

BEFORE THE
WASHINGTON UTILITIES & TRANSPORTATION COMMISSION

DOCKET NO. UE-991606

EXHIBIT NO. ___ (KON-12)

WITNESS: KELLY O. NORWOOD, AVISTA CORP

WUTC		
DOCKET NO. <u>UE-991606</u>		
EXHIBIT # <u>215</u>		
ADMIT	W/D	REJECT
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

AVISTA UTILITIES
 Equivalent Availability Factor
 GADS vs. Colstrip 3&4

Year	GADS	Colstrip 3&4
1986		74.48%
1987		48.95%
1988		86.81%
1989		84.73%
1990		78.22%
1991		89.02%
1992		90.00%
1993	81.40%	68.61%
1994	82.20%	87.18%
1995	82.20%	85.04%
1996	83.10%	87.61%
1997	83.70%	84.79%
1998	83.70%	89.66%
1999	84.00%	94.64%
Average 94-98	82.98%	86.86%
Average 93-97	82.52%	82.65%
Average 86-99		82.12%

Pete Simonich
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PPL Montana, LLC
Colstrip Steam Electric Station
P.O. Box 38
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PP&L MONTANA,™

February 14, 2000

Mr. Ralph S. Olson
Director, Energy Supply
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Mr. Scott Bauska
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✓ Mr. George Perks
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Mr. Greg Hager
Plant Manager
Wyodak Power Plant
PacifiCorp
48 Wyodak Rd - Garner Lake Rte
Gillette, WY 82716

Michael R. Cashell, Director
Project Development
and Wholesale Contracts
The Montana Power Company
40 East Broadway
Butte, MT 59701

Gentlemen:

RE: Colstrip Units 3 and 4 Operating Report

Attached are the following reports for the month of January 2000:

- 1) Plant Summary Report
- 2) Staffing Report
- 3) Training Report
- 4) Safety Report

Sincerely,

PJS:dlb

Enclosures

c: Roger Petersen--PPLM
Colin Persichetti--PacifiCorp
Dave Shultz--PP&L Global

Mike Enterline--PPLM
Walt Pollack--PGE

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Exhibit No. ____ (KON-12)
Docket No. UE-991606
Norwood, Avista
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COLSTRIP UNITS 3&4 PLANT SUMMARY
CONFIDENTIAL

FINAL, Coal analysis for entire month.

REPORTING MONTH: JANUARY 2000

Revised 2/15/00 Available Net Generation Unit 4, from 518,197 mj/h

	UNIT #3	UNIT #4	JANUARY 2000 COMBINED UNITS	YEAR 2000 YTD COMBINED	2000 YTD FORECAST	2000 YTD VARIANCE <small>YTD (COMBINED - FORECAST)</small>	1999 YTD ACTUAL	GENERATION RECORD YEAR YTD 1992	
AVAILABLE MWHr NET GENERATION:	489,818	479,129	968,947	968,947	1,033,333	(64,386)	972,246	1,029,422	
MWHr GROSS GENERATION:	523,360	510,230	1,033,590	1,033,590	1,123,188	(89,598)	1,036,120	1,113,860	
ACTUAL MWHr NET GENERATION:	478,423	469,005	947,428	947,428	1,033,333	(85,905)	953,223	1,029,389	
% AUXILIARY LOAD	8.59	8.08	8.34	8.34	8.00	0.34	8.00	7.58	
START UP POWER:	1,040	740	1,780	1,780	-	-	2,320	530	
PERIOD HOURS:	744	744	1,488	1,488	1,488	-	1,488	1,488	
SERVICE HOURS:	7477	672.96	649.77	1,322.73	1,322.73	-	1,325	1,437	
RESERVE SHUTDOWN HOURS:	0.00	0.00	0.00	0.00	-	-	0.00	0.00	
FORCED OUTAGE HOURS:	354	71.04	94.23	165.27	165.27	-	163.00	51.24	
MAINTENANCE OUTAGE HOURS:	0.00	0.00	0.00	0.00	-	-	0.00	-	
OH OUTAGE HOURS:	0.00	0.00	0.00	0.00	-	-	0.00	-	
% SERVICE FACTOR:	85.3	90.45	87.33	88.89	88.89	-	89.05	96.56	
% CAPACITY FACTOR:	68.9	86.90	85.19	86.04	86.04	93.84	(7.80)	86.57	96.46
INDIVIDUAL UNIT %CF YTD		86.90	85.19						
% OUTPUT FACTOR:	80.7	96.07	97.54	96.79	96.79	-	97.22	99.89	
% EQUIV. AVAIL. FACTOR:	84.0	88.97	87.03	88.00	88.00	93.84	(5.85)	88.30	96.09
INDIVIDUAL UNIT %EAF YTD		88.97	87.03						
% FORCED OUTAGE RATE:	4.5	9.55	12.67	11.11	11.11	3.00	8.11	10.95	3.44
INDIVIDUAL UNIT %FOR YTD		9.55	12.67						
OUTAGES:	11 per year	2	2	4	4	-	4	3	1
FUEL OIL USAGE:	16,217	49,000	65,217	65,217	-	65,217	97,817	25,000	
COAL CONSUMPTION:	310,430	283,457	593,888	593,888	652,051	(58,163)	600,285	635,754	
COAL DELIVERIES - AREA C:			597,096	597,096	0				
NET HEAT RATE:	10867	10122	10498	10498	10750	-252	10590	10544	
BTU/# RATING (AS RECD):			8374	8374	8518	(144)	8408	8539	
% MOISTURE:			25.26						
% ASH:			11.44						
% SULFUR:			0.82						
BTU MIN / MAX FOR MONTH (AS RECD):		8159 / 8621							

NERC
GADS
↓

FINAL, Coal analysis for entire month.

*() DENOTES NERC/GADS ANNUAL AVERAGE FOR FOSSIL UNITS 600-799 MW FOR 1993-1997. Note Units 3&4 factors are calculated using 740 MWN capacity.