of municipality to be served NA, or number of families to be supplied with domestic water NA
(5) Water is to be used for other purposes describe: NA

MICROFILMED

7 BB
mj

b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below:

[illegible]

Total number of acres to be irrigated.

c. Describe any other water rights used for the same purposes as described above. Idaho Water License Numbers 16390 and 13827. See also Payette Basin adjudication ID Nos 65-2338X, 65-2338A and 65-2232

9. a. Who owns the property at the point of diversion U S Bureau of Reclamation

b. Who owns the land to be irrigated or place of use NA

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. Applicant intends to file an application with Federal Energy Regulatory Commission for permission to construct this Project.

10. Remarks This Project will involve uprating the Applicant's existing power production capability at Cascade. It will require the construction of a new powerhouse at the base of the U S Bureau of Reclamation's Cascade Dam.

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

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.

IDAHO POWER COMPANY

W. J. Cunniff
(Applicant) Vice-President - Engineering

Received by W Date 2-21-78 Time 3:35
Preliminary check by _____ Fee \$ 1,165.00
Receipted by W Date 2-21-78 # 9781
Publication prepared by W Date 2-23-78
Published in Star News
Publication dates March 24, 1978
Publication approved _____ Date _____
Priority reduced to _____ Reason _____

Protests filed by: _____

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

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. _____, and said application is hereby _____.

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 _____, 19____.

c. Other: _____

2. Denial of said application is for the following reasons: _____

Witness my hand this _____ day of _____ 19____.

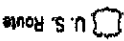
Director

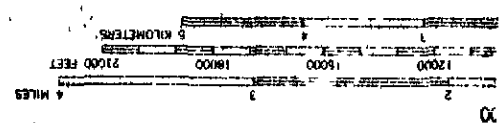
CASCADE, IDAHO
N4430-W11600/15

1954

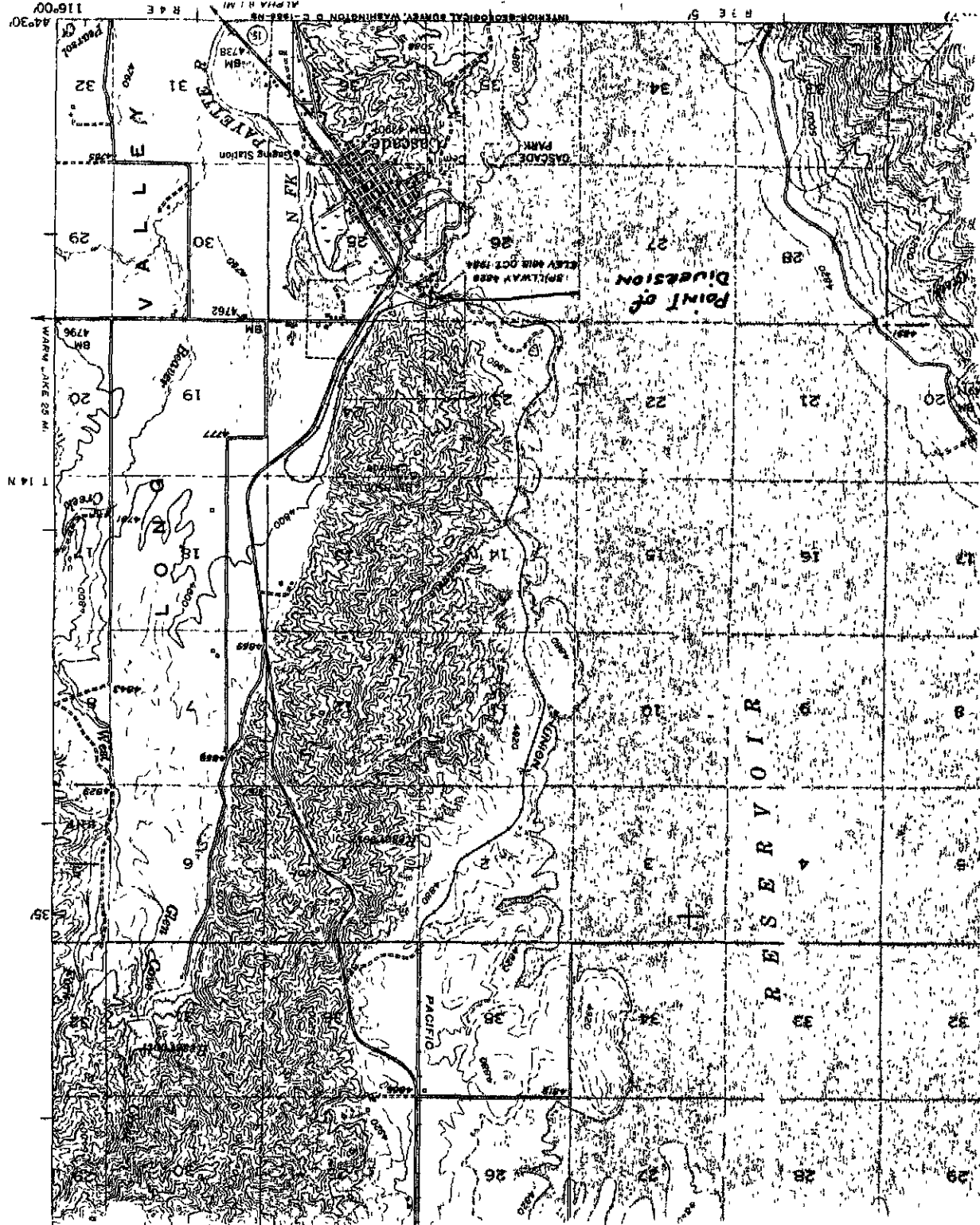
IF ACCURACY STANDARDS
DENVER, COLORADO OR WASHINGTON 25, D. C.
SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION
Heavy-duty ———
Medium-duty ———
Light-duty ———
Unimproved dirt ———
U. S. Route 
State Route 



(Bottle Springs)



INTER-DEPARTMENT MEMO — 1

FROM Dave Tuthill

DATE September 4, 1979

TO Idaho Power Filings

SUBJECT CONDITIONS OF APPROVAL

Be sure to subjugate this power right to future irrigation purposes as one of the conditions of approval.

Det

SIGNATURE



United States Department of the Interior

DBS
65-12096

BUREAU OF RECLAMATION
PACIFIC NORTHWEST REGION
FEDERAL BUILDING & U.S. COURTHOUSE
BOX 049-550 WEST FORT STREET
BOISE, IDAHO 83724

IN REPLY
REFER TO
870.

420

MAY 16 1978

MAY 18 1978
Department of Water Resources
Western Regional Office

Mr. David B. Shaw
Western Regional Supervisor
Idaho Department of Water Resources
Western Region
92 South Cole Road
Boise, ID 83705

Dear Mr. Shaw:

This is in reply to your letter of February 27, 1978, to Mr. Bob Brown, Project Manager of our Central Snake Projects Office, regarding application for Permit No. 65-12096 by the Idaho Power Company for an enlarged powerplant at Cascade.

Cascade Dam and Reservoir is a facility of a Federal Reclamation project. All lands and facilities are held in the name of the United States and the storage and release of water is for authorized project functions, and in accordance with existing contractual arrangements. Any private facilities constructed on such project lands, and the use of water releases, must necessarily be in accordance with a contract or agreement with this agency.

The possibility of further power development at Cascade Dam was briefly evaluated in our Western Energy Expansion Study Report of 1977, and it showed that there was potential for the installation of a 12-MW unit at the dam utilizing present irrigation releases. Subsequently, Congress has been requested to appropriate funds, becoming available in October, 1978, for study of power potentials at existing Reclamation facilities in the Boise Project: Cascade Dam, Black Canyon Dam, Arrowrock Dam, etc.

It appears, based upon preliminary evaluations to date, that the upcoming studies will demonstrate that further development of power at Cascade Dam is justified. If this is the case, we would then intend to pursue the construction of a Federal powerplant.

On the basis of the foregoing, we request that any permit be subordinate to (1) the United States' right to develop the power potential if such development is determined to be justified, and (2) the consummation of a satisfactory arrangement for utilization of facilities, lands, and water.

MICROFILMED
DATE 11-1-78

We call your attention to the 85 feet of head noted in section 8(2) of the permit application. Existing conditions would allow for about 70 feet of head; major changes would have to occur to provide for 85 feet of head. These proposed changes are not described in the permit application.

Thank you for providing us an opportunity to comment. Your cooperation with this office is sincerely appreciated.

Sincerely yours,

H. R. Stinson

Acting Regional Director

April 6, 1978

Re: Permit Application No.'s 65-12096,
65-12097 & 65-12098

Idaho Power Company
P. O. Box 70
1220 Idaho St.
Boise, ID 83701

Gentlemen:

On February 21, 1978 you filed the above referenced applications for the appropriation of waters of the Payette River for power purposes.

The applications have been advertised in the newspaper as required and no protests were received. Final action on these applications will be delayed until the Federal Power Commission approves your project.

Please keep us informed of your progress on these projects so that unnecessary delays will be avoided in the final decision on your permits.

If you have any questions, please contact this office.

Sincerely,

L. GLEN SAXTON
Chief, Operations Bureau

LGS:kw

April 6, 1978

Re: Application for Permit No. 65-12096

James F. Keating
DEPT. OF FISH AND GAME
109 West 44th
Garden City, ID 83704

Dear Mr. Keating:

In response to your letter of March 31st, 1978, please be advised that the applicant has not furnished to the Department the information requested in your letter.

From the application, it appears that Idaho Power Company has not yet filed an application with the Federal Energy Regulatory Commission to construct the proposed project. I assume that if the application is filed, the Commission would eventually hold a hearing in order to determine answers to similar questions as raised in your letter.

The Department has advertised the application for water right and no protests were received. The Department will not take action on the application until the Federal Power Commission approves the project.

Sincerely,

L. GLEN SAXTON
Chief, Operations Bureau

LGS:kw



STATE OF IDAHO

DEPARTMENT OF FISH AND GAME

REGION 3
109 WEST 44TH
GARDEN CITY, IDAHO 83704

March 31, 1978

Mr. David B. Shaw
Western Region Supervisor
Department of Water Resources
92 South Cole Road
Boise, Idaho 83705

RECEIVED
APR 3 1978

Department of Water Resources
Western Regional Office

Dear Mr. Shaw:

Re: 65-12096, N.F. Payette
Idaho Power Company

Personnel from the Idaho Department of Fish and Game have reviewed the above referenced application. Before we can give a complete evaluation of the project we will need some additional information.

1. What type of turbines will be installed?
2. At what depth will water be drawn from to operate the turbines?
3. What type of flows will pass from Cascade Reservoir?

Thank you for any help you can give us.

Sincerely,

DEPARTMENT OF FISH AND GAME
Joseph C. Greenley, Director

for James F. Keating
Regional Supervisor

cc: Program Coordination

DEPARTMENT OF WATER RESOURCES
- STAFF ANALYSIS -

Item Initial Date

Application No. 65-12096

☒ Source
☒ Point of Diversion
☒ County
☒ Quantity of Water and Period of Use
☒ Description of Diverting Works
☒ Time required for B/U of water
☒ Place of Use or Acres Irrigated
☒ Map
☒ Signature
☒ Fee

(1) GLS 2/22/78

(2) if 2-27-78

(3) _____

(4) GLS 2/22/78

(5) _____

(6) _____

(7) _____

(8) _____

(9) _____

(10) _____

(11) if OK

(12) _____

(13) _____

(14) _____

In form to receipt

Send Copies to:

☐ Idaho State Health Department
☒ Idaho Fish and Game Department
☐ Bureau of Land Management
☒ Bureau of Reclamation, PUC
☐ Request Special Use Permit from U.S.F.S.
☐ Request Easement from B.L.M.
☐ Request Information from Applicant
☐ Request Dam Safety Information

In form for advertising

Platted on Map No. _____

Located within Water District No. _____

Critical groundwater area: yes _____ no _____

Groundwater levels:

_____ Declining, _____ Stable, _____ Increasing

(comment) _____

Other rights on the same place of use

Comments: _____

Affidavit of Publication received(date) 3-21-78

Final date for protests 3/20/78
Protests received: yes _____ no ☒

All requested information received from agencies or applicant: yes _____ no _____

Action recommended:

☒ Approve _____ Deny

2-21-78 Proposed Priority

Reason for Reduction _____

☒ Measuring device required

See attached sheet for other conditions of approval

No special conditions for approval

Right-of-way
clause
RECEIVED
MAR 21 1978

MICROFILMED

Department of Water Resources

(15) District W By if Date 3/21/78

February 27, 1978

Re: Application for Permit No. 65-12096
Idaho Power Company

Bob Brown
Central Snake Projects Office
U. S. Bureau of Reclamation
214 Broadway
Boise, ID 83702

Dear Mr. Brown:

Enclosed is a copy of the above referenced application for permit which may be of interest to your agency. Please review the application and submit any comments you may have.

This office normally completes the processing of an application within a six-week period and is required to take final action shortly thereafter.

If you have any questions regarding this application, please contact this office.

Yours truly,

DAVID B. SHAW
Western Regional Supervisor

DBS:rf

Enc. (1)



State of Idaho

DEPARTMENT OF WATER RESOURCES

WESTERN REGION, 92 South Cole Road, Boise, Idaho 83705

JOHN V. EVANS
Governor

(Office at the corner of
Franklin and Cole Roads)

C. STEPHEN ALLRED
Director

(208) 384-2190

February 27, 1978

Re: Applications for Permit Nos. 65-12096, 65-12097 and 65-12098
Idaho Power Company

Mr. Will Winiger, Director
Public Utilities Commission
Statehouse Mail
Boise, ID

Dear Mr. Winiger:

Enclosed are copies of the above referenced applications for permit which may be of interest to your agency. Please review the applications and submit any comments you may have.

This office normally completes the processing of an application within a six-week period and is required to take final action shortly thereafter.

If you have any questions regarding the applications, please contact this office.

Sincerely,

DAVID B. SHAW
Western Regional Supervisor

DBS:rf

Enc. (3)

RECEIVED
FEB 28 1978
WESTERN REGION

February 27, 1978

Re: Applications for Permit Nos. 65-12096, 65-12097 & 65-12098
Idaho Power Company

Mr. Will Reed
Department of Fish & Game
Statehouse Mail
Boise, ID

Dear Mr. Reed:

Enclosed are copies of the above referenced applications for permit which may be of interest to your agency. Please review the applications and submit any comments you may have.

This office normally completes the processing of an application within a six-week period and is required to take final action shortly thereafter.

If you have questions regarding the applications, please contact this office.

Yours truly,

DAVID B. SHAW
Western Regional Supervisor

DBS:rf

Enc. (3)



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WESTERN REGION

John V. Evans
Governor

92 South Cole Road
Boise, Idaho 83705
(208) 384-2190

February 24, 1978

Re: Notice of Application for Water Permit No. 65-12095 -- Robert &/or Wilma Murphy
65-12096 -- Idaho Power Company

The Star News
Box 985
McCall, ID 83638

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. 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. In order to receive payment, the following certification must appear on the bill:

"I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due after allowing all just credits and that no part of the same has been paid."

(Signature of Claimant)

Please send the affidavit of publication and publication billing to this office before March 20, 1978.

Sincerely,

RITA FLECK
Secretary

Bill submitted
3-21-78
J

NOTICE OF APPLICATION FOR WATER PERMIT

Notice is hereby given that IDAHO POWER COMPANY
1220 Idaho Street, Boise, ID
has on February 21, 1978 submitted Application No. 65-12096
for a permit to appropriate 2,000 cubic feet per second ~~XXXXXX~~
~~XXXXXX~~ of water from the North Fork of the Payette River trib. Snake River
by means of steel penstocks and outlet structure
within the NELNE, Sec 26 T14N-R3E B.M., Valley County

to be used from Jan 1 to Dec 31
for power generation
within the NELNE, Sec 26 T14N-R3E B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Director of the Idaho Department of Water Resources, 92 South Cole Road, Boise, Idaho 83705 on or before March 20, 1978.

C. STEPHEN ALLRED
Director

Published in the Star News, McCall, ID
on March 2, 1978 and March 9, 1978.

IDAHO POWER COMPANY

DESCRIPTION	ORDER NO	INVOICE NO	INV DATE	NET
Filing Fee for Application for Permit -- Cascade Power Development				1,165.00

PAID

DETACH THIS STATEMENT BEFORE DEPOSITING CHECK