

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1

2

2. AMENDMENT/MODIFICATION NO.
00033. EFFECTIVE DATE
See Block 16C4. REQUISITION/PURCHASE REQ. NO.
D-9-D9-35-DE-L47 000

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

IRS0088

7. ADMINISTERED BY (If other than Item 6)

CODE

Internal Revenue Service
6009 Oxon Hill Road, Suite 500
Oxon Hill, MD 20745
Saxton III, Ross 202-283-1420

See Item 6

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

(x)

TO ALL PROSPECTIVE OFFERORS

X

9A. AMENDMENT OF SOLICITATION NO.

TIRNO-09-R-00018

9B. DATED (SEE ITEM 11)

10/07/2009

10A. MODIFICATION OF CONTRACT/ORDER NO.

10B. DATED (SEE ITEM 13)

CODE

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☒ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning 3 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This amendment is hereby issued to address additional questions/comments submitted by prospective offerors. This amendment also attaches Attachment B, "Water Treatment Reports" for the Enterprise Computing Center (ECC) in Kearneysville, WVA for the past year. There are no other changes at this time.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

BY

(Signature of Contracting Officer)

102. Question: I have a question regarding solicitation TIRNO-09-R-00018, Facilities Operation and Maintenance at the Enterprise Computing Center that directly relates to the answers posted in Amendment Two.

The answer to Question 100 states that resumes are needed for ALL proposed positions since all positions required are listed. Does the Government really require resumes for all positions and all staff members? This seems to be a requirement that only the incumbent can meet.

Answer: At a minimum, the Government is requiring the resumes of the following key personnel:

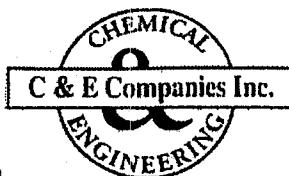
- Project Manager - RESUME REQUIRED
- CMMS Administrator - RESUME REQUIRED
- Shift Supervisor(s) - RESUME REQUIRED
- Safety & Environmental Engineer - RESUME REQUIRED
- Electricians and RUPS/SUPS Technicians - RESUME(S) REQUIRED
- The HVAC and Maintenance Mechanics the Government can accept an employer statement qualifying them to perform the work under those positions. - SELF EXPLANATORY.

56. Please provide copies of water quality test reports for the past year. (REVISED)

Answer: The test reports were not mailed to the requester. They are being provided to prospective offerors through this amendment as Attachment B, "Water Treatment Reports" for the Enterprise Computing Center (ECC) in Kearneysville, WVA. These reports are for both the Main Enterprise Computing Center and the Annex.

1950 Old Gallows Road
Suite 550
Vienna, VA 22182
(703) 506-1960
(703) 506-1957 FAX

*Attention-
John*



1224 W Street, SE
Washington, D.C. 20020
(202) 678-0532
FAX (202) 678-5229

Date *8/3/9* Rep: *J. Smith*

Company UNICCO - MAIN Phone No. _____
Street Address _____
City KEARNEYSVILLE State WV Zip _____
Plant Copies To BILL TOWN

BOILER WATER TREATMENT

TEST	MAKE UP	SOFTENED			FEED							CONDENSATE	RECOMMENDED LIMITS
		1	2	3		NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE													
TOT ALK ppm CaCO ₃													
P ALK ppm CaCO ₃													
PHOSPHATE ppm PO ₄													
SULFITE ppm SO ₃													
CONDUCTIVITY mmhos neut.	801												
TOTAL HARD ppm CaCO ₃		0	12	6									0-1
EDTA, ppm													
OPERATING DATA	STEAM GENERATION	PRESSURE			FEEDWATER TEMPERATURE	PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY		TEST LOGS	

COOLING WATER TREATMENT

TEST	MAKE UP WATER	COND #1, 2				HOT				CHILL	
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE		8.9									
Tot ALK ppm CaCO ₃											
Tot. HARD ppm CaCO ₃		65									
Conductivity mmhos	801	2082	2000/2200								
Molybdenum ppm Mo+6		1.39	0.5/1.5								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂						925	500/1000			1000+	500/1000

PRODUCT IN USE	PRODUCT SUPPLY	
		Condensers 1+2 show 65 ppm hardness from softeners #2+3 putting out 12+6 ppm hardness respectively.
		Condensers #1+2 - Good chemical levels
		Hot + Chill - Good nitrite levels.
		Coupons were removed - re-installed.

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*Attention -
John*



1224 W Street, SE
Washington, D.C. 20020
(202) 678-0532
FAX (202) 678-3229

Date *7/6/09* Rep. *John*

Company UNICO-MAIN Phone No. _____
Street Address _____
City Kearneysville State WV Zip _____
Plant Copies To JOHN, BILL

BOILER WATER TREATMENT

TEST	MAKE UP	SOFTENED			FEED							CONDENSATE	RECOMMENDED LIMITS
						NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE													
TOT ALK ppm CaCO ₃													
P ALK ppm CaCO ₃													
PHOSPHATE ppm PO ₄													
SULFITE ppm SO ₃													
CONDUCTIVITY mmhos neut.		0/5											
TOTAL HARD ppm CaCO ₃													
EDTA, ppm													
OPERATING DATA	STEAM GENERATION	PRESSURE			FEEDWATER TEMPERATURE	PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY	TEST LOGS		

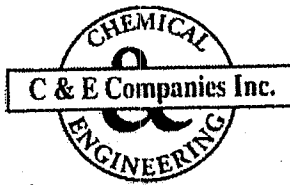
COOLING WATER TREATMENT

TEST	MAKE UP WATER	COND #1				HOT				CHILL	
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE											
Tot ALK ppm CaCO ₃											
Tot. HARD ppm CaCO ₃		50									
Conductivity mmhos		2130	2000/2200								
Molybdenum ppm Mo+6		1.34	0.5/1.5								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂						975	500/1000			1000+	500/1000

PRODUCT IN USE	PRODUCT SUPPLY	
		Softeners are 0/5 as of 9:00 A.M. this morning. As such the setpoint on the tanks was lowered to 1500 mmhos.
		Closed loops - Both hot & chill have good nitrite levels.

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Attention:
John



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FAX (202) 678-5229

Date 6/1/09 Rep John

Company UNICCO - MAIN Phone No. _____
Street Address _____
City KEARNYSVILLE State WV Zip _____
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BOILER WATER TREATMENT

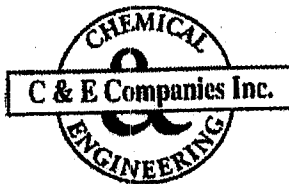
TEST	MAKE UP	SOFTENED			FEED							CONDENSATE	RECOMMENDED LIMITS
		A	B	C		NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE													
TOT ALK ppm CaCO ₃													
P ALK ppm CaCO ₃													
PHOSPHATE ppm PO ₄													
SULFITE ppm SO ₃													
CONDUCTIVITY mmhos neut.	530		520	522									
TOTAL HARD ppm CaCO ₃		5/13	0	0									0-1
EDTA, ppm													
OPERATING DATA	STEAM GENERATION	PRESSURE			FEEDWATER TEMPERATURE	PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY		TEST LOGS	

COOLING WATER TREATMENT

TEST	MAKE UP WATER	TOWER				HOT				CITILL	
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE											
Tot ALK ppm CaCO ₃											
Tot HARD ppm CaCO ₃		130									
Conductivity mmhos		2350	2500								
Molybdenum ppm Mo+6		1.28	1.5								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂						775	500/1000			1000+	500/1000

PRODUCT IN USE	PRODUCT SUPPLY	
		Tower - Conductivity controller was reading a little low at 2150. I calibrated the unit. All other residuals are good.
		Close loops Both nitrite levels are fine.

Attention:
John



FAX (202) 678-5229
Date 5/4/09 Rep. Jim Krenick

UNICCO - MAIN

TEST	MAKE UP	SOFTENED			FEED							CONDENSATE	RECOMMENDED LIMITS
		A	B	C		NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE													
TOT ALK ppm CaCO ₃													
P ALK. ppm CaCO ₃													
PHOSPHATE ppm PO ₄													
SULFITE ppm SO ₃													
CONDUCTIVITY mmhos/cm													
TOTAL HARD ppm CaCO ₃		REG	0	4									0-0.5
EDTA, ppm													
OPERATING DATA	STEAM GENERATION		PRESSURE		FEEDWATER TEMPERATURE		PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY		TEST LOGS

TEST	MAKE UP WATER	TOWER				HOT				CHILL	
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE											
Tot ALK ppm CaCO ₃											
Tot. HARD ppm CaCO ₃		145									
Conductivity mmhos		2130	500/2200								
Molybdenum ppm Mo+6		1.36	0.5/1.5								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂						950	500/1000			1000+	500/1000

PRODUCT IN USE	PRODUCT SUPPLY	
		Softener C shows 4 ppm of hardness in lead.
		Tubs showed 145 ppm of hardness after 4:30 pm last Thursday - no salt was added to the brine tank on ^{on} the weekend Saturday.
		Hot - chill loops - just nitrates.
		Copperware extracted & re-insulated.

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*Attention
John*



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Washington, D.C. 20020
(202) 678-0532

FAX (202) 678-5229
Date *4/3/09* Rep. *J. Leland*

Company UNICCO - MAIN Phone No. _____
Street Address _____
City LEARNERSVILLE State WV Zip _____
Plant Copies To JOHN, BILL

BOILER WATER TREATMENT

TEST	MAKE UP	SOFTENED			FEED							CONDENSATE	RECOMMENDED LIMITS
		1	2	3		NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE													
TOT Alk ppm CaCO ₃													
P ALK ppm CaCO ₃													
PHOSPHATE ppm PO ₄													
SULFITE ppm SO ₃													
CONDUCTIVITY mmhos/cm	<i>807</i>												
TOTAL HARD ppm CaCO ₃	<i>220</i>	<i>0</i>	<i>210</i>	<i>0</i>									<i>0-1</i>
EDTA, ppm													
OPERATING DATA	STEAM GENERATION	PRESSURE			FEEDWATER TEMPERATURE	PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY		TEST LOGS	

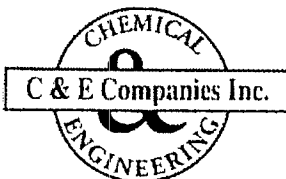
COOLING WATER TREATMENT

TEST	MAKE UP WATER	COND #1		CHILL		HOT					
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE											
Tot ALK ppm CaCO ₃											
Tot HARD ppm CaCO ₃	<i>220</i>	<i>100</i>									
Conductivity mmhos	<i>807</i>	<i>2075</i>	<i>2000/2200</i>								
Molybdenum ppm Mo+6		<i>1.24</i>	<i>0.5/1.5</i>								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂				<i>1000+</i>	<i>500/1000</i>	<i>1000+</i>	<i>500/1000</i>				

PRODUCT IN USE	PRODUCT SUPPLY	
		<i>Condenser #1 - All residuals are good.</i>
		<i>Softeners #1, #3 - good condition w/ ppm hardness. Softener #2 shows 21 ppm hardness - we valved it out (9/5).</i>
		<i>Chill & hot loops - good nitrite @ 1000+ ppm.</i>

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*Attention -
John*



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FAX (202) 678-5229

Date 3/9/09 Rep. John

Company UNICO - MAIN Phone No. _____
Street Address _____
City KEARNEYVILLE State WV Zip _____
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BOILER WATER TREATMENT

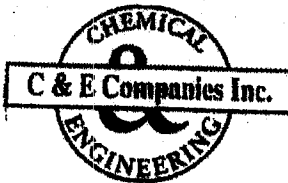
TEST	MAKE UP	SOFTENED			FEED							CONDENSATE	RECOMMENDED LIMITS
		A	B	C		NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE													
TOT Alk ppm CaCO ₃													
P ALK ppm CaCO ₃													
PHOSPHATE ppm PO ₄													
SULFITE ppm SO ₃													
CONDUCTIVITY umhos neuL													
TOTAL HARD ppm CaCO ₃													
EDTA, ppm													
OPERATING DATA	STEAM GENERATION	PRESSURE			FEEDWATER TEMPERATURE	PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY	TEST LOGS		

COOLING WATER TREATMENT

TEST	MAKE UP WATER	COND #1				HOT				CHILL	
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE		8.9									
Tot ALK ppm CaCO ₃		670/140									
Tot. HARD ppm CaCO ₃		1020									
Conductivity umhos		2195	2000/2200								
Molybdenum ppm Mo+6		1.44	0.5/1.5								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂						875	800/1000			1100	500/1000

PRODUCT IN USE	PRODUCT SUPPLY	
		Softeners are all 0/5 - Software is being updated.
		Condenser #1 - Please lower the conductivity to 1200 to avoid scaling while the softener software is being updated.
		Hot - Chill condensers - find nitrite residuals.

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Washington, D.C. 20020
(202) 678-0532
FAX (202) 678-5229

Date 2/9/07 Rep. John

Company UNICO-MAIN

Street Address

Phone No.

City LEARNESVILLE

State

Plant Copies To BILL, JOHN

Zip

BOILER WATER TREATMENT

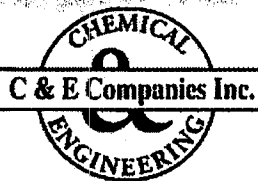
TEST	MAKE UP	SOFTENED			FEED							CONDENSATE	RECOMMENDED LIMITS
		A	B	C		NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE													
TOT ALK ppm CaCO ₃													
P ALK ppm CaCO ₃													
PHOSPHATE ppm PO ₄													
SULFITE ppm SO ₃													
CONDUCTIVITY umhos/cm													
TOTAL HARD ppm CaCO ₃	375	0	200										
EDTA, ppm													
OPERATING DATA	STEAM GENERATION		PRESSURE		FEEDWATER TEMPERATURE		PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY		TEST LOGS

COOLING WATER TREATMENT

TEST	MAKE UP WATER	COND #1		CHILL		HOT					
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE		8.9									
Tot ALK ppm CaCO ₃											
Tot. HARD ppm CaCO ₃	90	50									
Conductivity umhos/cm	800	1740	2000/1200								
Molybdenum ppm Mo+6		1.44	0.5/1.5								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂				1000+	500/100	925	500/100				

PRODUCT IN USE	PRODUCT SUPPLY	
		B Softener shows 200ppm hardness - it was worked on over the weekend.
		Condenser - TDS is a little low - we calibrated the handheld tester and controller.
		Chill - hot loops - found nitrite levels.
		Coupons were removed + re-inserted.

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(202) 678-0532
FAX (202) 678-5229

Date 1/5/09 Rep. John

Company UNICCO-MAIN Phone No. _____
Street Address _____
City KEARNYVILLE State WV Zip _____
Plant Copies To JOHN BILL

BOILER WATER TREATMENT

TEST	MAKE UP	SOFTENED			FEED							CONDENSATE	RECOMMENDED LIMITS
		1	2	3		NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE													
TOT Alk ppm CaCO ₃													
P ALK. ppm CaCO ₃													
PHOSPHATE ppm PO ₄													
SULFITE ppm SO ₃													
CONDUCTIVITY mmhos/cm	<u>790</u>	<u>790</u>	<u>5/3</u>	<u>5/3</u>									
TOTAL HARD ppm CaCO ₃		<u>0</u>											<u>0-0.5</u>
EDTA, ppm													
OPERATING DATA	STEAM GENERATION	PRESSURE			FEEDWATER TEMPERATURE	PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY	TEST LOGS		

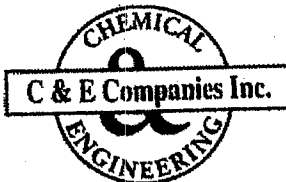
COOLING WATER TREATMENT

TEST	MAKE UP WATER	COND #1		HOT		CHILL					
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE		<u>8.8</u>									
Tot ALK ppm CaCO ₃		<u>630/150</u>	<u>1</u>								
Tot. HARD ppm CaCO ₃		<u>460</u>									
Conductivity mmhos		<u>1910</u>	<u>2000/2200</u>								
Molybdenum ppm Mo+6		<u>1.63</u>	<u>0.5/1.5</u>								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂				<u>975</u>	<u>500/1000</u>	<u>1000*</u>	<u>500/1000</u>				

PRODUCT IN USE	PRODUCT SUPPLY	
		<u>Condensate #1 - Very high hardness levels with incorrect control setting & too low brine addition. Towers were primed last week but should have been filled w/ soft water - please monitor.</u>
		<u>Hot, chill - good nitrites.</u>

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*Attention -
John*



1224 W Street, SE
Washington, D.C. 20020
(202) 678-0532
FAX (202) 678-5229

Date *12/1/08* Rep *John Paul*

Company UNICCO - MAIN Phone No. _____
Street Address _____
City Kearneysville State WV Zip _____
Plant Copies To JOHN, BILL

BOILER WATER TREATMENT

TEST	MAKE UP	SOFTENED			FEED							CONDENSATE	RECOMMENDED LIMITS
						NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE													
TOT Alk ppm CaCO ₃													
P ALK ppm CaCO ₃													
PHOSPHATE ppm PO ₄													
SULFITE ppm SO ₃													
CONDUCTIVITY mmhos/cm													
TOTAL HARD ppm CaCO ₃													
EDTA, ppm													
OPERATING DATA	STEAM GENERATION	PRESSURE			FEEDWATER TEMPERATURE		PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY		TEST LOGS

COOLING WATER TREATMENT

TEST	MAKE UP WATER	MAIN TOWER				CLOSED CHILL				CLOSED HOT	
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE		8.9									
Tot ALK ppm CaCO ₃	<i>1P</i>	180/130									
Tot HARD ppm CaCO ₃		160									
Conductivity mmhos		2180	<i>200/2200</i>								
Molybdenum ppm Mo+6		1.45	<i>0.5/1.5</i>								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂						1025	<i>500/1000</i>			950	<i>500/1000</i>

PRODUCT IN USE	PRODUCT SUPPLY	
		<i>Tower - All residuals are fine.</i>
		<i>Closed loops - Nitrite levels are fine.</i>

1950 Old Gallows Road
Suite 550
Vienna, VA 22182



OFC (703) 506-1960
FAX (703) 506-1957

December 22, 2008

UNICCO
250 Murall Drive
Kearneysville, WV 25430
Attn: John Schilling, Project Manager

Dear John:

Below are the latest corrosion coupon results for the coupons extracted on November 3, 2008. All of the results are well in the excellent to acceptable range. Our target range for the closed loops is less than 0.1 mil/year (mpy) or less on copper and less than 0.2 mpy on mild steel. The condenser ranges for mild steel are 0-2 mpy, which is excellent, and/or 2-5 mpy. As you can see, all of the results are well below the standard values, which is great! In summary, all of the corrosion rates are very acceptable. Our thanks to Bill Bishop who is responsible for the implementation of the program.

<u>Serial # copper</u>	<u>Exposure days</u>	<u>Initial weight</u>	<u>Final weight</u>	<u>Result (MPY) mils per year</u>
B0948/Main Condenser	91	13.3852	13.3621	0.5674900
B0949/Main Hot	91	13.3208	13.31	0.2653200
B0950/Main Chill	91	13.3174	13.3157	<0.1
B0962/Main Process	91	13.3568	13.3575	<0.1
B0963/Annex Hot	91	13.343	13.3485	<0.1
B0964/Annex Condenser	91	13.3434	13.3457	<0.1
B0965/Annex Chill	91	13.3228	13.3219	<0.1

<u>Serial # steel</u>	<u>Exposure days</u>	<u>Initial weight</u>	<u>Final weight</u>	<u>Result (MPY) Mils per year</u>
A60845/Main Chill	91	10.5536	10.5569	<0.1
A80646/Main Process	91	10.528	10.5383	<0.1
A60847/Annex Hot	91	10.5449	10.5165	0.2577846
A60848/Annex Condenser	91	10.5542	10.4483	0.9612462
A60849/Annex Chill	91	10.5888	10.5853	<0.1
A60874/Main Hot	91	10.5609	10.5584	<0.1
A60875/Main Condenser	91	10.5235	10.4607	0.5700308

If you have any further questions, please call anytime @ 703-929-8672.

Thank you,

Jim Roenick

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(703) 506-1957 FAX

*Attention:
John*



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Washington, D.C. 20020
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FAX (202) 678-5229

Date 11/3/08 Rep *John*

Company UNICCO - MAIN Phone No. _____
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Plant Copies To JOHN, BILL

BOILER WATER TREATMENT

TEST	MAKE UP	SOFTENED B			FEED							CONDENSATE	RECOMMENDED LIMITS
						NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE													
TOT Alk ppm CaCO ₃													
P ALK ppm CaCO ₃													
PHOSPHATE ppm PO ₄													
SULFITE ppm SO ₃													
CONDUCTIVITY mmhos/cm													
TOTAL HARD ppm CaCO ₃			0										
EDTA, ppm													
OPERATING DATA	STEAM GENERATION		PRESSURE		FEEDWATER TEMPERATURE		PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY		TEST LOGS

COOLING WATER TREATMENT

TEST	MAKE UP WATER	COND #1		CHILL		HOT					
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE		<i>8.9</i>									
Tot ALK ppm CaCO ₃											
Tot. HARD ppm CaCO ₃											
Conductivity mmhos		<i>2086</i>	<i>2000/2200</i>								
Molybdenum ppm Mo+6		<i>1.14</i>	<i>0.5/1.5</i>								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂				<i>1025</i>	<i>500/1000</i>	<i>975</i>	<i>500/1000</i>				

PRODUCT IN USE	PRODUCT SUPPLY	
		<i>Softener "B" is good quality w/ 0 ppm hardness.</i>
		<i>Condenser - All residuals are fine.</i>
		<i>Closed loops nitrite levels are fine.</i>
		<i>Weapons were removed + re-inserted.</i>

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BOILER WATER TREATMENT

TEST	MAKE UP	SOFTENED B			FEED							CONDENSATE	RECOMMENDED LIMITS
						NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE													
TOT Alk ppm CaCO ₃													
P ALK ppm CaCO ₃													
PHOSPHATE ppm PO ₄													
SULFITE ppm SO ₃													
CONDUCTIVITY mmhos neut.													
TOTAL HARD ppm CaCO ₃			0										
EDTA, ppm													
OPERATING DATA	STEAM GENERATION	PRESSURE			FEEDWATER TEMPERATURE	PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY		TEST LOGS	

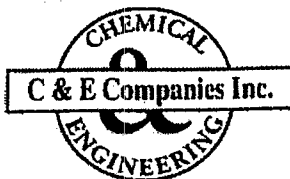
COOLING WATER TREATMENT

TEST	MAKE UP WATER	COND #1				CHILL				HOT	
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE		8.9									
Tot ALK ppm CaCO ₃		780/180									
Tot HARD ppm CaCO ₃		120									
Conductivity mmhos	697	2080	2000/2200								
Molybdenum ppm Mo+6		1.34	0.5/1.5								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂						10000	500/10000			10000	500/10000

PRODUCT IN USE	PRODUCT SUPPLY	
		B Septene - good quality.
		Condenser #1 - All residuals are fine.
		Chill - hot closed loops. No nitrite residuals are fine @ 71,000 ppm.

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Attention John



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Date *9/8/88* Rep. *John*

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BOILER WATER TREATMENT

TEST	MAKE UP	SOFTENED <i>2</i>			FEED							CONDENSATE	RECOMMENDED LIMITS
						NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE													
TOT Alk ppm CaCO ₃													
P ALK ppm CaCO ₃													
PHOSPHATE ppm PO ₄													
SULFITE ppm SO ₃													
CONDUCTIVITY mmhos neut.				<i>632</i>									
TOTAL HARD ppm CaCO ₃				<i>0</i>									
EDTA, ppm													
OPERATING DATA		STEAM GENERATION		PRESSURE		FEEDWATER TEMPERATURE		PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY	TEST LOGS

COOLING WATER TREATMENT

TEST	MAKE UP WATER	COND #4		HOT		CHILL					
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE		<i>8.9</i>									
Tot ALK ppm CaCO ₃		<i>750/150</i>									
Tot. HARD ppm CaCO ₃		<i>170</i>									
Conductivity mmhos		<i>2250</i>	<i>2000/2200</i>								
Molybdenum ppm Mo+6		<i>1.61</i>	<i>0.5/1.5</i>								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂				<i>725</i>	<i>500/1000</i>	<i>1025</i>	<i>500/1000</i>				

PRODUCT IN USE	PRODUCT SUPPLY	
		<i>Hardness in the tower is a little high - the tower was filled with well water + not soft water. It is coming down from a high hardness of 400. All other tower levels are fine.</i>
		<i>Hot - chill temps - Good nitrite residuals.</i>

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Date 8/3/09 Rep. J. L. L...

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BOILER WATER TREATMENT

TEST	MAKE UP	A SOFTENED		B	FEED							CONDENSATE	RECOMMENDED LIMITS
						NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE													
TOT Alk ppm CaCO ₃													
P ALK ppm CaCO ₃													
PHOSPHATE ppm PO ₄													
SULFITE ppm SO ₃													
CONDUCTIVITY mmhos neut.	801												
TOTAL HARD ppm CaCO ₃		0		0									0-0.5
EDTA, ppm													
OPERATING DATA	STEAM GENERATION	PRESSURE		FEEDWATER TEMPERATURE		PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY		TEST LOGS	

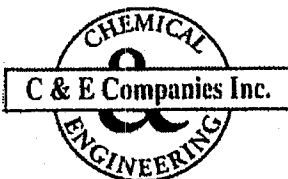
COOLING WATER TREATMENT

TEST	MAKE UP WATER	COND #3				CHILL					
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE											
Tot ALK ppm CaCO ₃											
Tot. HARD ppm CaCO ₃		2									
Conductivity mmhos	801	2225	2000/2200								
Molybdenum ppm Mo+6		1.21	0.5/1.5								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂						1000+	500/1000				

PRODUCT IN USE	PRODUCT SUPPLY	
		Softener #1-#2 - Good quality w/ 8 ppm hardness.
		Condenser #3 - All residuals are OK.
		Chill - Good Nitrite @ 1000+ ppm.
		Coupons were removed & re-installed.

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BOILER WATER TREATMENT

TEST	MAKE UP	SOFTENED		FEED							CONDENSATE	RECOMMENDED LIMITS
		1	2		NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE												
TOT ALK ppm CaCO ₃												
P ALK ppm CaCO ₃												
PHOSPHATE ppm PO ₄												
SULFITE ppm SO ₃												
CONDUCTIVITY mmhos neut.												
TOTAL HARD ppm CaCO ₃		<i>0</i>	<i>0</i>									
EDTA, ppm												
OPERATING DATA	STEAM GENERATION	PRESSURE		FEEDWATER TEMPERATURE	PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY		TEST LOGS	

COOLING WATER TREATMENT

TEST	MAKE UP WATER	COND #2				CHILL					
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE											
Tot ALK ppm CaCO ₃											
Tot. HARD ppm CaCO ₃				<i>0</i>							
Conductivity mmhos	<i>720</i>			<i>2230</i>	<i>2000/2200</i>						
Molybdenum ppm Mo+6				<i>1.21</i>	<i>0.5/1.5</i>						
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂								<i>1000+</i>	<i>500/1000</i>		

PRODUCT IN USE	PRODUCT SUPPLY	
		<i>Both softeners are soft.</i>
		<i>Condenser #2 - All residuals are fine.</i>
		<i>chill - Good nitrite @ 1000+ ppm.</i>

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Date *6/1/09* Rep. *[Signature]*

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BOILER WATER TREATMENT

TEST	MAKE UP	SOFTENED		FEED							CONDENSATE	RECOMMENDED LIMITS
		1	2		NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE												
TOT ALK ppm CaCO ₃												
P ALK ppm CaCO ₃												
PHOSPHATE ppm PO ₄												
SULFITE ppm SO ₃												
CONDUCTIVITY mmhos neut.		540	538									
TOTAL HARD ppm CaCO ₃		0	0									0-1
EDTA, ppm												
OPERATING DATA	STEAM GENERATION	PRESSURE		FEEDWATER TEMPERATURE	PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY		TEST LOGS	

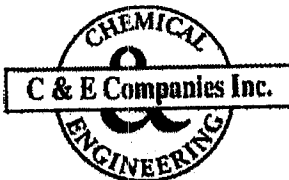
COOLING WATER TREATMENT

TEST	MAKE UP WATER	COND #1				CHILL				HOT	
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE											
Tot ALK ppm CaCO ₃											
Tot HARD ppm CaCO ₃		15									
Conductivity mmhos		2040	2000/2000								
Molybdenum ppm Mo+6		1.43	0.5/1.5								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂						1000+	500/1000			975	500/1000

PRODUCT IN USE	PRODUCT SUPPLY	<i>Softeners 1+2 - good quality w/ 0 ppm hardness.</i>
		<i>Condenser #1 - All residuals are very good.</i>
		<i>closed hot - chill - good nitrate levels.</i>

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Date *5/4/09* Rep. *John*

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BOILER WATER TREATMENT

TEST	MAKE UP	SOFTENED		FEED	NO.						CONDENSATE	RECOMMENDED LIMITS
		1	2									
pH VALUE												
TOT Alk ppm CaCO ₃												
P ALK. ppm CaCO ₃												
PHOSPHATE ppm PO ₄												
SULFITE ppm SO ₃												
CONDUCTIVITY mhos/cm												
TOTAL HARD ppm CaCO ₃		0	0									0-0.5
EDTA, ppm												
OPERATING DATA	STEAM GENERATION	PRESSURE		FEEDWATER TEMPERATURE		PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY	TEST LOGS	

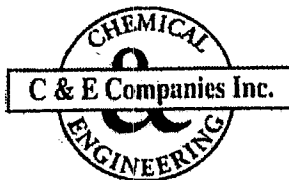
COOLING WATER TREATMENT

TEST	MAKE UP WATER	COND #3				CITILL				HOT	
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE		8.9									
Tot ALK ppm CaCO ₃											
Tot HARD ppm CaCO ₃		0									
Conductivity mhos/cm		2110	2100/2200								
Molybdenum ppm Mo+6		1.35	0.5/1.5								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂						1000+	500/1000			1000+	500/1000

PRODUCT IN USE	PRODUCT SUPPLY	
		Softeners #1-2 show excellent quality w/ 0 ppm hardness.
		Condenser #3 - All residuals are very good - 0 ppm hardness in the condenser water.
		Chel - hot loops - good nitrite @ 1000+ ppm.
		Coupons were extracted & re-inspected.

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Date *4/3/09* Rep. *John*

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BOILER WATER TREATMENT

TEST	MAKE UP	SOFTENED		FEED							CONDENSATE	RECOMMENDED LIMITS
		1	2		NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE												
TOT Alk ppm CaCO ₃												
P ALK. ppm CaCO ₃												
PHOSPHATE ppm PO ₄												
SULFITE ppm SO ₃												
CONDUCTIVITY mmhos/cm	<i>805</i>											
TOTAL HARD ppm CaCO ₃	<i>220</i>	<i>0</i>	<i>0</i>									<i>0-1</i>
EDTA, ppm												
OPERATING DATA	STEAM GENERATION	PRESSURE		FEEDWATER TEMPERATURE	PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY		TEST LOGS	

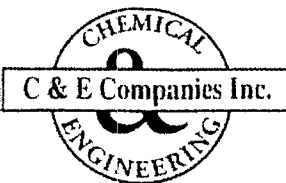
COOLING WATER TREATMENT

TEST	MAKE UP WATER	COND # <i>3</i>				CHILL				HOT	
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE											
Tot ALK ppm CaCO ₃											
Tot HARD ppm CaCO ₃	<i>220</i>	<i>30</i>									
Conductivity mmhos	<i>805</i>	<i>2150</i>	<i>2000/2200</i>								
Molybdenum ppm Mo+6	<i>220</i>	<i>1.05</i>	<i>0.5-1.5</i>								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂						<i>1000+</i>	<i>500/1000</i>			<i>1000+</i>	<i>500/1000</i>

PRODUCT IN USE	PRODUCT SUPPLY	<i>Softeners 1 & 2 show good quality w/ 8 ppm hardness.</i>
		<i>Condenser #3 - All recirculation is fine</i>
		<i>Chill - hot loops - Good nitrite @ 1000+ ppm in each system</i>

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BOILER WATER TREATMENT

TEST	MAKE UP	SOFTENED		FEED							CONDENSATE	RECOMMENDED LIMITS
		1	2		NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE												
TOT ALK ppm CaCO ₃												
P ALK ppm CaCO ₃												
PHOSPHATE ppm PO ₄												
SULFITE ppm SO ₃												
CONDUCTIVITY mmhos neut.												
TOTAL HARD ppm CaCO ₃		0	0									0-0.5
EDTA, ppm												
OPERATING DATA	STEAM GENERATION	PRESSURE		FEEDWATER TEMPERATURE	PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY	TEST LOGS		

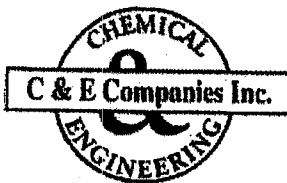
COOLING WATER TREATMENT

TEST	MAKE UP WATER	COND #2				HOT				CITILL	
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE		8.9									
Tot ALK ppm CaCO ₃		490/140									
Tot. HARD ppm CaCO ₃		30									
Conductivity mmhos		2230	200/2200								
Molybdenum ppm Mo+6		1.21	0.5/1.5								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂						100.0 + 500/1000				1500 + 500/1000	

PRODUCT IN USE	PRODUCT SUPPLY	
		Condenser #2 - All residuals are fine.
		Softeners Both softeners are soft.
		Hot - chill - Both softeners contain over 1000 ppm nitrite.

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Date 2/9/09 Rep. J. Koenig

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BOILER WATER TREATMENT

TEST	MAKE UP	SOFTENED		FEED							CONDENSATE	RECOMMENDED LIMITS
		1	2		NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE												
TOT Alk ppm CaCO ₃												
P ALK ppm CaCO ₃												
PHOSPHATE ppm PO ₄												
SULFITE ppm SO ₃												
CONDUCTIVITY mmhos/cm												
TOTAL HARD ppm CaCO ₃		0	0									
EDTA, ppm												
OPERATING DATA	STEAM GENERATION		PRESSURE		FEEDWATER TEMPERATURE		PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY	TEST LOGS

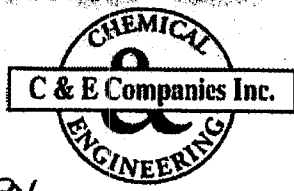
COOLING WATER TREATMENT

TEST	MAKE UP WATER	COND #3		HOT		CHILL					
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE											
Tot ALK ppm CaCO ₃											
Tot. HARD ppm CaCO ₃		260	4100								
Conductivity mmhos		2200	2000/2200								
Molybdenum ppm Mo+6		1.53	0.5/1.5								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂				8000+	500/1000	975	500/1000				

PRODUCT IN USE	PRODUCT SUPPLY	
		Condenser #3 - Hardness is high but softeners are soft now. I suspect over run when it's not seen - we raised the inlet hardness setting from 25 to 40.
		Closed hot & chill loops over with the beads.
		Cupens were extracted & re-injected.

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BOILER WATER TREATMENT

TEST	MAKE UP	SOFTENED			FEED							CONDENSATE	RECOMMENDED LIMITS
						NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE													
TOT Alk ppm CaCO ₃													
P ALK ppm CaCO ₃													
PHOSPHATE ppm PO ₄													
SULFITE ppm SO ₃													
CONDUCTIVITY mmhos neut.													
TOTAL HARD ppm CaCO ₃													
EDTA, ppm													
OPERATING DATA	STEAM GENERATION	PRESSURE			FEEDWATER TEMPERATURE	PERCENT RETURNS		TYPE FUEL			REAGENT SUPPLY	TEST LOGS	

COOLING WATER TREATMENT

TEST	MAKE UP WATER	COND #2		CHILL		HOT					
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE		8.9									
Tot ALK ppm CaCO ₃		640/120									
Tot. HARD ppm CaCO ₃		240									
Conductivity mmhos		2137	2000/6000								
Molybdenum ppm Mo+6		1.69	0.5/1.5								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂				975	500/1000	1000	500/1000				

PRODUCT IN USE	PRODUCT SUPPLY	
		Condenser #2 - New softeners are installed but need to be adjusted because hardness is higher than normal @ 240 ppm. We raised the hardness gauge from 30-35 gr. Please get model # for salt dosage.
		Chill - hot - Good nitrite levels.

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(202) 678-0532

FAX (202) 678-5229

Date 12/1/2008 Rep. for General

Company UNICCO - Annex Phone No. _____
Street Address _____
City Kearneyville State WV Zip _____
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BOILER WATER TREATMENT

TEST	MAKE UP	A SOFTENED		B	FEED							CONDENSATE	RECOMMENDED LIMITS
						NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE													
TOT Alk ppm CaCO ₃													
P ALK ppm CaCO ₃													
PHOSPHATE ppm PO ₄													
SULFITE ppm SO ₃													
CONDUCTIVITY mmhos/cm	763	58		760									
TOTAL HARD ppm CaCO ₃		31		0									
EDTA, ppm													
OPERATING DATA		STEAM GENERATION		PRESSURE		FEEDWATER TEMPERATURE		PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY	TEST LOGS

COOLING WATER TREATMENT

TEST	MAKE UP WATER	TOWER				HOT				CHILL	
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE		9.5									
Tot ALK ppm CaCO ₃		570/100									
Tot. HARD ppm CaCO ₃		50									
Conductivity mmhos	763	1730	200/200								
Molybdenum ppm Mo+6		0.26	0.5/1.5								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂						825	500/1000			960	500/1000

PRODUCT IN USE	PRODUCT SUPPLY	
		Tower - The controller had its flow override last week. The circ line is stopped up - it will be cleared out today. All residuals are off b/c of the line blockage.
		Hot - Chill - Good nitrite levels.

1950 Old Gallows Road
Suite 550
Vienna, VA 22182
(703) 506-1960
(703) 506-1957 FAX

Attention:
John



1224 W Street, SE
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(202) 678-0532
FAX (202) 678-5229

Date 11/3/08 Rep. John

Company UNIKCO - ANNEX Phone No. _____
Street Address _____
City Kearneysville State WV Zip _____
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BOILER WATER TREATMENT

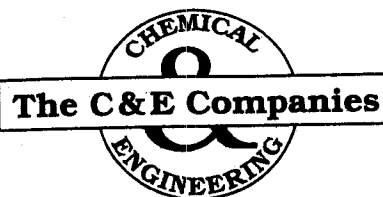
TEST	MAKE UP	SOFTENED		FEED							CONDENSATE	RECOMMENDED LIMITS
		A	B		NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE												
TOT ALK ppm CaCO ₃												
P ALK ppm CaCO ₃												
PHOSPHATE ppm PO ₄												
SULFITE ppm SO ₃												
CONDUCTIVITY mmhos neut.		730	733									
TOTAL HARD ppm CaCO ₃		0	0									
EDTA, ppm												
OPERATING DATA	STEAM GENERATION	PRESSURE		FEEDWATER TEMPERATURE		PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY		TEST LOGS

COOLING WATER TREATMENT

TEST	MAKE UP WATER	COND #3		HOT		CHILL					
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE											
Tot ALK ppm CaCO ₃		730/170									
Tot. HARD ppm CaCO ₃		118									
Conductivity mmhos	730	2100	200/200								
Molybdenum ppm Mo+6		1.26	0.5/1.5								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂				975	500/1000	875	500/1000				

PRODUCT IN USE	PRODUCT SUPPLY	
		New softeners installed & working fine.
		Condenser #3 - All residuals OK. Hardness is low higher than usual because softeners were O/S for replacement for 2 weeks.
		closed loops are fine.
		Coupons were pulled & re-inserted.

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1224 W Street, SE
Washington, D.C. 20020
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FAX (202) 678-5229
Date 10/6/08 Rep. *John Burch*

Company UNICCO-ANNE Phone No. _____
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City KEARNYSVILLE State WV Zip _____
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BOILER WATER TREATMENT

TEST	MAKE UP	SOFTENED		FEED							CONDENSATE	RECOMMENDED LIMITS
		1	2		NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE												
TOT ALK ppm CaCO ₃												
P ALK ppm CaCO ₃												
PHOSPHATE ppm PO ₄												
SULPHITE ppm SO ₃												
CONDUCTIVITY mmhos neut.												
TOTAL HARD ppm CaCO ₃		0	REGN									
OPERATING DATA	STEAM GENERATION	PRESSURE		FEEDWATER TEMPERATURE	PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY		TEST LOGS	

COOLING WATER TREATMENT

TEST	MAKE UP WATER	COND #3		CHILL		HOT					
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE		8.9									
Tot ALK ppm CaCO ₃		740/1000									
Tot HARD ppm CaCO ₃		40									
Conductivity mmhos		2053	2000/2200								
Molybdate ppm MoO ₄		1.54	0.5/1.5								
Phosphate ppm PO ₄											
NITRITE				1000	500/1000	1000	500/1000				

PRODUCT IN USE	PRODUCT SUPPLY	
		CONDENSER #3 ALL RESIDUALS ARE FINE.
		CHILL - HOT CLOSED LWS NITRITES ARE FINE @ 1000+
		ppm.

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Attention
John



1224 W Street, SE
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FAX (202) 678-5229
Date 9/8/08 Rep. J. R. Rasmussen

Company UNICCO - ANNEX Phone No. _____
Street Address _____
City KEARNEYVILLE State WV Zip _____
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BOILER WATER TREATMENT

TEST	MAKE UP	SOFTENED			FEED							CONDENSATE	RECOMMENDED LIMITS
		A		B		NO.	NO.	NO.	NO.	NO.	NO.		
pH VALUE													
TOT Alk ppm CaCO ₃													
P ALK ppm CaCO ₃													
PHOSPHATE ppm PO ₄													
SULFITE ppm SO ₃													
CONDUCTIVITY mmhos neut.	630												
TOTAL HARD ppm CaCO ₃		0		REGN									
EDTA, ppm													
OPERATING DATA	STEAM GENERATION		PRESSURE		FEEDWATER TEMPERATURE		PERCENT RETURNS		TYPE FUEL		REAGENT SUPPLY		TEST LOGS

COOLING WATER TREATMENT

TEST	MAKE UP WATER	COND #1		CHILL		HOT					
		ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS	ACTUAL	LIMITS
pH VALUE		8.8									
Tot ALK ppm CaCO ₃		680/130									
Tot. HARD ppm CaCO ₃		44									
Conductivity mmhos		2085	2000/2200								
Molybdenum ppm Mo+6		1.25	0.5/1.5								
Phosphate ppm PO ₄											
Nitrite, ppm NaNO ₂				875	500/1000	0/5					

PRODUCT IN USE	PRODUCT SUPPLY	
		Softener is soft. B Softener is in regen.
		Condense #1 - All residuals are fine.
		Chill - Good nitrite @ 875 ppm