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1998 - 1999
 FERC Form 580
 DOCKET IN79-6
 Question 3.

A. Suppliers Name
1) Address

Cyprus Cumberland Coal Corporation

9100 East Mineral Cr
 Englewood, Co 80112

A.T. Massey Coal Company

P O Box 26765
 Richmond, Virginia 23261

A.T. Massey Coal Company

P O Box 26765
 Richmond, Virginia 23261

2) Location of Production

08,Ky,013

08,Wv,005

08,Ky,195

3) Type Supplier

Mining Company

Mining Company

Mining Company

B. 1) Producer

Various

Various

Various

2) Name of Mine

Viall (Straight Creek)

Elk Run

Sidney

3) Type of Mine and Producing Seam

Strip/Underground/Various

Strip/Various

Underground/Various

D. 1) First Contract Signature

10/26/95

12/15/78

6/1/99

2) First Delivery Against Contract

1/96

4/82

7/99

3) Contract Expiration Date

12/31/98

4/02

12/31/00

4) Date of Most Recent Renegotiations

N/A

1/98

N/A

5) Renewal & Renegotiation Options

None, Terminated 7/98

Market Adjustment 1/1/98 & 1/1/00

Written notice by 10/15/00

Date of Original Contract -

N/A

12/15/78

If Extension or Renewal of Earlier Contract

E. Annual Base Quantity Specified in Contract

1998
 1999

360,000
 -

661,500
 661,500

-
 350,000

Actual Quantities Delivered -

1998

Water
 Rail

-
 162,115

641,400
 19,138

-
 -

1999

Water
 Rail

-
 -

604,064
 -

-
 320,491

**Is Actual Less Minimum
 in Contract**

1998
 1999

Yes
 N/A

No
 Yes

N/A
 Yes

F. Actual Quantities Delivered

See E

See E

See E

G. Fuel Quality Characteristics Specified in Contract

Btu 12,500
 Sulfur 1.5 - 2.1 lbs
 Ash 11.0% Max
 Moisture 9.0% Max

12,500
 .75% Max
 11.0% Max
 7.0% Max

12,875
 9% - 1.35%
 11.0% Max
 9.0% Max

H. Average Quality Characteristics for Fuel as Delivered

1998

Btu 12,770
 Sulfur 1.09
 Ash 7.99
 Moisture 6.57

12,572
 0.72
 10.47
 5.77

N/A
 N/A
 N/A
 N/A

1999

Btu N/A
 Sulfur N/A
 Ash N/A
 Moisture N/A

12,609
 0.73
 10.64
 5.47

12,851
 1.09
 7.56
 6.63

I. Average Fuel Price

1998
 1999

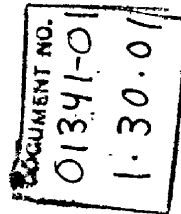
C/MMBtu
 C/MMBtu

FOB Rail Tipple
 N/A

FOB Mine
 FOB Mine

N/A

N/A
 FOB Rail Tipple



J. Actual Fuel prices paid FOB plant - C/MMBtu

Cyprus Cumberland Coal Corporation

A.T. Massey Coal Company

A.T. Massey Coal Company

1998
 Water N/A
 Rail 160 14
 1999
 Water N/A
 Rail N/A

173 64
 N/A

N/A
 N/A
 N/A
 156 83

K. Is Cost in J fully allocated including all cost associated with producing and transporting the coal to each powerplant

1998

Water: General & Admin Net Equity & Taxes C/MMBtu N/A
 Rail: General & Admin Net Equity & Taxes C/MMBtu N/A

No

No
 N/A
 N/A

1999

Water: General & Admin Net Equity & Taxes C/MMBtu N/A
 Rail: General & Admin Net Equity & Taxes C/MMBtu N/A

No

No
 N/A
 N/A

L. Individual transportation modes and costs and names of transportation companies

Mileage:

Water to CR N/A
 Rail to CR 829 Miles

1,995 - 2,112 miles
 1,053 Miles

N/A
 1,053 Miles

1998

Rail Deliveries to Crystal River

C/MMBtu

Water Deliveries to Crystal River

C/MMBtu N/A
 N/A

1999

Rail Deliveries to Crystal River

C/MMBtu N/A
 N/A

Water Deliveries to Crystal River

C/MMBtu N/A
 N/A

M. Contract Type

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A. Suppliers Name		<u>Powell Mountain Joint Venture</u>		<u>Franklin Coal Sales/AEI Coal Sales Co., Inc.</u>		<u>Pen Coal Corporation</u>	
1) Address		R R 1, Box 140 St. Charles, Virginia 24282-9710		1500 No Big Run Road Ashland, Ky 41102		5110 Maryland Way Brentwood, Tennessee 37027	
2) Location of Production		08,Va,105, 08,Ky,119		08,Ky,195		08,Ky,071 , 08,Ky,195 , 08,Wv,099	
3) Type Supplier		Mining Company		Mining Company		Mining Company	
B. 1) Producer		Various		Various		Various	
2) Name of Mine		Mayflower, Yellow Creek		McVicker, Stones Branch		Elkhorn, Rollem Fork, Sidewinder (Damron Fork)	
3) Type of Mine and Producing Seam		Strip/Underground/Various		Strip/Underground/Various		Strip/Underground/Various	
D. 1) First Contract Signature		10/22/80		09/10/87		2/28/91	
2) First Delivery Against Contract		5/82		9/87		3/91	
3) Contract Expiration Date		5/02		4/02		7/31/01	
4) Date of Most Recent Renegotiations		10/90		1/99		2/98	
5) Renewal & Renegotiation Options		N/A		Market Adjustment 1/1/99 & 1/1/00		Written notice 6 months prior to expiration of term	
Date of Original Contract - If Extension or Renewal of Earlier Contract		N/A		N/A		5/5/95	
E. Annual Base Quantity Specified in Contract		1998	850,000	291,500		492,660	
		1999	850,000	238,500		450,000	
Actual Quantities Delivered -		1998	Water Rail	63,533 226,660		492,529 -	
		1999	Water Rail	27,550 208,594		450,697 -	
Is Actual Less Minimum In Contract		1998	No	No		No	
		1999	No	No		No	
F. Actual Quantities Delivered		See E		See E		See E	
G. Fuel Quality Characteristics Specified in Contract		Btu	12,500 +/-200	12,500		12,500	12,300
		Sulfur	.75% Max	.75% Max		.75% Max,	2% pyritic sulfur max
		Ash	10 0% Max	11 0% Max		11 0% Max	
		Moisture	8.0% Max	7.0% Max		8 0% Max	
H. Average Quality Characteristics for Fuel as Delivered		1998	Btu	12,348	12,682	12,337	
			Sulfur	0.73	0.69	0.67	
			Ash	9.76	9.77	9.51	
			Moisture	7.12	6.66	7.56	
		1999	Btu	12,462	12,695	12,471	
			Sulfur	0.72	0.70	0.68	
			Ash	9.47	9.43	9.42	
			Moisture	6.78	6.85	7.16	
I. Average Fuel Price		1998	C/MMBtu		FOB Rail Tipple		FOB Barge
		1999	C/MMBtu		FOB Rail Tipple/FOB Mine		FOB Barge

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J. Actual Fuel prices paid FOB plant - C/MMBtu

	<u>Powell Mountain Joint Venture</u>		<u>Franklin Coal Sales/AEI Coal Sales Co., Inc.</u>	<u>Pen Coal Corporation</u>
1998				
Water	N/A			
Rail	201.70		164.96	N/A
1999				
Water	N/A			
Rail	196.55		168.01	N/A

K. Is Cost in J fully allocated including all cost associated with producing and transporting the coal to each powerplant

	<u>1998</u>	No	No	No
Water: General & Admin	C/MMBtu	N/A		
Net Equity & Taxes	C/MMBtu	N/A	N/A	N/A
Rail: General & Admin	C/MMBtu			N/A
Net Equity & Taxes	C/MMBtu			N/A
	<u>1999</u>	No	No	No
Water: General & Admin	C/MMBtu	N/A		
Net Equity & Taxes	C/MMBtu	N/A	N/A	N/A
Rail: General & Admin	C/MMBtu			N/A
Net Equity & Taxes	C/MMBtu			N/A

L. Individual transportation modes and costs and names of transportation companies

Mileage:

Water to CR	N/A	2113 Miles	1,995 - 1,997 Miles
Rail to CR	797 - 954 Miles	836 Miles	N/A

1998

Rail Deliveries to Crystal River	C/MMBtu		N/A
Water Deliveries to Crystal River	C/MMBtu	N/A	N/A

1999

Rail Deliveries to Crystal River	C/MMBtu		N/A
Water Deliveries to Crystal River	C/MMBtu	N/A	N/A

M. Contract Type

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A. Suppliers Name		<u>Quaker Coal Co.</u>		<u>Quaker Coal Co.</u>		<u>Consol Inc.</u>	
1) Address		329 West Main St Arlington, Va 24210		329 West Main St Arlington, Va 24210		1800 Washington Road Pittsburg, Pa 15241-1421	
2) Location of Production		08,Ky,071 , 08,Ky,195		08,Ky,195		08,Ky,119 , 08,Ky,133	
3) Type Supplier		Mining Company		Mining Company		Mining Company	
B. 1) Producer		Various		Various		Various	
2) Name of Mine		Beverly Ann,McVicker, Praise Dock		Sidewinder (Damron Fork)		Mill Creek, Jones Fork	
3) Type of Mine and Producing Seam		Strip/Underground/Various		Underground/Various		Strip/Underground/Various	
D. 1) First Contract Signature				10/28/97		6/11/98	
2) First Delivery Against Contract		11/25/97		1/98		1/99	
3) Contract Expiration Date		12/31/98		12/31/98		12/31/99	
4) Date of Most Recent Renegotiations		N/A		N/A		N/A	
5) Renewal & Renegotiation Options		Written notice prior to 12/1/98		Written notice prior to 11/1/98		Written notice prior to 11/15/99	
Date of Original Contract - If Extension or Renewal of Earlier Contract		N/A		N/A		N/A	
E. Annual Base Quantity Specified in Contract		1998	400,000		400,000		
		1999	-		-		-
Actual Quantities Delivered -		1998	Water	-	108,901		500,000
			Rail	403,544	263,891		-
		1999	Water	-	9,267	1998 carryforward	-
			Rail	-	19,432		-
Is Actual Less Minimum In Contract		1998	No		Yes		504,578
		1999	N/A		N/A		N/A
F. Actual Quantities Delivered		See E		See E		See E	
G. Fuel Quality Characteristics Specified in Contract							
			Btu	12,250			
			Sulfur	.9% - 1.2%	12,500		12,800
			Ash	12.0% Max	1.2 Lb Max, .2% Pyritic Max		1.35% max
			Moisture	8.0% Max	11.0% Max		9.5% Max
					8.0% Max		8.0% Max
H. Average Quality Characteristics for Fuel as Delivered		1998	Btu	12,409			
			Sulfur	1.04	13,004		N/A
			Ash	9.57	0.69		N/A
			Moisture	6.58	7.72		N/A
		1999	Btu	N/A	6.40		N/A
			Sulfur	N/A	12,716		
			Ash	N/A	0.72		12,802
			Moisture	N/A	8.52		1.12
					7.02		8.20
I. Average Fuel Price		1998	C/MMBtu				6.21
		1999	C/MMBtu	N/A	FOB Rail Tipple/FOB Mine		
				N/A			
					FOB Rail Tipple		N/A
					FOB Rail Tipple		FOB Rail Tipple

J. Actual Fuel prices paid FOB plant - C/MMBtu

	Quaker Coal Co.	Quaker Coal Co.	Consol Inc.
1998			
Water	N/A		N/A
Rail	155.21	158.39	N/A
1999			
Water	N/A		N/A
Rail	N/A	160.16	156.88

K. Is Cost in J fully allocated including all cost associated with producing and transporting the coal to each powerplant

	1998				
		No	No	No	No
Water: General & Admin	C/MMBtu	N/A			N/A
Net Equity & Taxes	C/MMBtu	N/A			N/A
Rail: General & Admin	C/MMBtu				N/A
Net Equity & Taxes	C/MMBtu				N/A
	1999	No	No	No	No
Water: General & Admin	C/MMBtu	N/A			N/A
Net Equity & Taxes	C/MMBtu	N/A			N/A
Rail: General & Admin	C/MMBtu	N/A			N/A
Net Equity & Taxes	C/MMBtu	N/A			N/A

L. Individual transportation modes and costs and names of transportation companies

Mileage:

Water to CR	N/A	2119 Miles	N/A
Rail to CR	819 - 879 Miles	849 Miles	889 - 915 Miles

1998

Rail Deliveries to Crystal River	C/MMBtu			N/A
Water Deliveries to Crystal River	C/MMBtu	N/A		N/A
		N/A		N/A

1999

Rail Deliveries to Crystal River	C/MMBtu	N/A		N/A
Water Deliveries to Crystal River	C/MMBtu	N/A		N/A
		N/A		N/A

M. Contract Type

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A. Suppliers Name		<u>Consol Inc.</u>		<u>Quaker Coal Co.</u>		<u>Consol Inc.</u>	
1) Address		1800 Washington Road Pittsburg, Pa 15241-1421		329 West Main St Arlington, Va 24210		1800 Washington Road Pittsburg, Pa 15241-1421	
2) Location of Production		08,Ky,133		08,Ky,195		08,Ky,119 ; 08,Ky,133	
3) Type Supplier		Mining Company		Mining Company		Mining Company	
B. 1) Producer		Various		Various		Various	
2) Name of Mine		Mill Creek (Rapid loader)		Sidewinder (Damron Fork)		Mill Creek, Jones Fork	
3) Type of Mine and Producing Seam		Strip/Underground/Various		Underground/Vanous		Strip/Underground/Various	
D. 1) First Contract Signature		11/17/98		12/31/98		11/20/97	
2) First Delivery Against Contract		1/99		1/99		1/98	
3) Contract Expiration Date		12/31/99		12/31/01		12/31/98	
4) Date of Most Recent Renegotiations		N/A		7/2/99		6/1/98	
5) Renewal & Renegotiation Options		Written notice prior to 11/19/99		Reopener 1/1/00		Written notice prior to 6/1/98	
Date of Original Contract - If Extension or Renewal of Earlier Contract		N/A		N/A		1/1/98	
E. Annual Base Quantity Specified in Contract		1998	-	-	-	1998	705,000
		1999	115,000	400,000	-	1999	-
Actual Quantities Delivered -		1998	Water	-	-	1998	-
			Rail	-	-		723,774
		1999	Water	-	167,298	1999	-
			Rail	78,683	223,264		-
Is Actual Less Minimum In Contract		1998	N/A	N/A	N/A	1998	No
		1999	Yes	No	No	1999	N/A
F. Actual Quantities Delivered		See E		See E		See E	
G. Fuel Quality Characteristics Specified in Contract							
		Btu	13,100	12,500	13,000	Btu	12,898
		Sulfur	1.2 Lb Max	1.2 lbs Max, .2% pyntic sulfur max	1.35% max	Sulfur	1.13
		Ash	9.0% Max	11.0% Max	9.5% Max	Ash	7.40
		Moisture	8% Max	8.0% Max	8.0% Max	Moisture	6.39
H. Average Quality Characteristics for Fuel as Delivered							
		1998	Btu	N/A	N/A	1998	N/A
			Sulfur	N/A	N/A		N/A
			Ash	N/A	N/A		N/A
			Moisture	N/A	N/A		N/A
		1999	Btu	13,012	12,952	1999	N/A
			Sulfur	0.74	0.66		N/A
			Ash	7.14	7.69		N/A
			Moisture	6.04	6.90		N/A
I. Average Fuel Price		1998	C/MMBtu	N/A	N/A	1998	N/A
		1999	C/MMBtu	N/A	N/A	1999	N/A
							FOB Rail Tipple

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J. Actual Fuel prices paid FOB plant - C/MMBtu

	<u>Consol Inc.</u>	<u>Quaker Coal Co.</u>	<u>Consol Inc.</u>
1998			
Water	N/A	N/A	N/A
Rail	N/A	N/A	155.53
1999			
Water	N/A		N/A
Rail	168.11	163.24	N/A

K. Is Cost in J fully allocated including all cost associated with producing and transporting the coal to each powerplant

	<u>1998</u>				
		No	No	No	No
Water: General & Admin	C/MMBtu	N/A	N/A	N/A	N/A
Net Equity & Taxes	C/MMBtu	N/A	N/A	N/A	N/A
Rail: General & Admin	C/MMBtu	N/A	N/A		
Net Equity & Taxes	C/MMBtu	N/A	N/A		
<u>1999</u>		No	No	No	No
Water: General & Admin	C/MMBtu	N/A		N/A	N/A
Net Equity & Taxes	C/MMBtu	N/A	N/A	N/A	N/A
Rail: General & Admin	C/MMBtu			N/A	N/A
Net Equity & Taxes	C/MMBtu			N/A	N/A

L. Individual transportation modes and costs and names of transportation companies

Mileage:

Water to CR	N/A	2119 Miles	N/A
Rail to CR	915 Miles	849 Miles	889 - 915 Miles

1998

Rail Deliveries to Crystal River	C/MMBtu	N/A	N/A	
Water Deliveries to Crystal River	C/MMBtu	N/A	N/A	N/A

1999

Rail Deliveries to Crystal River	C/MMBtu			N/A
Water Deliveries to Crystal River	C/MMBtu	N/A		N/A

M. Contract Type

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A. Suppliers Name		<u>McMining, Inc.</u>	<u>Quaker Coal Co.</u>
1) Address		P O. box 22027 Tulsa, Ok 74121-2027	329 West Main St Arlington, Va 24210
2) Location of Production		08,Ky,195	08,Ky,195
3) Type Supplier		Mining Company	Mining Company
B. 1) Producer		Various	Various
2) Name of Mine		Scott's Branch	Sidewinder (Damron Fork), McVicker
3) Type of Mine and Producing Seam		Underground/Various	Strip/Underground/Various
D. 1) First Contract Signature		10/28/97	6/8/99
2) First Delivery Against Contract		1/98	7/99
3) Contract Expiration Date		12/31/98	06/30/00
4) Date of Most Recent Renegotiations		N/A	7/2/99
5) Renewal & Renegotiation Options		Written notice prior to 11/1/98	Written notice by 6/15/00
Date of Original Contract - If Extension or Renewal of Earlier Contract		N/A	N/A
E. Annual Base Quantity Specified in Contract		1998 200,000 1999 -	- 175,000
Actual Quantities Delivered -		1998 Water 35,760 Rail 132,078 1999 Water - Rail -	- - - 163,450
Is Actual Less Minimum in Contract		1998 Yes 1999 N/A	N/A Yes
F. Actual Quantities Delivered		See E	See E
G. Fuel Quality Characteristics Specified in Contract		Btu 12,700 Sulfur 1.2 Lb Max, .2% Pyritic Max Ash 10.0% Max Moisture 8% Max	12,500 > .9% < 1.2% 12.0% Max 8.0% Max
H. Average Quality Characteristics for Fuel as Delivered		1998 Btu 12,648 Sulfur 0.68 Ash 7.30 Moisture 7.71 1999 Btu N/A Sulfur N/A Ash N/A Moisture N/A	N/A N/A N/A N/A 12,774 1.04 9.09 8.37
I. Average Fuel Price		1998 C/MMBtu [REDACTED] FOB Rail Tipple 1999 C/MMBtu N/A N/A	N/A N/A [REDACTED] FOB Rail Tipple

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J. Actual Fuel prices paid FOB plant - C/MMBtu

	<u>McMining, Inc.</u>	<u>Quaker Coal Co.</u>
1998		
Water		N/A
Rail	160.14	N/A
1999		
Water	N/A	N/A
Rail	N/A	153.94

K. Is Cost in J fully allocated including all cost associated with producing and transporting the coal to each powerplant

	1998	No	No
Water: General & Admin	C/MMBtu		N/A
Net Equity & Taxes	C/MMBtu	N/A	N/A
Rail: General & Admin	C/MMBtu		N/A
Net Equity & Taxes	C/MMBtu		N/A
	1999	No	No
Water: General & Admin	C/MMBtu	N/A	
Net Equity & Taxes	C/MMBtu	N/A	N/A
Rail: General & Admin	C/MMBtu	N/A	
Net Equity & Taxes	C/MMBtu	N/A	

L. Individual transportation modes and costs and names of transportation companies

Mileage:

Water to CR	2109 Miles	N/A
Rail to CR	852 Miles	836 - 849 Miles

1998

Rail Deliveries to Crystal River	C/MMBtu		N/A
			N/A

Water Deliveries to Crystal River	C/MMBtu		N/A
			N/A

1999

Rail Deliveries to Crystal River	C/MMBtu	N/A	
		N/A	

Water Deliveries to Crystal River	C/MMBtu	N/A	
		N/A	

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