

ILLINOIS POWER COMPANY



4F.130  
U-10211

CLINTON POWER STATION, P.O. BOX 678, CLINTON, ILLINOIS 61727

October 25, 1984

Mr. Paul Cortland  
U.S. Nuclear Regulatory Commission  
359 E/W-W  
Washington, DC 20555

Dear Mr. Cortland:

Per your request of J. Gruber of the Illinois Power Company Quality Assurance Department, enclosed please find documentation pertinent to the 10CFR50.55(e) investigation (84-18) concerning A-36 steel plate material. We have provided all purchase orders to Interstate Steel for plate material along with Receiving Inspection Reports (RIRs) and Certified Material Reports (CMTRs) from the various manufacturers.

We trust that this will provide the information necessary for your investigation but we will forward any additional information you request.

Sincerely yours,

A handwritten signature in cursive script that reads 'D. P. Hall'.

D. P. Hall  
Vice President

MP/cbs

cc: W. Connell, V-923  
H. E. Daniels, V-650  
R. E. Campbell, V-923  
L. C. Floyd, V-905  
J. M. Gruber, V-905

8411190238 841025  
PDR ADDCK 05000461  
S PDR

IE27  
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50-46L

TAB #	HEAT	RIR	PO	DISCIPLIN	REQUISITION	MANUFACTURER		# SIZE	QTY	REMARKS
1	401K7921	S 11926	C 27100	EL	52480	B 235	BETHLEHEM STL	3/8x10x10	408	
	402K5811									
1	401L9171							1/2x12x12	500	
	402L7771									
	401L1861									
1	422C5351							5/8x12x12	400	
	422J3621									
1	402K5811							1/4x10x10	408	
1	494H2651							5/8x11x11	300	
2	A84913	S 13084	C 28584		90155	U 105	US STEEL CORP	1/2x9x9	312	
2	12399					C 532	CONNERS STL	3/8x6x8	508	
2	411L0351					B 235	BETHLEHEM STL	3/4x12x12	80	
2	412L0791							3/4x12x12	170	
2	422L5391							3/8x10x10	300	
2	431L0481							3/4x12x12	50	
3	12788	S 13085	C 28742		90120	C 532	CONNERS STL	3/8x6x8	300	
3	23535	S 13457						1/2x8x9	390	
3	23535	S 12947						1/2x8x8	994	
3	496K1721							1/2x8x9	200	
3	496K1721					B-235	BETHLEHEM STL	3/8x14x16	300	
4	F 26829	S 13080	C 29186		90241, 90241	P 357	POHANG IRON & STL	5/8x14x18	80	

TRB #	HEAT	RIR	PO	DISCIN	REQUISITION	MANUFACTURER	# SIZE	QTY	REMARKS
4	F 39964	S 13080	C 29186	EL	90241, 90247	P 357 POHANG IRON & STL	5/8 x 14 x 18	320	
4	S 17301						3/4 x 13 x 13	300	
4	S 17301	S 13167					3/4 x 14 x 14	320	
4	S 17765						3/4 x 14 x 18	122	
4	S 17765	S 13080					3/4 x 14 x 18	36	
4	S 17871	S 13167					1 x 15 x 15	60	
4	S 19547						3/4 x 14 x 18	300	
4	S 19569						3/4 x 14 x 18	182	
4	S 19569	S 13080					3/4 x 14 x 18	60	
4	494L0731						3/4 x 14 x 14	24	
5	492ND492	S 13458	C 30030		90551	B 235 BETHLEHEM STL	5/8 x 48 x 96	20	
6	S 17871	S 13737	C 30358		90678 90648	P 357 POHANG IRON & STL	1 x 14 x 14	1000	
6	S 17871	S 13618					1 x 14 x 14	270	
6	S 19542	S 13823					1/2 x 10 x 10	750	
7	S 17824	S 13738	C 30359		90117 RIDER-1 106493		1/2 x 12 x 12	700	
8	B 5915	S 14215	C 31024	ME	81245 RIDER-1 90267	L 290 LUKENS STEEL	3/8 x 48 x 96	504	
8	411C1371					B 235 BETHLEHEM STL	1/2 x 12 x 12	1008	
9	F 39964	S 14217	C 31099	EL	90874	P 357 POHANG IRON & STL	1/2 x 48 x 96	1	
9	S 17810	S 14236					5/8 x 14 x 14	603	
9							3/4 x 9 x 9	310	

TRK#	HEAT	RIR	PO	DISCIPLN	REQUISITION	MANUFACTURER	#	SIZE	QTY	REMARKS
9	S 19542	S 14236	C 31099	EL	90874	P 357	POHANG IRON & STL	1/2 x 14 x 14	1015	
9	8158921	S 13991	↓		↓	P 214	PHOENIX STL	3/8 x 7 x 7	300	
10	540K8490	S 14653	C 32382		91292	B 235	BETHLEHEM STL	1/4 x 14 x 14 1/4 x 12 x 12	500 1000	
11	411N7321	S 14577	C 32391		91334			3/8 x 48 x 96	20	
11	486K 2790	S 14654						3/8 x 12 x 12	500	
11	490N1031	S 14577						3/8 x 48 x 96	5	
11	540K 8490	S 14654						1/4 x 8 x 8 1/4 x 8 x 9	500 500	
11	550K 2890	↓				↓	↓	1/2 x 2 x 6	500	
11	9215521	S 14833	↓		↓	P 214	PHOENIX STL	3/4 x 12 x 12	399	
12	486K 2790	S 15056	C 33251		91582	B 235	BETHLEHEM STL	3/8 x 8 x 8	1000	
12	8201721	↓	↓		↓	P 214	PHOENIX STL	1/2 x 48 x 96	25	
13	550K 2890	S 15739	C 34282	↓	91891	B 235	BETHLEHEM STL	1/2 x 10 x 10 1/2 x 11 x 11	1000 1000	
14	8226725	S 15935	C 34806	EL CS	- 92102 RIDER-1 109759	P 214	PHOENIX STL	1 x 48 x 96	15	
15	D31562C	S 16688	C 35720	EL	91544	L 290	LUKENS STL	1 x 14 x 18	40	
15	14768					C 532	CONNERS STL	3/8 x 8 x 9	1144	
15	15268					↓	↓	1/2 x 8 x 16	60	
15	9232824	↓				P 214	PHOENIX STL	1 x 14 x 18	10	
15	27101	S 16892	↓	EL	↓	C 532	CONNERS STL	3/8 x 8 x 9	364	
16	490S1431	S 16893	C 35741	ME	83158 83841 83851 84153 RIDER 1 - 89574	B 235	BETHLEHEM STL	1 1/4 x 60 x 108	4	
17	402W 8091	S 20131	C 43470	EL	94691	↓	↓	3/8 x 48 x 96	5	

TAB#	HEAT	RIR	PO	DISCPN	REQUISITION	MANUFACTURER	#	SIZE	QTY	REMARKS
17	421W0001	S 20137	C 43470	EL	94691	B 235 BETHLEHEM STL		$\frac{3}{4} \times 48 \times 96$	12	
17	421W1681							$\frac{3}{4} \times 48 \times 96$	1	
17	422W7811							$\frac{3}{4} \times 48 \times 96$	7	
17	422X4731							$\frac{1}{4} \times 48 \times 96$	5	
17	422X5051							$\frac{1}{4} \times 48 \times 96$	15	
17	9371221					P 214 PHOENIX STL		$\frac{5}{8} \times 48 \times 96$	5	
17	9385521							$\frac{5}{8} \times 48 \times 96$	10	
17	9440021	S 20344						$\frac{1}{2} \times 48 \times 96$	20	
18	8392521	S 20138	C 43471		- 94687 RIDER 1 - 95341			$\frac{3}{4} \times 18 \times 18$	50	
18	9239621	S 20239						$\frac{3}{8} \times 9 \times 9$	6	
18	8293221							$\frac{3}{8} \times 9 \times 9$	12	
18	8346621							$\frac{3}{8} \times 9 \times 9$	14	
18	9324421							$\frac{3}{8} \times 9 \times 9$	45	
18	432N4251					B 235 BETHLEHEM STL		$\frac{3}{8} \times 9 \times 9$ $\frac{3}{8} \times 12 \times 12$	192 60	
18	8229319					P 214 PHOENIX STL		$\frac{3}{8} \times 9 \times 9$	62	
18	9242221							$\frac{3}{8} \times 9 \times 9$ $\frac{3}{8} \times 12 \times 12$	96 120	
18	9301021							$\frac{3}{8} \times 9 \times 9$	26	
18	9323623							$\frac{3}{8} \times 9 \times 9$	50	
18	412T0331					B 235 BETHLEHEM STL		$\frac{3}{8} \times 12 \times 12$	20	

776#	HEAT	RIR	PO	DISPIN	REQUISITION	MANUFACTURER	# SIZE	QTY	REMARKS
18	9381321	S 20239	C 43471	EL	RIDER 1-95341 94681	P 214 PHENIX STL	3/4 x 18 x 18	5	
18	8392521						3/4 x 18 x 18	80	
18	8364721						3/4 x 18 x 18	65	
18	8392067						1 x 14 x 14	204	
18	9419425						1 x 14 x 14	203	
18	8387467						1 x 14 x 14	94	
18	9342121	S 20497					3/4 x 12 x 12	200	
18	9440021						1/2 x 9 x 9	449	
18	9440021						1/2 x 10 x 10	240	
18	944062R						1/2 x 12 x 12	340	
18	944062R						1/2 x 10 x 10	102	
18	9385921						1/2 x 12 x 12	8	
18	9385921						1/2 x 14 x 14	42	
18	9421421						1/2 x 10 x 10	168	
18	9334121						1/2 x 12 x 12	54	
18	8352821						1/2 x 14 x 14	4	
18	8352821						1/2 x 9 x 9	31	
18	9193821						1/2 x 10 x 10	50	
18	9371221						1/2 x 14 x 14	8	
18	9371221						1/2 x 9 x 9	5	
18	9371221						1/2 x 10 x 10	9	
18	9371221						1/2 x 12 x 12	18	
18	9371221						1/2 x 10 x 10	11	
18	9371221						1/2 x 12 x 12	62	
18	9371221						1/2 x 12 x 12	18	

TAB#	HEAT	RIR	PO	DISCPLN	REQUISITION	MANUFACTURER	#	SIZE	QTY	REMARKS
18	432W8141	S 26497	C 43471	EL	94681 RIDER 1-95341	B 235 BETHLEHEM STL		1/2 x 14 x 14	44	
18	9316221	↓	↓	↓	↓	P 214 PHOENIX STL		1/2 x 10 x 10	16	
18	412T3081	↓	↓	↓	↓	B 235 BETHLEHEM STL		1/2 x 9 x 9	15	
2	8117721	S 12949	C 28584			P 214 PHOENIX STL		1/2 x 15 x 15	300	NOTE 1
5	432L7521	S 13458	C 30030			B 235 BETHLEHEM STL		1/2 x 10 x 10 1/2 x 14 x 18	450 100	NOTE 2
NOTE 1 :		THIS MATERIAL WAS THAT QUESTIONED ON 50.55(e) INVESTIGATION, 84-18.								
NOTE 2 :		THIS MATERIAL WAS TESTED AS PART OF A SAMPLING PROGRAM FOR ELECTRICAL HANGER MATERIALS PER 50.55(e) INVESTIGATION, 84-02.								

# BALDWIN ASSOCIATES

(IN CLINTON)

## No. C 27100

### PURCHASE ORDER

FRUIN-COLNON CORPORATION      KELSO-BURNETT CO., INC.  
 McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.      POWER SYSTEMS, INC.  
 P.O. BOX 306      CLINTON, ILLINOIS 61727  
 PHONE 217 - 937-1111

Plan 4

Safety Related

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE

VENDOR	Interstate Steel Supply Co. 1800 E. Byberry Road Philadelphia, PA. 19116  ATTN: Bill Sarle  YOUR REFERENCE:	ROUTING			SHIP TO:  Clinton, Ill.	
		TITLE	APPR.	DATE		
		DEPT. MGR.				
		PROJ. ENG.				
		Q.A. MGR.				
		PROJ. MGR.			AREA	FOREMAN
		PUR. MGR.				G. Fernandez

DATE	TERMS	CHARGE TO	REQUISITION NO.	SHIP VIA	DESTINATION
9-30-80	Net 30	1026A 3497232K	52480	Truck-Prepaid	Destination
SEND FOUR COPIES OF ALL INVOICES TO: P.O. Box 306 Clinton, Ill. 61727				DELIVERY REQUIRED	
<input type="checkbox"/> FOR RESALE <input checked="" type="checkbox"/> TAXABLE				10-14-80	

QUANTITY	DESCRIPTION
	Deliver the following in accordance with the purchase order terms and conditions Form No. _____:
100 pcs.	PL 5/8" x 12" x 12" Steel Plates
500 pcs.	PL 1/2" x 12" x 12" Steel Plates
300 pcs.	PL 5/8" x 11" x 11" Steel Plates
100 pcs.	PL 3/8" x 10" x 10" Steel Plates
100 pcs.	PL 1/4 x 10" x 10" Steel Plates
All material is to be ASTM A36.	
Total estimated weight 34,000 lbs. Certified material test reports required that include the actual results of all chemical analysis and mechanical test.	
All certificates of compliance, test reports, inspection reports, NDE records or other material certifications which are required by our Purchase Orders must be received before invoices will be processed for payment.	
ONE (1) COPY TO ACCOMPANY SHIPMENT ONE (1) COPY TO BE MAILED	
ALL DOCUMENTATION WHICH IS TO BE MAILED, SHOULD BE ADDRESSED TO: BALDWIN ASSOCIATES, P.O. BOX 306, CLINTON, ILL. 61727 ATTN: MANAGER OF QUALITY CONTROL	
CONFIRMING:	
VENDOR: PLEASE SIGN AND RETURN ACCEPTANCE COPY IMMEDIATELY TO PURCHASER	

BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

EL



# REQUISITION BALDWIN ASSOCIATES

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

NO. ELEC-52480 \$

PURCHASE ORDER NO. C27100

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input checked="" type="checkbox"/> PURCHASE FROM:		NON SAFETY <input type="checkbox"/>		SAFETY RELATED <input checked="" type="checkbox"/>	
VENDOR <b>INTERSTATE STEEL SUPPLY CO.</b>		DATE <b>9-19-80</b>	PLAN NO. <b>IV</b>	PROJECT ENGINEER <i>[Signature]</i>	DATE <b>9-19-80</b>		
STREET <b>1800 E BYBERRY ROAD</b>		JOB REFERENCE <b>10716A</b>		SA MANAGER <i>[Signature]</i>	DATE <b>9/23/80</b>		
CITY & STATE <b>PHILADELPHIA, PA 19116</b>		CHARGE TO SUB ACCOUNT NO. <b>3497230E</b>		PROJECT ENGINEER <b>K.O.</b>	DATE <b>9/22/80</b>		
ATTENTION <b>BILL SARLES 800-523-3340</b>		SHIP TO: <b>C.P.S.</b>		SPECIAL INSTRUCTIONS: <b>K-2949 MATERIALS FOR ELECTRICIANS</b>			
<input checked="" type="checkbox"/> CONFIRMING <input type="checkbox"/> NOT CONFIRMING							

REQUIRED DELIVERY DATE <b>OCT 14, 1980</b>	DELIVER TO AREA DROV. <b>(ELECTRICIANS)</b>	<input type="checkbox"/> FOR RESALE	SHIP VIA <input checked="" type="checkbox"/> TRUCK-PREPAID <input type="checkbox"/> RAIL-PREPAID
		<input checked="" type="checkbox"/> TAXABLE	FOB <input type="checkbox"/> FACTORY <input checked="" type="checkbox"/> DESTINATION

QUANTITY	PART OR CAT. NO.	DESCRIPTION
400 PCS		PL 5/8" X 12" X 12" STEEL PLATES
500 PCS		PL 1/2" X 12" X 12" STEEL PLATES
300 PCS		PL 5/8" X 11" X 11" STEEL PLATES
400 PCS		PL 3/8" X 10" X 10" STEEL PLATES
400 PCS		PL 1/4" X 10" X 10" STEEL PLATES
<p>ALL MATERIAL IS TO BE ASTM A36 TOTAL ESTIMATED WEIGHT 34,000 LBS. CERTIFIED MATERIAL TEST REPORTS REQUIRED THAT INCLUDE THE ACTUAL RESULTS OF ALL CHEMICAL ANALYSIS AND MECHANICAL TEST.</p> <p><i>m/p.p.</i> TO BE USED FOR CONDUIT SUPPORT.</p> <p>CONF 9-27-80 SHIP 10-10-80 <b>(DB)</b></p>		
TERMS: 1/2 % 10, NET 30		

REQUISITIONED BY <i>[Signature]</i> CRAFT <b>ELECTRICIANS</b>	APPROVED BY <i>[Signature]</i> PROJECT MANAGER <i>[Signature]</i> 9-23-80 ILLINOIS POWER CO.
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S-0 - AII.1(A)

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

# QUALITY CONTROL RECEIVING INSPECTION REPORT

RIR No. S-11926  
DATE 12/5/80

C.P.S. UNIT: 0

SAFETY  NON-SAFETY

SHEET 1 OF 1

SPEC/REV/ADDN: K-2949 Apr. 9

REFERENCE DOCUMENTS:

CONFORMS  NO DOCUM. REQ.

DISPOSITION LEGEND:

VENDOR: Interstate Steel Sup.

BAP 23

TAG TYPE \_\_\_\_\_

PO NO: C-27100

A1-27100

TAG NO. \_\_\_\_\_

ISSUED \_\_\_\_\_

ARRIVAL DATE: 10/23/80

CLEARED \_\_\_\_\_

NCR NO. \_\_\_\_\_

A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION PRELIM FINAL	PRELIM DISPOSITION BY	DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
400 ea.	N/A	N/A	5/8 x 12 x 12 Plain Steel Plates A-36	401L9171	A				12/5/80	ELL-1
500 ea.			1/2 x 12 x 12 " " "	422C5351						
300 ea.			5/8 x 11 x 11 " " "	402L7771						
408 ea.			3/8 x 10 x 10 " " "	494H2651						
408 ea.			1/4 x 10 x 10 " " "	402K5811						
X	N/A	N/A	1/2 x 12 x 12 Plain Steel Plates A-36	401K7921	A				12/5/80	ELL-1
				401L1861						
DUG										
REFERENCE COPY										
BALDWIN ASSOCIATES RECEIVED										
DEC 10 1980										
DOCUMENT RECORD CENTER										
A. M. NASH										

DATE 12/5/80

INSPECTED BY: Eng. L. Frank

COMMENTS: \* There are three different H&H's for 1/2 x 12 x 12 (500 ea.) This last entry is to be included w/ the quantity above mentioned.

Distribution: Original - Records  
Pink & Green - Receiving  
Yellow & Gold - Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.): [Signature]

DATE 12/5/80

**BETHLEHEM STEEL CORPORATION**  
METALLURGICAL DEPARTMENT  
**REPORT OF TEST AND ANALYSIS**

SHIPMENT NO. 409-12073 DATE SHIPPED 10/10/50 CAR OR VEHICLE NO. 4010 10000

**SOLD TO**  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

**SHIP TO**  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %	BEND
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH			WEIGHT	IN.		
CO# 13934-B					060@9205	GD# 003-6616A		8225	0	31165		
3090		ASTM A36-77A										
		411J6861	2	5/8	12	240	1020	51.2	72.8	8	24	OK
								42.5	75.0	8	26	OK
		412J3621	16	5/8	12	240	9180	45.0	67.9	8	23	OK
								40.2	66.0	2	34	OK
		401J8871	12	3/8	12	240	3672	42.4	62.3	8	21	OK
								41.2	66.3	8	29	OK

**INTERSTATE STEEL SUPPLY CO.**

Test Reports for

BEND TEST A6S14

*Bethlehem Steel*  
Your Order # C27100/52480  
Requisition # 21829  
Our Invoice # CHARPY IMPACT

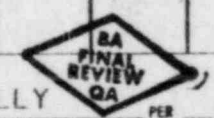
**DRG**  
**REFERENCE COPY**

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	TYPE	SIZE	DIR.	TEST TEMP.	ENERGY (FT. LBS.)				DUCTILITY (%)			LAT. EXP. (M.I.S.)			
									1	2	3	AVG.	1	2	3	1	2	3	

HEAT NUMBER	CHEMICAL ANALYSIS													McQUAD GRAN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	N	Al	
411J6861	.21	1.18	.010	.015	.040									
412J3621	.21	1.04	.011	.018	.020									
401J8871	.20	.77	.013	.025	.050									

S-11926

CCL 12/17/50



I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

**E. B. SHELLY**  
CHIEF METALLURGIST

METALLURGICAL DEPARTMENT  
**REPORT OF TEST AND ANALYSIS**

DATE SHIPPED: 06/08/70 CAR OR VEHICLE NO: MNTC MCHICHOLAS J V  
 PARRONS 11, 409-11592

SHIP TO  
 INTERSTATE STEEL SUPPLY CO  
 1800 E BYBERRY RD  
 PHILADELPHIA PA 19116

SHIP TO  
 INTERSTATE STEEL SUPPLY CO  
 1800 E BYBERRY RD  
 PHILADELPHIA PA 19116

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY					YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %	BEND
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT			IN.	%		
00# 10717-B					060@1796		60# 003-2811		8225/131721				
2600		ASTM A-36-75											
		4210411	3	5/8	12		240	1530	46.7 37.5	68.1 66.5	8 2	29 31	OK OK
		42107641	6	5/8	12		240	3060	46.0 46.8	70.1 69.0	8 8	23 31	OK OK
		42205351	30	5/8	12		240	15300	44.2 41.0	68.6 66.0	8 2	30 28	OK OK

INTERSTATE STEEL SUPPLY CO.  
 Test Reports for

*Balwin Assoc.*

Your Order # C27100/52480

Requisition #

Our Invoice # 21829

BEND TEST A6S14

DRG  
 REFERENCE COPY

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	TYPE	SIZE	DIR.	TEST TEMP.	ENERGY (FT. LBS.)				DUCTILITY (%)			LAT. EXP. (MILS)		
									1	2	3	AVG.	1	2	3	1	2	3

HEAT NUMBER	CHEMICAL ANALYSIS													McQUAD GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	N	Al	
210411	.20	1.10	.011	.021	.050									
2107641	.22	1.08	.016	.025	.030									
2205351	.16	1.05	.028	.029	.140									

RIR  
 S-11926



I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

E. B. SHELLY  
 CHIEF METALLURGIST

BETHLEHEM STEEL CORPORATION

METALLURGICAL DEPARTMENT

REPORT OF TEST AND ANALYSIS

924 (Rev. 8-4-78)

SHIPMENT NO. SPARRROWS PT. 409- 13609	DATE SHIPPED 09/12/80	CAR OR VEHICLE NO. ATFN ATLAS TRANS	PG 1 LAST
--	--------------------------	--	-----------

SOLD TO  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

SHIP TO  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %	BEND
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH			IN.	%		
CO# 19552-B					060@4074	GD# 003-0294		8225/114841				
3090		ASTM A36-77A										
		401L1861	3	1/2	12	240	1224	45.9 38.5	64.6 62.5	8 2	25 35	OK OK
		401L9171	14	1/2	12	240	5712	46.5 47.2	67.9 62.8	8 8	24 28	OK OK
		402L7771	32	1/2	12	240	13056	47.8 42.0	76.0 77.0	8 8	28 29	OK OK

INTERSTATE STEEL SUPPLY CO.  
Test Reports for:

*Bolmer Assoc.*

BEND TEST A6S14

Your Order # C27100/52480  
Requisition #  
Our Invoice # 21829

DRG COPY

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	TYPE	SIZE	DIR.	TEST TEMP.	CHARPY IMPACT				DUCTILITY (%)			LAT. EXP. (MILS.)			
									ENERGY (FT. LBS.)				1	2	3	1	2	3	1

REFERENCE COPY

HEAT NUMBER	CHEMICAL ANALYSIS													McQUA GRAB SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	N	Al	
401L1861	.18	.87	.008	.018	.020									
401L9171	.19	.94	.009	.012	.030									
402L7771	.22	1.09	.018	.021	.050									

RIR  
S-11926



I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

E. B. SHELLY

PER

BETHLEHEM STEEL CORPORATION

METALLURGICAL DEPARTMENT

REPORT OF TEST AND ANALYSIS

SHIPMENT NO. 409- 09678	DATE SHIPPED 05/23/79	CAR OR VEHICLE NO. LIET P LIEDTKA	PG 1 LAST
----------------------------	--------------------------	--------------------------------------	-----------

SOLD TO  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

SHIP TO  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RFD. %	REMARKS
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH			WEIGHT	IN.		
CO# 13129-B 3090		ASTM A36-77A			160@4058	GD# 003-5588A		8225/193341				
		492H2631	8	5/8	60	120	10208	51.5 47.5	73.4 71.0	8 2	23 30	OK OK
		494H2651	8	5/8	60	120	10208	45.2 46.3	66.6 65.4	8 8	24 24	OK OK

INTERSTATE STEEL SUPPLY CO.

Test Reports for

*Baldwin Assoc*

BEND TEST A6S14

Your Order # C27100/524FD

Requisition #

Our Invoice # 21829

DRG  
REFERENCE COPY

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	CHARPY IMPACT														
					ENERGY (FT. LBS.)				DUCTILITY (%)			LAT. EXP. (MRS.)							
					TYPE	SIZE	DIR.	TEST TEMP.	1	2	3	AVG.	1	2	3	1	2	3	

HEAT NUMBER	CHEMICAL ANALYSIS													McQUAID GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	N	Al	
92H2631	.24	1.13	.005	.022	.005									
94H2651	.23	1.02	.006	.020	.006									



RIR  
S-11926



I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

E. B. SHELLY

CHIEF METALLURGIST

PER

BETHLEHEM STEEL CORPORATION  
 METALLURGICAL DEPARTMENT  
 REPORT OF TEST AND ANALYSIS

24 (Rev. 3-4-78)

SHIPMENT NO. SPARROWS 06001509	DATE SHIPPED 02/19/00	CAR OR VEHICLE NO.	PG 1 LAST
-----------------------------------	--------------------------	--------------------	-----------

SOLD TO  
 INTERSTATE STEEL SUPPLY CO  
 1800 E BYBERRY RD  
 PHILADELPHIA PA 19116

SHIP TO  
 INTERSTATE STEEL SUPPLY CO  
 1800 E BYBERRY RD  
 PHILADELPHIA PA 19116

BALDWIN ASSOCIATES  
 RECEIVED

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %	BEND
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH			IN.	%		
CO# 15414-B						GD# 003-7085B		8225/046631				
3090		ASTM A36-77A										
		401K7921	28	3/8	10	240	7140	49.0 43.0	70.8 70.0	8 8	27 29	OK OK
		402K5811	51	3/8	10	240	13005	48.2 38.0	69.5 74.0	8 8	29 30	OK OK

INTERSTATE STEEL SUPPLY CO.  
 Test Reports for:  
*Baldwin Assoc*

BEND TEST A6514

Your Order # C27100/52480  
 Requisition #  
 Our Invoice # 21829

DRG  
 REFERENCE COPY

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD. BHN	CHARPY IMPACT				DUCTILITY (%)			LAT. EXP. (MRS.)				
					TYPE	SIZE	DIR.	TEST TEMP.	ENERGY (FT. LBS.)				1 2 3			

HEAT NUMBER	CHEMICAL ANALYSIS													McQUAD GRAB SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	N	Al	
01K7921	.21	1.04	.010	.014	.020									
02K5811	.21	1.08	.014	.022	.030									

BALDWIN ASSOCIATES  
 43  
 QC ACCEPT

RIR  
 S-11926

BALDWIN ASSOCIATES  
 43  
 QC ACCEPT

SA FINAL REVIEW OK

I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

E.B. SHELLY  
 CHIEF METALLURGIST

0330

BETHLEHEM STEEL CORPORATION  
METALLURGICAL DEPARTMENT  
REPORT OF TEST AND ANALYSIS

SHIPMENT NO. SPARROWS PT. 060@1526	DATE SHIPPED 02/19/80	CAR OR VEHICLE NO.	PG 1 LAST
---------------------------------------	--------------------------	--------------------	-----------

SOLD TO  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

SHIP TO  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY					YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %	BEND
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT			IN.	%		
00# 15414-B						GD# 003-7885		8225	0	47	35		
3090		ASTM A36-77A											
		401K7921	12	1/4	10	240	2040	49.0	70.8	8	27	OK	
								43.0	70.0	8	29	OK	
		402K5811	106	1/4	10	240	18020	48.2	69.5	8	29	OK	
		402K5811						38.0	74.0	8	30	OK	

INTERSTATE STEEL SUPPLY CO.  
Test Reports for:

BEND TEST A6514

*Baldwin Assoc*  
Your Order # C27100/52480  
Requisition #  
Our Invoice # 21824

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	MARD SHN	TYPE	SIZE	DIR.	TEST TEMP.	ENERGY (FT. LBS.)				DUCTILITY (%)			LAT. EXP. (MILS.)		
									1	2	3	AVG.	1	2	3	1	2	3

DRG  
REFERENCE COPY

HEAT NUMBER	CHEMICAL ANALYSIS													McQUARD GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	N	Al	
01K7921	.21	1.04	.010	.014	.020									
02K5811	.21	1.08	.014	.022	.030									

RIR  
S-11926



I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

E. B. SHELLY  
CHIEF METALLURGIST



# BALDWIN ASSOCIATES

(IN CLINTON)

FRUIN-COLNON CORPORATION      KELSO-BURNETT CO., INC.  
 McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.      POWER SYSTEMS, INC.  
 P.O. BOX 306      CLINTON, ILLINOIS 61727  
 PHONE 217 - 937-1111

No. C 28584  
 PURCHASE ORDER

Plan IV - Safety Related

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE

VENDOR  <b>Interstate Steel Supply Co. 1800 East Byberry Road Philadelphia, Pa. 19116</b>	ROUTING			SHIP TO:  <b>Clinton, Illinois</b>
	TITLE	APPR.	DATE	
	DEPT. MGR.			
	PROJ. ENG.			
	Q. A. MGR.			
Attn: Bill Sarle YOUR REFERENCE:				AREA      FOREMAN <b>Cil Fernandez</b>

DATE <b>1-15-81</b>	TERMS <b>1/2X-10-30</b>	CHARGE TO <b>1026A/3497232E</b>	REQUISITION NO. <b>90155</b>	SHIP VIA <b>Trk. Prepaid</b>	F O B <b>Destination</b>
------------------------	----------------------------	------------------------------------	---------------------------------	---------------------------------	-----------------------------

SEND FOUR COPIES OF ALL INVOICES TO: <b>P. O. Box 306 Clinton, Illinois 61727</b>	<input type="checkbox"/> FOR RESALE <input checked="" type="checkbox"/> TAXABLE	DELIVERY REQUIRED <b>2-10-81 or B-4</b>
--	--	--

QUANTITY	DESCRIPTION
	Deliver the following in accordance with the purchase order terms and conditions Form No. _____:
100 pcst	ea. 3/4" x 12" x 12" Plates
100 pcst	ea 1/2" x 15" x 15" Plates
100 pcst	ea 1/2" x 9" x 9" Plates
100 pcst	ea 3/8" x 10" x 10" Plates
100 pcst	ea 3/8" x 6" x 8" Plates
100 ft.+	/ft TS 6 x 2 x 3/8" structural tubing
	All material is to be ASTM A-36 except structural tubing & that will be ASTM A 500 Grade B
	Certified Material Test Reports Required that include the actual results of all chemical analysis & Mech. test
	All certificates of compliance, test reports, inspection reports, NDE records or other material certifications which are required by our Purchase Orders must be received before invoices will be processed for payment.
	CONFIRMING DO NOT DUPLICATE
	ONE (1) Copy to accompany shipment ONE (1) Copy to be mailed
	All Documentation which is to be mailed, should be addressed to:  Baldwin Associates P. O. Box 306 Clinton, Il. 61727 Attn: Manager of Quality Control

BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

EL

# REQUISITION

## BALDWIN ASSOCIATES

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

NO. ELEC- 90155 \$

PURCHASE ORDER NO. ~~828584~~  
C28584

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input checked="" type="checkbox"/> PURCHASE FROM:		NON SAFETY <input type="checkbox"/>		SAFETY RELATED <input checked="" type="checkbox"/>	
VENDOR <b>INTERSTATE STEEL SUPPLY CO.</b>				DATE <b>1-14-81</b>	PLAN NO. <b>4</b>	PROJECT ENGINEER <b>SEE REQ 90073</b>	
STREET <b>1800 EAST BYBERRY ROAD</b>				JOB REFERENCE <b>1026 A</b>		QA MANAGER <b>DITTO</b>	
CITY & STATE <b>PHILADELPHIA, PA. 19116</b>				CHARGE TO SUB-ACCOUNT NO. <b>3497232-E</b>		COST ENGINEER <b>DITTO</b>	
ATTENTION <b>BILL SARLE</b>				SHIP TO: <b>C.P.S.</b>		SPECIAL INSTRUCTIONS: <b>K-2955</b> <b>K-2949</b>	
<input checked="" type="checkbox"/> CONFIRMING		<input type="checkbox"/> NOT CONFIRMING					

REQUIRED DELIVERY DATE <b>2-10-81 OR B-4</b>	DELIVER TO AREA <del>ELECTRICIANS</del> <b>ELECTRICIANS</b>	<input type="checkbox"/> FOR RESALE	SHIP VIA	<input checked="" type="checkbox"/> TRUCK-PREPAID	<input type="checkbox"/> RAIL-PREPAID
		<input checked="" type="checkbox"/> TAXABLE	FOB	<input type="checkbox"/> FACTORY	<input checked="" type="checkbox"/> DESTINATION

QUANTITY	PART OR CAT. NO.	DESCRIPTION
	<b>N/A P.O.</b>	<b>FROM REQ 90073-C28583</b>
<b>300 PBT</b>		<b>3/4" X 12" X 12" PLATES</b>
<b>300 ASI</b>		<b>1/2" X 15" X 15" PLATES</b>
<b>300 AST</b>		<b>1/2" X 9" X 9" PLATES</b>
<b>300 ASI</b>		<b>3/8" X 10" X 10" PLATES</b>
<b>500 AST</b>		<b>3/8" X 6" X 8" PLATES</b>
<b>200 FT I</b>		<b>TS 6 X 2 X 3/8" STRUCTURAL TUBING</b>
		<b>TOTAL</b>
<p style="text-align: center;">ALL MATERIAL IS TO BE ASTM A-36 EXCEPT STRUCTURAL TUBING + THAT WILL BE ASTM A500 GRADE B.</p> <p style="text-align: center;">CERTIFIED MATERIAL TEST REPORTS REQUIRED THAT INCLUDE THE ACTUAL RESULTS OF ALL CHEMICAL ANALYSIS + MECH. TEST.</p> <p style="text-align: center;">FINAL ITEM.</p> <p><b>CONF 1-14-81</b> <b>(M)</b></p> <p><b>SHIP 2-6-81 N.B.4</b></p>		
		<b>TERMS: 1/2 9010, MET 30</b>

REQUISITIONED BY <b>GIL FERNANDEZ</b>	DEPT. MGR. APPR. <b>SEE</b>	APPROVED BY <b>REQ 90073</b>
CRAFT:		PROJECT MANAGER <b>DITTO</b>
		ILLINOIS POWER CO. <b>DITTO</b>

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

QUALITY CONTROL  
RECEIVING INSPECTION REPORT

**POSTED**

RIR No. 5-12949

DATE 2-24-81

SHEET 11 OF 1

C.P.S. UNIT: 0

SAFETY     NON-SAFETY

SPEC/REV/ADD: K2999 K-2949

REFERENCE DOCUMENTS:

DOCUMENTATION  
 CONFORMS     NO DOCUM. REQ.

DISPOSITION LEGEND:  
A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED  
NCR NO. \_\_\_\_\_

VENDOR: INTERSTATE STEEL

BAP 2.3

TAG TYPE \_\_\_\_\_

PO NO: C-28584

R1-28584

TAG NO. \_\_\_\_\_

ARRIVAL DATE: 2-23-81

ISSUED \_\_\_\_\_

CLEARED \_\_\_\_\_

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM DISPOSITION BY	DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL					
10 EA	N/A	N/A	Tube 6" x 2 3/8" x 20'	A-500	036403					2-27-81	ELL
300 EA	↓	↓	PL. 1/2" x 15" x 15"	A-36	81177-21					↓	↓
DRG REFERENCE COPY											
TRANSMITTAL # <u>B1-1065</u>											
<b>BALDWIN ASSOCIATES RECEIVED</b> <b>MAR 03 1981</b> <b>DOCUMENT RECORD CENTER</b> <b>M. MASON</b>											

INSPECTED BY: Sonny Sulzer

DATE 2-27-81

COMMENTS: Doc accepted per V D 2012 R BAEKER

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.): Ray S. Hoke

DATE 2/28/81

PHOENIX STEEL CORPORATION  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

SC

SPECIFICATION ASTM A-36 w/3-14 Suppl. incl. Bend Test

October 23, 1980 B. L. NO. \_\_\_\_\_

Structural Steel

CUSTOMER ORDER NO. 19884-B

SOLD TO Interstate Steel Supply Co.  
1800 East Byberry Road  
Phila., PA 19116

MIL. ORDER NO. 10924-21

CAR NO. TRUCK

BEND TEST OK	HOMOGENITY TEST
-----------------	-----------------

HEAT NO.	SLAB NO.	CHEMICAL ANALYSIS											YIELD STRENGTH P.S.I.	TENSILE STRENGTH P.S.I.	% ELONG.		SIZE
		C	MN	P	S	SI.	CU.	NI.	CR.	MO.	2"	8"					
81177-21		.11	.40	.009	.022								40100	66300	26.2		6 - 1/2"x96x240"

INTERSTATE STEEL SUPPLY CO.  
 Test Reports for  
 Baldwin Associates

Your Order # C28584  
 Acquisition #  
 Our Invoice # 26336

SUBSCRIBED AND SWORN TO BEFORE ME

THIS \_\_\_\_\_ DAY OF \_\_\_\_\_  
 \_\_\_\_\_  
 NOTARY PUBLIC

I CERTIFY THE ABOVE FIGURES ARE CORRECT AS  
 CONTAINED IN THE RECORDS OF THE CORPORATION.

*J. J. Clark*  
 \_\_\_\_\_  
 SUPR. OF TESTING, METALLURGICAL DEPT.

# DRG REFERENCE COPY

S-O -AII.1(A)

RI-1608

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

## QUALITY CONTROL RECEIVING INSPECTION REPORT

RIR No. 5-13084

DATE 3-9-81

C.P.S. UNIT: 1

SAFETY     NON-SAFETY

SHEET 1 OF 1

SPEC/REV/ADDN: K-299/K-299 NID 9

REFERENCE DOCUMENTS:

DOCUMENTATION

CONFORMS     NO DOCUM. REQ.

DISPOSITION LEGEND:

A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED

VENDOR: INTERSTATE STEEL

BAP 2.3

TAG TYPE \_\_\_\_\_

PG NO: C-85584

RI 25504

TAG NO. \_\_\_\_\_

ARRIVAL DATE: 3-9-81

BAP 1.5

ISSUED \_\_\_\_\_

CLEARED \_\_\_\_\_

NCR NO. \_\_\_\_\_

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM DISPOSITION BY	DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL					
170 EA	N/A	N/A	3/4" X 12" X 1' STEEL PLATES	411051		A				3-16-81	ELL 1
50 EA			↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	4120791							
512			1/2" X 9" X 9"	4310451							
300			3/8" X 10" X 10"	434913							
508			3/8" X 6" X 8"	42215391							
			ALL STEEL A-36	12399							

RIR 513084

INSPECTED BY: John Willey

DATE 3-16-81

COMMENTS: CLASS II SERVICE - DOC. ACCEPTED PER SP-3079

Distribution Original-Records  
Yellow & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.): Gregory S. Holt

DATE 3/16/81

REPORT OF TEST AND ANALYSIS

SPARROWS FT.	06086200	02/18/81	PG 1 CONT
--------------	----------	----------	-----------

SOLD TO  
 INTERSTATE STEEL SUPPLY CO  
 1800 E BYBERRY RD  
 PHILADELPHIA PA 19116

SHIP TO  
 INTERSTATE STEEL SUPPLY CO  
 1800 E BYBERRY RD  
 PHILADELPHIA PA 19116

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD STRENGTH (ksi)	TENSILE STRENGTH (ksi)	ELONG. IN. 2"	RED. %	BEND
			NO. PCL.	THICKNESS	WIDTH OR DIA.	LENGTH					
CO# 20947-K											
3090	ASTM	A36-77A				GD# 003-1377		8225	6520	20	
		402N5221	5	3/4	12	240	3065	46.4	69.6	8 29	OK
		411L0351	6	3/4	12	240	3678	43.6	67.8	8 27	OK
		412L0791	6	3/4	12	240	3678	41.1	68.8	8 31	OK
								45.0	71.0	8 31	OK
								47.8	72.2	8 23	OK
								42.7	71.6	8 27	OK

INTERSTATE STEEL SUPPLY CO.  
 Test Reports for

BEND TEST A6514

*Baldwin Associates*  
 Your # C28584  
 Req #  
 Our Invoice # 2634/



DRG COPY  
 REFERENCE COPY

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD SPH	CHARPY IMPACT															
					TEMP.	ENERGY FT. LBS.			DUCTILITY (%)		LAT. EXP. (INCHES)									

HEAT NUMBER	CHEMICAL ANALYSIS														HIGH CARBON SIZE
	C	Mn	P	S	Si	Ca	Ni	Cr	Mo	V	Cb	N	Al		
402N5221	.21	1.02	.009	.020	.020										
411L0351	.20	1.08	.009	.016	.040										
412L0791	.20	1.15	.012	.019	.020										

S-13084

I certify that the above results are a true and correct copy of records prepared and maintained by Baldwin in compliance with the requirements of the specification cited above.

10339

E. B. SHELLY  
 Chief Metallurgist

REPORT OF TEST AND ANALYSIS

SPARROWS PT. 06086200 02/18/81 PG 2 LAST

SOLD TO INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

SHIP TO INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

NO.	SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				WEIGHT	YIELD STRENGTH	TENSILE STRENGTH	BLOWING	REMARKS	
				NO. Pcs.	THICKNESS	WIDTH OR DIA.	LENGTH						
	CO# 20947-B						GD# 003-1377		8225	052020			
	3090		ACTM A36-77A										
31			422L2621	5	3/4	12	240	3065	39.5 40.0	68.0 68.0	2 2	36 30	OK OK
31			431L04B1	10	3/4	12	240	6130	43.2 40.0	70.4 70.0	8 2	27 30	OK OK

INTERSTATE STEEL SUPPLY CO.  
Test Report for  
*Baldwin Associate*

BEND TEST A6514  
Your Order # 02554  
Requisition #  
Our Invoice # 2634



DRG REFERENCE COPY

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HAZD	TYPE	SIZE	DBL.	TEST TEMP.	CHARPY IMPACT					DUCTILITY (%)			TAT. EXP. BALL.		
									ENERGY (FT. LBS.)			AVG.	1 2 3			1 2 3			

HEAT NUMBER	CHEMICAL ANALYSIS															MAGN. BEAN SIZE			
	C	Mn	P	S	Si	Cr	Ni	Co	Mo	V	Cu	N	Al						
422L2621	.23	1.06	.013	.017	.030														
431L04B1	.21	1.11	.011	.019	.040														

S-13084  
R12  
S-13084

I certify that the above results are a true and correct copy of records prepared and maintained by Baldwin in compliance with the requirements of the specification cited above.

810339 E. B. SHELLY  
CHIEF METALLURGIST



R.O. DATE: \_\_\_\_\_ PURCHASE ORDER NO.: \_\_\_\_\_  
 SHIPPER'S NO.: T01324 MILL ORDER NO.: \_\_\_\_\_ INVOICE NO.: \_\_\_\_\_  
 VEHICLE IDENTITY: TRUCK

WE HEREBY CERTIFY THAT THE CHEMICAL ANALYSES AND THE TEST RESULTS SHOWN IN THIS REPORT ARE CORRECT AS ENTERED IN THE RECORDS OF OUR COMPANY.

CLAIRTON STEEL WORKS  
 INTERSTATE STEEL SUPPLY CO.  
 PHILADELPHIA PA.

SAME

SIGNATURE: ALBERT J RAGAN  
 CHIEF MET.  
 DATE: MARCH 10th 1980

RIR S-18084

ASTM A36-77A TENS TEST S-14  
 HILL



S-13084

PURCHASE ORDER NO.	MILL ORDER NO.	ITEM NO.	MATERIAL DESCRIPTION		HEAT NO.	TEST OR PIECE IDENTITY	YIELD ST. PSI	TENSILE STH. PSI		ELONGATION %		RED. OF AREA
			THICKNESS OR SECTION	WIDTH, DIA. OR FT. WT.				IN 8"	IN 2"			
15415-B 1/22/80	KA 18055	01	1/2 X 9	4	A84913	.375"PLT	40400	64500	24			OK OK OK OK
					"	"	40100	65000	24			
					"	.500"PLT						
		02	3/8 X 9	B12767	.375"PLT	39700	63000	23				
				"	"							
				B12767	.750"PLT	40300	62500	26				

SAME AS B12767 ABOVE  
 INTERSTATE STEEL SUPPLY CO.  
 Test Reports for  
*Salvatore*  
 Your Order # 228584  
 Requisition #  
 Our Invoice # 26341

PL	TYPE	C	MN	P	S	SI	CU	NI	CR	MO
A84913		24	44	011	021					
B12767		22	45	010	015					

DECIMAL POSITIONS FOR ELEMENTS ARE INDICATED BY THE LEFT MARGIN, VERTICAL DOTTED LINE OR DECIMAL POINT

DRG REFERENCE COPY



REPORT OF TEST AND ANALYSIS

FORM 10-3-47

PLANT: SPAN... DEPARTMENT NO.: 660K268 DATE SHIPPED: 11.19.50 CAP OF VEHICLE NO.

SOLD TO: INTERSTATE STEEL SUPPLY CO  
800 E BYBERRY RD  
PHILADELPHIA PA 19116

SHIP TO: INTERSTATE STEEL SUPPLY CO  
1000 E BYBERRY RD  
PHILADELPHIA PA 19116

ITEM	SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD STRENGTH (KI)	TENSILE STRENGTH (KI)	ELONG. IN. %	RED. IN. %	SPR.
				NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH					
	CD# 20339-B		3090 A TH A36-77A				GD# 003-0856A		8225/831561			
			422L5399	79	3/8	10	240	2045	42.2 37.5	70.2 70.6	23 24	01 01



INTERSTATE STEEL SUPPLY CO

LEAD TEST A6214

*Baldwin Assoc.*  
Your Order # C28584  
Requisition # 2634  
Copy Invoice to COPY INVOICE

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	TYPE	SIZE	DIN.	TEST TEMP.	ENERGY (FT. LBS)				DUCTILITY (%)			LAT. RED. (INCH)		
									1	2	3	AVG.	1	2	3	1	2	3

HEAT NUMBER	CHEMICAL ANALYSIS															MICRO-CLEAN SIZE		
	C	Mn	P	S	Si	Cr	Ni	Co	Mo	V	Cu	N	Al					
422L5391	.21	1.05	.005	.014	.046													

MIR  
S-13084  
S-13084

I certify that the above results are a true and correct copy of records prepared and maintained by Baldwin in compliance with the requirements of the specification cited above.

E. P. CHILLY

110339

DRG  
REFERENCE COPY



**CONNORS STEEL COMPANY**  
 POST OFFICE BOX 977/BIRMINGHAM, ALABAMA 35201

CERTIFIED MILL TEST REPORT

*INDEPENDENT STEEL SUPPLY CO*  
 1800 EAST BYBERLY ROAD  
 PHILADELPHIA, PA 19116



S-13084

8-13084

BIRMINGHAM, ALABAMA *DEC 19 10 50*  
 RIM

DRG REFERENCE COPY

ITEM NO LOT NO.	SIZE	SPECIFICATION	CUSTOMER ORDER NO.	OUR ORDER NO.	YIELD POUNDS PER SQ. INCH	TENSILE STRENGTH LB. PER SQ. INCH	ELONGATION IN 5 INCHES	REDUCED SECTION INCHES	REMARKS	CHEMICAL ANALYSIS					
										C	MN	P	S	P	
12048	6 X 1" S.E. FLATS	A57m-136-77	202578	811686	46700	7400	36.0	0.1	0.18	0.67	0.033	0.050			
22311	3 X 2 X 1/4" ANGLES	"	204898	812121	52200	79500	30.0	0.1	0.20	0.87	0.026	0.023			
14445	"	"	"	"	50900	73800	31.0	0.1	0.16	0.60	0.030	0.032			
12397	6 X 3/8" S.E. FLATS	"	205985	812190	44700	69000	34.9	0.1	0.18	0.54	0.021	0.022			
23539	8 X 3/8"	"	205798	812203	53500	75600	37.0	0.1	0.18	0.56	0.025	0.025			
22565	5 1/2 X 1"	"	206965	812519	46800	69500	35.0	0.1	0.26	0.92	0.031	0.038			

THIS IS TO CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF  
 CERTIFIED REPORT OF THE ABOVE

DAY

SHOW TO AND SUBSCRIBED TO BEFORE ME THIS

*Robert Valle*

NOTARY PUBLIC

OF

0

0

0

0

0

0

0

# BALDWIN ASSOCIATES

(IN CLINTON)

No. C 28742

PURCHASE ORDER

FRUIN-COLNON CORPORATION      KELSO-BURNETT CO., INC.  
 McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.      POWER SYSTEMS, INC.  
 P.O. BOX 306      CLINTON, ILLINOIS 61727  
 PHONE 217 - 937-1111

Plan IV- Safety Related

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE.

VENDOR		ROUTING			SHIP TO:	
Interstate Steel Supply Co. 1800 East Byberry Road Philadelphia, PA. 19116 Bill Sarle		TITLE	APPR.	DATE	Clinton, Ill.	
		DEPT. MGR.				
		PROJ. ENG.				
		Q. A. MGR.				
		PROJ. MGR.				
YOUR REFERENCE:		PUR. MGR.			AREA	FOREMAN
DATE	TERMS	CHARGE TO	REQUISITION NO.	SHIP VIA	F O B	
1-26-81	1/2 10 Net 30	1026A-3497232E	90120	Truck- Prepaid	Destination	
SEND FOUR COPIES OF ALL INVOICES TO:		<input type="checkbox"/> FOR RESALE <input checked="" type="checkbox"/> TAXABLE		DELIVERY REQUIRED		
P.O. Box 306 Clinton, Ill. 61727				2-18-81		

QUANTITY	DESCRIPTION
Deliver the following in accordance with the purchase order terms and conditions	
Form No. _____	
<b>CONFIRMING-PLEASE SIGN AND RETURN ACCEPTANCE COPY IMMEDIATELY TO PURCHASER</b>	
1500ft+	/Cwt L3 1/2 X 2 1/2 X 3/8 Unequal leg angle , 10,800#
600ft+	/Cwt 5,880# L5 X 3 X 3/8 Unequal leg angle
200ft+	/Cwt 3,960# L5 X 3 1/2 X 3/4 " " "
200ft+	3,060# L6 X 3 1/2 X 1/2 " " "
1500ft+	22,500# W6 X 15 W Shape
1500ft+	36,000# W8 X 24 W shape
500ft+	9,375# C8 X 18.75 Standard channel
300pcst	ea 1,530# PL 3/8 X 6 X 8 Plate
300pcst	ea 7,140# PL 3/8 X 14 X 16 "
1000pcst	ea 9,070# PL 1/2 X 8 X 8 "
600pcst	ea 6,300# PL 1/2 X 8 X 9 Plate

Total est. weight 115,615 lbs.  
 All materials are to be ASTM A-36

Certified material test reports required that include the actual results of all chemical analysis and mechanical test.

All certificates of compliance, test reports, inspection reports, NDE records or other material certifications which are required by our P.O. must be received before invoices will be processed for payment.

ONE (1) copy to accompany shipment ONE (1) copy to be mailed

~~ALL DOCUMENTATION WHICH IS TO BE MAILED SHOULD BE ADDRESSED TO: Baldwin Associates~~

P.O. Box 306, Clinton, Ill. 61727, Attn: **BALDWIN ASSOCIATES**  
 Manager to Quality Control.

ACCEPTED

PER \_\_\_\_\_

AUTHORIZED SIGNATURE

PER \_\_\_\_\_

AUTHORIZED SIGNATURE

EL

# REQUISITION BALDWIN ASSOCIATES

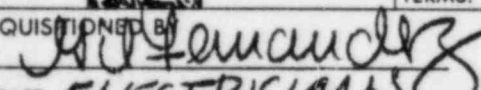
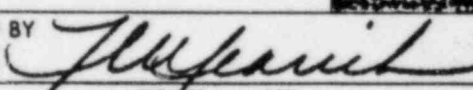
(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

NO. ELEC. 90120 \$

PURCHASE ORDER NO. C28742

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input checked="" type="checkbox"/> PURCHASE FROM:		NON SAFETY <input type="checkbox"/>		SAFETY RELATED <input checked="" type="checkbox"/>	
VENDOR <u>INTERSTATE STEEL SUPPLY CO.</u>		DATE <u>1-5-81</u>	PLAN NO. <u>IV</u>	PROJECT ENGINEER <u>US Stephen</u>		DATE <u>1-5-81</u>	
STREET <u>1800 EAST BYORRY ROAD</u>		JOB REFERENCE <u>1026A</u>		QA MANAGER <u>JD</u>		DATE <u>1-6-81</u>	
CITY & STATE <u>PHILADELPHIA, PA. 19116</u>		CHARGE TO SUB-ACCOUNT NO. <u>3497232E</u>		COST ENGINEER <u>KD</u>		DATE <u>1/6/81</u>	
ATTENTION <u>2 BILL SARLE</u>		SHIP TO: <u>C.P.S.</u>		SPECIAL INSTRUCTIONS: <u>K2999 + 2949 MATERIALS FOR ELECTRICIANS</u>			
<input checked="" type="checkbox"/> CONFIRMING		<input type="checkbox"/> NOT CONFIRMING					
REQUIRED DELIVERY DATE <u>2-18-81</u>	DELIVER TO AREA <u>PROJECT ELECTRICIANS</u>	<input type="checkbox"/> FOR RESALE <input checked="" type="checkbox"/> TAXABLE		SHIP VIA <input checked="" type="checkbox"/> TRUCK-PREPAID	<input type="checkbox"/> RAIL-PREPAID		
				FOB <input type="checkbox"/> FACTORY	<input checked="" type="checkbox"/> DESTINATION		

QUANTITY	PART OR CAT. NO.	DESCRIPTION
1500 FT	10,800 #	L 3 1/2 x 2 1/2 x 3/8 UNEQUAL LEG ANGLE
600 FT	5,880 #	L 5 x 3 x 3/8 UNEQUAL LEG ANGLE
200 FT	3,960 #	L 5 x 3 1/2 x 3/4 UNEQUAL LEG ANGLE
200 FT	3,060 #	L 6 x 3 1/2 x 1/2 UNEQUAL LEG ANGLE
1500 FT	22,500 #	W 6 X 15 W SHAPE
1500 FT	36,000 #	W 8 X 24 W SHAPE
500 FT	9,375 #	C 8 X 18.75 STANDARD CHANNEL
300 PCS	1,530 #	PL 3/8 X 6 X 8 PLATE
300 PCS	7,140 #	PL 3/8 X 14 X 16 PLATE
1000 PCS	9,070 #	PL 1/2 X 8 X 8 PLATE
600 PCS	6,300 #	PL 1/2 X 8 X 9 PLATE
TOTAL EST. WEIGHT 115,615 LBS.		TOTAL
ALL MATERIALS ARE TO BE ASTM-A 36. CERTIFIED MATERIAL TEST REPORTS REQUIRED THAT INCLUDE THE ACTUAL RESULTS OF ALL CHEMICAL ANALYSIS AND MECHANICAL TEST.		
N/A P.O. TO BE USED FOR ELECTRICAL ↓ CONDUIT SUPPORT. <u>conduit 23-81 (PE)</u> <u>shipping 2-13-81</u>		
N/A P.O. OK PER GIL E. 5/8" TO 3/4" (PE) <u>u.B.4</u>		
TERMS: <u>1/2 9010, NET 30</u>		

REQUISITIONED BY  CRAFT: <u>ELECTRICIANS</u>	APPROVED BY  PROJECT MANAGER <u>John M. J. J.</u> 1-8-81 ILLINOIS POWER CO.
---	--

FORM JV-4 (5-78)

DISTRIBUTION: ORIGINAL - PURCHASING    GREEN - EXPEDITING    CANARY - APPROVER  
 WHITE - INVITE TO BID    BLUE - ORIGINATOR    WHITE - Q.A.  
 PINK - WAREHOUSE

WAREHOUSE

5  
1-9

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

QUALITY CONTROL  
RECEIVING INSPECTION REPORT

RIR No. S-12947  
DATE 2-24-81  
SHEET 1 OF 1

C.P.S. UNIT: 0

SAFETY  NON-SAFETY

**POSTED**

SPEC/REV/ADD: <sup>Am 9</sup> K-2949 K-2999  
VENDOR: INTERSTATE STEEL  
PO NO: C-28742  
ARRIVAL DATE: 2-23-81

REFERENCE DOCUMENTS:  
BAP 2.3  
RI-28742

DOCUMENTATION  
 CONFORMS  NO DOCUM. REQ.  
TAG TYPE \_\_\_\_\_  
TAG NO. \_\_\_\_\_  
ISSUED \_\_\_\_\_  
CLEARED \_\_\_\_\_

DISPOSITION LEGEND:  
A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED  
NCR NO. \_\_\_\_\_

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM. DISPOSITION BY	DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL					
300 E9	N/A	N/A	PL 3/8" x 14" x 16"	496K1721		A				3-2-81	ELL
9 E9			ANG 3 1/2" x 2 1/2" x 3/4" x 40"	173J127							
994 EA			1/2 x 8 x 0'8" FLANGE PLATES	23535							
200 E9			1/2 x 8 x 0'8" FLANGE PLATES	23535							

DRG  
REFERENCE COPY

TRANSMITTAL # RI-1066

BALDWIN ASSOCIATES  
RECEIVED

MAR 06 1981

DOCUMENT RECORD CENTER  
M. MASON

INSPECTED BY: Sony Sulux DATE 3-2-81

COMMENTS: Doc accepted per V D # 2010 R. DEER

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.): Candy S. Hoff DATE 3/2/81

REVIEWED  
DATE 3/2/81  
PAGE 50

**REPORT OF TEST AND ANALYSIS**

SPARROWS PT.	SHIPMENT NO. 409- 05747	DATE SHIPPED 03/25/80	CAR OR VEHICLE NO. MNTC MCNICHOLAS TRANS	PG 2 LAST
--------------	----------------------------	--------------------------	---	-----------

SOLD TO  
**INTERSTATE STEEL SUPPLY CO**  
 1800 E BYBERRY RD  
 PHILADELPHIA PA 19116

SHIP TO  
**INTERSTATE STEEL SUPPLY CO**  
 1800 E BYBERRY RD  
 PHILADELPHIA PA 19116

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %	BEND
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH			WT.	IN.		
CO# 15582-B					160@3633	GD# 003-8092M		8225/265	64			
3090		ASTM A36-77A										
		496K1721	4	3/8	96	240	9800	60.0 40.8	72.8 66.4	22 25		OK OK



INTERSTATE STEEL SUPPLY CO.  
 Test Reports for:  
 Baldwin Assoc

BEND TEST A6514

Your Order # C28742  
 Requisition #  
 Our Invoice # 26598

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	CHARPY IMPACT																		
					TYPE	SIZE	DIR.	TEST TEMP.	ENERGY (FT. LBS.)				DUCTILITY (%)			LAT. EXP. (MILS.)							
									1	2	3	AVG.	1	2	3	1	2	3					

SERIAL NUMBER	CHEMICAL ANALYSIS														McQUAD GRAIN SIZE							
	C	Mn	P	S	Si	Cu	NI	Cr	Mo	V	Cb	N	Al									
496K1721	.21	.97	.005	.027	.010																	
DRG REFERENCE COPY																						
S - 12947																						

I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

**E. B. SHELLY**  
 CHIEF METALLURGIST  
 BA  
 3/19/80  
 PAGE 35



**CONNORS STEEL COMPANY**  
 POST OFFICE BOX 877/BIRMINGHAM, ALABAMA 35201

CERTIFIED MILL TEST REPORT

BIRMINGHAM, ALABAMA NOV 24 1980

INTERSTATE STEEL SUPPLY CO  
1800 EAST BYBERRY ROAD  
PHILADELPHIA, PA 19116

HEAT NO LOT NO.	SIZE	SPECIFICATIONS	CUSTOMER ORDER NO.	OUR ORDER NO.	YIELD POINT LBS. PER SQ. INCH	TENSILE STRENGTH LBS. PER SQ. INCH	PERCENT ELONG. INCHES	BEND	CHEMICAL ANALYSIS					
									C	MN	P	S		
20595	3X3X1/2" ANGLES	ASTM-A36-77a	195773	810850	47900	69200	30.2	OK	.21	.61	.016	.031		
20525	"	"	"	"	47700	74500	32.9	OK	.22	.56	.013	.023		
23535	8X1/2" S.E. FLATS	"	200798	811379	45100	66800	37.8	OK	.16	.57	.029	.033		
23535	"	"	201238	811431	45100	66800	37.8	OK	.16	.57	.029	.033		
23532	8X3/4"	"	201668	811484	43500	66300	35.9	OK	.14	.51	.025	.019		
23502	7X1/2"	"	203428	811911	47100	74600	34.2	OK	.18	.78	.027	.026		
23532	8X3/4"	"	"	"	48500	66300	35.9	OK	.14	.51	.025	.019		
12158	3X2 1/2 X 5/16 ANGLES	"	204108	812010	48400	74400	35.0	OK	.17	.57	.029	.028		
12202	3X3X1/4"	"	204848	812121	52600	74800	34.4	OK	.17	.53	.027	.030		
10524	5X3/4" S.E. FLATS	"	205988	812190	44500	70000	33.2	OK	.14	.73	.026	.025		
INTERSTATE STEEL SUPPLY CO.									Test Reports from					
R I A									Your Order # <u>28772</u>					
DRG									Requisition #					
REFERENCE COPY									Our Invoice # <u>26650</u>					

THIS IS TO CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF  
 CERTIFIED REPORT OF THE ABOVE.

DAY \_\_\_\_\_  
 SIGNATURE: *Charles D. ...*  
 METALLURGIST

SWORN TO AND SUBSCRIBED TO BEFORE ME THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 19\_\_\_\_  
 OF \_\_\_\_\_ QUALITY PRESS



BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

QUALITY CONTROL  
RECEIVING INSPECTION REPORT **POSTED**

RIR No. 5-13085

DATE 3<sup>rd</sup> 3-9-81

C.P.S. UNIT: 1

SAFETY     NON-SAFETY

SHEET 1 OF 1

SPEC/REV/ADDN: K-2949 AND K-2949

REFERENCE DOCUMENTS:

DOCUMENTATION  
 CONFORMS     NO DOCUM. REQ.

DISPOSITION LEGEND:

VENDOR: INTERSTATE STEEL

BAP 2.3

TAG TYPE \_\_\_\_\_

A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED

PO NO: C-28742

RI 28742

TAG NO. \_\_\_\_\_

ARRIVAL DATE: 3-9-81

BAP 1.5

ISSUED \_\_\_\_\_  
CLEARED \_\_\_\_\_

NCR NO. \_\_\_\_\_

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM DATE DISPOSITION BY	FINAL DATE DISPOSITION BY	INSPECTION LOCATION
					PRELIM	FINAL			
<u>300 pcs</u>	<u>N/A</u>	<u>N/A</u>	<u>3/8" X 6" X 8" STEEL PLATE, A-36</u>	<u>12788</u>		<u>A</u>		<u>3-16-81</u>	<u>ELL #1</u>

BALDWIN ASSOCIATES  
RECEIVED

MAR 19 1981

TRANSMITTAL # RI-1076

DOCUMENT RECORD CENTER  
G. M. TOWNSEND

DRG

REFERENCE COPY

INSPECTED BY: John Shelly

DATE 3-16-81

COMMENTS: CLASS II SECTION K3  
DOC ACCEPTED PER VD# 2075 2074 JS

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.): Randy S. Hoff

DATE 3/16/81

Handwritten signature and initials in the bottom right corner.




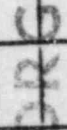


**CONNORS STEEL COMPANY**  
 POST OFFICE BOX 877/BIRMINGHAM, ALABAMA 35201

CERTIFIED MILL TEST REPORT

BIRMINGHAM, ALABAMA Feb 12 1921

*Interstate Steel Supply Co*  
*1100 East Byberry Road*  
*Philadelphia*  
*Pa 19116*

HEAT OR LOT NO.	SIZE	SPECIFICATIONS	CUSTOMER ORDER NO.	OUR ORDER NO.	YIELD POINT LBS. PER SQ. INCH	TENSILE STRENGTH LBS. PER SQ. INCH	PERCENT ELONG. 2 INCHES	BEND	CHEMICAL ANALYSIS					
									C	MIN	P	S	B	
12777	6 x 3 1/2 Flat	A574-A 36-77a	20396B	012065	49500	74700	22.7	OK	17	53	020	020	020	020
20947	6 x 1 1/4 Flat	"	"	"	49000	67200	29.0	OK	15	51	027	027	022	022
23830	4 x 4 x 3/8 Angle	"	20444W	012065	47900	71400	34.2	OK	17	47	020	020	024	024
12677	"	"	"	"	47400	71400	31.1	OK	17	56	029	029	020	020
23825	"	"	"	"	50500	74300	31.0	OK	17	47	036	036	025	025
12705	6 x 1 1/4 Flat	"	206950	012065	47700	67200	30.0	OK	16	60	028	028	021	021
12805	"	"	209770	012065	47700	67300	30.0	OK	16	60	027	027	021	021
														
INTERSTATE STEEL SUPPLY CO. Test Reports for Baldwin Associates									REFERENCE COPY					
Your Order # C28742 Requisition # Our Invoice # 26548									S-13085					

THIS IS TO CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF CERTIFIED REPORTS OF THE ABOVE

*Kalua*



METALLURGIST

DAY

WORTH TO AND SUBSCRIBED TO BEFORE ME THIS 19

BY

NOTARY PUBLIC

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

QUALITY CONTROL  
RECEIVING INSPECTION REPORT

**POSTED** RIR No. S-13457

DATE 4-13-81

C.P.S. UNIT: 0

SAFETY  NON-SAFETY

SHEET 1 OF 1

SPEC/REV/ADDN: K-2949<sup>A</sup> + K2999

REFERENCE DOCUMENTS:

DOCUMENTATION  
 CONFORMS  NO DOCUM. REQ.

DISPOSITION LEGEND:

VENDOR: Interstate Steel

BAP 2.3

TAG TYPE \_\_\_\_\_

A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED

PO NO: C-28742

R1-28742

TAG NO. \_\_\_\_\_

ARRIVAL DATE: 4-13-81

ISSUED \_\_\_\_\_

CLEARED \_\_\_\_\_

NCR NO. \_\_\_\_\_

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM DISPOSITION BY	DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL					
390Eq	N/A	N/A	PL 1/2" X 8" X 9" plate 136Gn	23535		A			SS	4-20-81	E11

DRG  
REFERENCE COPY

BALDWIN ASSOCIATES  
RECEIVED

APR 29 1981

DOCUMENT RECCDS CENTER  
JAN OHLEMYER *JO*

TRANSMITTAL # R1-1099

INSPECTED BY: Sony Sular

DATE 4-20-81

COMMENTS: \_\_\_\_\_

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.): *JO*

DATE 4/27/81





**CONNORS STEEL COMPANY**  
 POST OFFICE BOX 5777/BIRMINGHAM, ALABAMA 35201

CERTIFIED MILL TEST REPORT

BIRMINGHAM, ALABAMA

NOV 24 1980

INTERSTATE STEEL SUPPLY CO  
1800 EAST BYBERRY ROAD  
PHILADELPHIA, PA 19116

DRG  
REFERENCE COPY



HEAT OR LOT NO.	SIZE	SPECIFICATIONS	CUSTOMER ORDER NO.	OUR ORDER NO.	YIELD POINT LBS. PER SQ. INCH	TENSILE STRENGTH LBS. PER SQ. INCH	PERCENT ELONG. INCHES	BEND	CHEMICAL ANALYSIS					
									C	MN	P	S		
20595	3X3X1/2" ANGLES	ASTM-A36-77	195773	B10850	47900	69200	30.2	OK	.21	.61	.016	.031		
20525	"	"	"	"	47700	74500	32.9	OK	.22	.56	.013	.023		
23535	8X1/2" S.E. FLATS	"	20079B	B11379	45100	66800	37.8	OK	.16	.57	.029	.033		
23535	"	"	201238	B11431	45100	66800	37.8	OK	.16	.57	.029	.033		
23532	8X3/4"	"	201668	B11484	43500	66300	35.9	OK	.14	.51	.025	.019		
23502	7X1/2"	"	20342B	B11911	47100	74600	34.2	OK	.18	.78	.027	.026		
23532	8X3/4"	"	"	"	43500	66300	35.9	OK	.14	.51	.025	.019		
12158	3X2 1/2 X 5/16 ANGLES	"	20440B	B12010	48400	72400	35.0	OK	.17	.57	.029	.028		
12202	3X3X1/4"	"	20484B	B12121	52600	74800	34.4	OK	.17	.53	.027	.030		
10524	5X3/4" S.E. FLATS	"	20598B	B12190	44500	70000	33.2	OK	.14	.73	.026	.025		
<b>B I R</b> <b>S-13457</b>									<b>BALDWIN ASSOCIATES</b> <b>RECEIVED</b> <b>APR 29 1981</b> <b>DOCUMENT RECORDS CENTER</b>					
INTERSTATE STEEL SUPPLY CO. Test Reports for			Baldwin Associates Your Order # C28742 Requisition # Our Invoice # 26651											



JAN OHLEMYER

*[Signature]*

81-1049

TRANSMITTAL #

SWORN TO AND SUBSCRIBED TO BEFORE ME THIS

THIS IS TO CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF  
 CERTIFIED REPORTS OF THE ABOVE.



NOTARY PUBLIC

METALLURGIST

# BALDWIN ASSOCIATES

(IN CLINTON)

## No. C 29186

### PURCHASE ORDER

FRUIN-COLNON CORPORATION      KELSO-BURNETT CO., INC.  
 McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.      POWER SYSTEMS, INC.  
 P.O. BOX 306      CLINTON, ILLINOIS 61727  
 PHONE 217 - 937-1111

Plan 4 - Safety Related

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE

VENDOR		ROUTING			SHIP TO:	
Interstate Steel Supply 1800 E. Byberry Road Philadelphia, PA 19116 Attn: Bill Sarle		TITLE	APPR.	DATE	Clinton, IL  AREA FOREMAN <b>M. Fernandez</b>	
		DEPT. MGR.				
		PROJ. ENG.				
		Q.A. MGR.				
		PROJ. MGR.				
YOUR REFERENCE:		PUR. MGR.				
DATE	TERMS	CHARGE TO	REQUISITION NO.	SHIP VIA	F O B	
2-15-81	5X-10-Net 30	See Below	90241, 90247	Truck PP	Destination	
SEND FOUR COPIES OF ALL INVOICES TO:		P. O. Box 306 Clinton, IL 61727	<input type="checkbox"/> FOR RESALE <input checked="" type="checkbox"/> TAXABLE	DELIVERY REQUIRED 3-6-81		

QUANTITY	DESCRIPTION
Deliver the following in accordance with the purchase order terms and conditions Form No. _____:	
300pcst	ea 3/4" x 13" x 1'1" Plates
300pcst	ea 1" x 15" x 1'3" Plates
All Materials are ASTM-A36.	
Certified material test reports required that include the actual results of all chemical analysis and mechanical test.	
400pcst	ea 5/8 x 14" x 1'6" Plates
20 pcs	0ea 5/8 x 48" x 8'0" Plates
400pcst	ea 3/4 x 14" x 1'2" Plates
400 pcs	5ea 3/4 x 14" x 1'6" Plates
Items #1 & #2 - 1026A-3497232E Items #3-#6 - 1026A-3637212E	
Certified material test reports required that include the actual results of all chemical analysis and mechanical test.	
All certificates of compliance, test reports, inspection reports, NDE records or other material certifications which are required by our Purchase Orders must be received before invoices will be processed for payment.	
ONE (1) COPY TO ACCOMPANY SHIPMENT ONE (1) COPY TO BE MAILED.	
ALL DOCUMENTATION WHICH IS TO BE MAILED SHOULD BE ADDRESSED TO: BALDWIN ASSOCIATES, P. O. BOX 306, CLINTON, IL 61727 ATTN: MANAGER OF QUALITY CONTROL	

PLEASE SIGN AND RETURN ACCEPTANCE COPY IMMEDIATELY TO PURCHASING. BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_  
 PER \_\_\_\_\_ AUTHORIZED SIGNATURE  
 FORM BA-6

# REQUISITION BALDWIN ASSOCIATES

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

NO. ELEC- 90241 \$

PURCHASE ORDER NO. C29186

PAGE 1 OF 2

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input checked="" type="checkbox"/> PURCHASE FROM:		NON SAFETY <input type="checkbox"/>		SAFETY RELATED <input checked="" type="checkbox"/>	
VENDOR <b>INTERSTATE STEEL SUPPLY</b>				DATE <b>1-27-81</b>	PLAN NO. <b>IV</b>	PROJECT ENGINEER <b>D.P. Stephen</b>	DATE <b>1-27-81</b>
STREET <b>1800 E. BYBERRY ROAD</b>				JOB REFERENCE <b>1020A</b>		QA MANAGER <b>D</b>	DATE <b>1/28/81</b>
CITY & STATE <b>PHILADELPHIA, PA. 19116</b>				CHARGE TO SUB-ACCOUNT NO. <b>34972320</b>		COST ENGINEER <b>KD</b>	DATE <b>1/28/81</b>
ATTENTION <b>BILL SARLE 800-523-3340</b>				SHIP TO: <b>C.P.S.</b>		SPECIAL INSTRUCTIONS: <b>K-2499 MATERIALS FOR ELECTRICIANS</b>	
<input checked="" type="checkbox"/> CONFIRMING <input type="checkbox"/> NOT CONFIRMING							

REQUIRED DELIVERY DATE <b>COMPLETE 2-16-81</b>	DELIVER TO AREA <b>PROJECT ELECTRICIANS</b>	<input type="checkbox"/> FOR RESALE	SHIP VIA	<input checked="" type="checkbox"/> TRUCK-PREPAID	<input type="checkbox"/> RAIL-PREPAID
		<input checked="" type="checkbox"/> TAXABLE	FOB	<input type="checkbox"/> FACTORY	<input checked="" type="checkbox"/> DESTINATION

QUANTITY	PART OR CAT. NO.	DESCRIPTION
300R	1/2	PL 3/4" X 13" X 1-1 PLATES
300R	50/24	PL 1" X 15" X 1-3" PLATES
<p><b>ALL MATERIALS ARE ASTM-A36</b></p> <p><b>CERTIFIED MATERIAL TEST REPORTS REQUIRED THAT INCLUDE THE ACTUAL RESULTS OF ALL CHEMICAL ANALYSIS AND MECHANICAL TEST.</b></p> <p><b>M.A.P.O. TO BE USED FOR ELECTRICAL CONDUIT SUPPORT</b></p>		

REQUISITIONED BY <b>M. J. Manders</b> CRAFT: <b>ELECTRICIANS</b>	 DEPT. MGR. APPR.	APPROVED BY <b>J. M. [Signature]</b> PROJECT MANAGER  ILLINOIS POWER CO.
--	----------------------	--

# REQUISITION

## BALDWIN ASSOCIATES

NO. ELEC- 90247

PURCHASE ORDER NO. C29186

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

PAGE 2 OF 2

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input checked="" type="checkbox"/> PURCHASE FROM:		<input type="checkbox"/> NON SAFETY		<input checked="" type="checkbox"/> SAFETY RELATED	
VENDOR <b>INTERSTATE STEEL SUPPLY</b>				DATE <b>1-28-81</b>	PLAN NO. <b>IV</b>	PROJECT ENGINEER <i>P. Stephen</i>	DATE <b>1-28-81</b>
STREET				JOB REFERENCE <b>1026A</b>		QA MANAGER <i>P</i>	DATE <b>1/29/81</b>
CITY & STATE				CHARGE TO SUB-ACCOUNT NO. <b>3637212E</b>		POST ENGINEER <i>KD</i>	DATE <b>1/29/81</b>
ATTENTION				SHIP TO:		SPECIAL INSTRUCTIONS: <b>K-2999 MATERIALS FOR ELECTRICIANS</b>	
<input type="checkbox"/> CONFIRMING <input type="checkbox"/> NOT CONFIRMING							

REQUIRED DELIVERY DATE <b>2-15-81</b>	DELIVER TO AREA <b>PROJECT (ELECTRICIANS)</b>	<input type="checkbox"/> FOR RESALE	SHIP VIA	<input checked="" type="checkbox"/> TRUCK-PREPAID	<input type="checkbox"/> RAIL-PREPAID
		<input checked="" type="checkbox"/> TAXABLE	FOB	<input type="checkbox"/> FACTORY	<input checked="" type="checkbox"/> DESTINATION

QUANTITY	PART OR CAT. NO.	DESCRIPTION
400 PC	1/2"	# 5/8 X 14 X 1'-6" PLATES
20 PC	1/2"	# 5/8 X 48" X 8'-0" PLATES
400 PC	1/2"	# 3/4 X 14" X 1'-2" PLATES
400 PC	1/2"	# 3/4 X 14 X 1'-6" PLATES
		TOTAL
CERTIFIED MATERIAL TEST REPORTS REQUIRED THAT INCLUDE THE ACTUAL RESULTS OF ALL CHEMICAL ANALYSIS AND MECHANICAL TEST		
N/A P.O. TO BE USED FOR DV CONNECTIONS and SPECIAL DETAIL CONNECTIONS		
ALL MATERIALS ARE TO BE ASTM-A36		
TOTAL EST WEIGHT 100,000 LBS.		
copy 2-16-81 - (215)		
shipping - 1 TL 3/27, 1 TL 3/2 + SA 3/3		

REQUISITIONED BY <i>W. Hernandez</i>	APPROVED BY <i>[Signature]</i>
CRAFT: <b>ELECTRICIANS</b>	PROJECT MANAGER <i>[Signature]</i>
TERMS: <b>1/2 9/10, MET 30</b>	ILLINOIS POWER CO.

S-1

-All.1(A)

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

### QUALITY CONTROL RECEIVING INSPECTION REPORT

RIR No. \$-13167

DATE 3/17/81

SHEET 1 OF 1

C.P.S. UNIT: 1

SAFETY     NON-SAFETY

**POSTED**

SPEC/REV/ADDN: K-2999  
VENDOR: INTERSTATE STEEL  
PO NO: C-29168 <sup>29186</sup>  
ARRIVAL DATE: 3/17/81

REFERENCE DOCUMENTS:  
BAP 2.3. no 3/18/81  
B1-29168 2/186

DOCUMENTATION  
 CONFORMS     NO DOCUM. REQ.  
TAG TYPE \_\_\_\_\_  
TAG NO. \_\_\_\_\_  
ISSUED \_\_\_\_\_  
CLEARED \_\_\_\_\_

DISPOSITION LEGEND:  
A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED  
NCR NO. \_\_\_\_\_

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM DISPOSITION BY	DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL					
62 EA	N/A	N/A	PLATE 3/4" X 14" X 18" A36	S-17301		A					ELL
182				S-19547							
60				S-19569							
60				S-17301							
36				S-17765							
300			PLATE 1" X 15" X 15" A36	S-17871							

**DRG  
REFERENCE COPY**

BALDWIN ASSOCIATES  
RECEIVED

MAR 24 1981 CR

DOCUMENT RECORDS CENTER

TRANSMITTAL #

RI-1077

INSPECTED BY: [Signature]

DATE 3/18/81

COMMENTS: DOC ACCEPTED

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.): [Signature]

DATE 3/18/81

계약번호 KPPF313K  
 CONTRACT NO.:  
 주문번호 LCIC1EP04  
 ORDER NO.:  
 품명 P-1-E  
 COMMOITY :  
 고객명 가 AC-00  
 CUSTOMER :  
 제품규격  
 SPECIFICATION : ASTM A1E

# 검사 증명서 MILL TEST CERTIFICATE

포항종합제철주식회사  
 POHANG IRON & STEEL CO. LTD.  
 B DONGCHON-DONG POHANG CITY KYEONGSANG BUK DO KOREA  
 영명서번호  
 CERTIFICATE NO. 10-P-1022-07-0010

발행년월일  
 DATE OF ISSUE: OCTOBER 23, 1980

제품 규격 DIMENSIONS	수량 QUANTITY	중량 WEIGHT (KG)	재입번호 CHARGE NO.	제품번호 PRODUCT NO.	인장 시험 TENSILE TEST		충격 시험 IMPACT TEST	열처리 HEAT TREATMENT	화학 조성 (%) CHEMICAL COMPOSITION (%)											
					항복강도 Yield Point kg/mm <sup>2</sup>	인장강도 Tensile Strength kg/mm <sup>2</sup>			C	Si	Mn	P	S	As	Al	N				
3/4" X 94" X 240"	5	5,835	F4025	1963280	30.7	46.9	27	5000	21.4	94	19.9									
334	3	5,835	"	1963290	"	"	"	5000	"	"	"									
"	3	5,835	"	1963300	28.9	46.3	28	5000	"	"	"									
"	3	5,835	F39200	1971980	30.8	45.9	28	5000	21.4	75	14.2									
*SUB TOTAL*	26	50,570		1933770	28.7	46.6	29	5000	19.4	95	14.0									
3/4" X 72" X 240"	4	6,668	S17301	1933780	"	"	"	5000	"	"	"									
"	4	6,668	"	1933790	"	"	"	5000	"	"	"									
"	4	6,668	"	1931800	"	"	"	5000	"	"	"									
"	4	6,668	"	1931810	29.1	45.5	31	5000	"	"	"									
"	4	6,668	X2270	5050401	32.0	48.2	28	5000	1526	91	1120	2								
"	4	6,668	S06637	5050411	30.6	47.2	29	5000	1726	89	1619	2								
"	4	6,668	X3651	5050421	31.2	47.0	32	5000	1522	84	1317	2								
*SUB TOTAL*	32	53,344		1931880	32.7	50.8	29	5000	1724	87	1518									
3/4" X 60" X 240"	4	5,556	"	1931890	33.7	50.3	30	5000	"	"	"									
"	4	5,556	"	1931900	30.9	49.5	28	5000	1627	95	1324									
"	3	4,167	F37436	1931910	28.0	45.9	28	5000	195	92	1418									
"	3	4,167	S15489	1931920	28.6	45.9	31	5000	1017	87	1826									
"	4	5,556	X3778	1931930	31.5	49.1	30	5000	"	"	2021									
"	3	4,167	F3743	1931980	30.8	48.5	26	5000	"	"	1515									
"	3	4,167	"	1935990	27.8	46.1	30	5000	"	"	"									
"	4	5,556	S15082	5146750	30.2	46.7	30	5000	1925	89	1820	1								
"	4	5,556	S08392	5163830	30.3	48.2	27	5000	1629	99	2124	1								

WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND ALSO WITH THE REQUIREMENTS CALLED FOR BY THE ABOVE ORDER.

INTERSTATE STEEL SUPPLY CO.  
 SURVEILLANCE REPORTS FOR

PSD1A BALDWIN ASSOCIATES

Your Order # 629186

Requisition 27912

Our Invoic

포항종합제철주식회사

TRANSMITTAL #

PAGE 10

TO BE CONTINUED

CHIEF OF PRODUCTS INSPECTION SECTION

S-19167

MAR 24 1981 CR

DOCUMENT RECORDS CENTER



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계약 번호  
CONTRACT NO: KPPJ411A

주문 번호  
ORDER NO:

품명  
COMMODITY: PLATE

제품규격  
SPECIFICATION: ASTM A36

# 시험검사증명서 MILL TEST CERTIFICATE

POHANG IRON & STEEL CO., LTD.  
3 DONG CHON DONG POHANG CITY KYEONG SAN GUK DO KOREA

수요가  
CUSTOMER: AQW00

주문자  
SUPPLIER: QAE W00

증명서번호  
CERTIFICATE NO: 80-P-1225-084

검사일자  
DATE OF INSPECTION: DEC. 09, 1981



제품 치수 DIMENSIONS	수량 QUANTITY	중량 WEIGHT KG	제강번호 CHARGE NO.	제품번호 PRODUCT NO.	인장 시험 TENSILE TEST			충격 IMPACT °C	입도 GRAIN SIZE	화 학 성분 CHEMICAL COMPOSITION (%)											비고 REMARK				
					Y	P	TS			EL	C	Si	Mn	P	S	Cu	Ni	Cr	Ti	Nb		V	Mo	N	
																									KG/MM <sup>2</sup>
3/4" X 96" X 240"	4	8,888	S18649	5258330	29.7	48.230			G	21.6	93	1524	2												
"	4	8,888	S18374	5258340	30.2	50.026			G	20.6	103	1625	2												
"	4	8,888	"	5258350	"	"			G	"	"	"	"												
"	4	8,888	"	5258360	"	"			G	"	"	"	"												
"	4	8,888	"	5258370	28.8	46.627			G	"	"	"	"												
"	4	8,888	S18649	5276160	27.7	46.127			G	21.6	93	1524	2												
*SUB TDAL*	178		395,516																						
3/4" X 84" X 240"	5	9,725	S19585	5283430	28.3	45.729			G	20.6	89	1822													
"	5	9,725	"	5283440	"	"			G	"	"	"	"												
"	2	3,890	"	5283451	"	"			G	"	"	"	"												
"	5	9,725	"	5311690	29.1	44.729			G	"	"	"	"												
"	5	9,725	"	5317550	27.9	43.529			G	"	"	"	"												
"	5	9,725	"	5317560	"	"			G	"	"	"	"												
*SUB TOTAL*	27		52,515																						
3/4" X 72" X 240"	1	1,667	S19547	5279232	27.4	44.929			G	21.5	86	2722	2												
"		610,002	"	5279240	"	"			G	"	"	"	"												
"		610,002	S19569	5279250	27.1	45.830			G	21.5	95	1910	2												
"		610,002	S19547	5279260	27.4	44.929			G	21.5	86	2722	2												
"		610,002	"	5279270	"	"			G	"	"	"	"												
"		610,002	"	5279280	"	"			G	"	"	"	"												
*SUB TOTAL*	31		51,677																						
7/8" X 96" X 240"	4	10,376	S19610	5285350	29.5	46.130			G	20.7	94	1118	1												
"		410,376	"	5285360	31.8	48.029			G	"	"	"	"												
"		410,376	"	5285370	"	"			G	"	"	"	"												

BALDWIN ASSOCIATES  
MAR 24 1981 CR  
DOCUMENT RECORDS CENTER

S-13167

WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND ALSO WITH THE REQUIREMENTS CALLED FOR BY THE ABOVE ORDER.

INTERSTATE STEEL SUPPLY CO.  
SURVEYOR TO BALDWIN ASSOCIATES

TO BE CONTINUED  
CHIEF OF PRODUCTS INSPECTION SECTION

PS C0758N 81388 805 B

포항종합제철주식회사 PAGE:  
TRANSMITTAL # 81-1077

Your Order # 29186  
Requistic  
Our Invoice # 27912

REFERENCE COPY



포항종합제철주식회사  
POHANG IRON & STEEL CO., LTD.  
5 DONGCHON-DONG POHANG CITY KYEONGSANG BUK-DO KOREA

검사증명서  
MILL TEST CERTIFICATE

계약번호 KPPF313F  
주문번호 LOTD3EP01  
종류 PLATE  
수요가 ACWOO  
제품규격 ASTM A36

공명서번호  
CERTIFICATE NO. 80-P-1013-07-0022

발행년월일  
DATE OF ISSUE OCTOBER 13, 1980

제품규격 DIMENSIONS	수량 QUANTITY	중량 WEIGHT (KG)	제강번호 CHARGE NO.	제품번호 PRODUCT NO.	인장시험 TENSILE TEST		BEND TEST	IMPACT TEST	HEAT TREATMENT	화학 조성 (%) CHEMICAL COMPOSITION (%)										
					항복강도 Yield Strength kg/mm <sup>2</sup>	인장강도 Tensile Strength kg/mm <sup>2</sup>				C	Mn	P	S	Si	AL	CU	NI	REMAIN		
5/8" X 96" X 240"	3	5,559	F26029	1962790	29.5	46.8	GOOD			20.5	71	72.5								
"	4	7,412	"	1962800	"	"	GOOD			"	"	"								
"	4	7,412	"	1962810	"	"	GOOD			"	"	"								
"	4	7,412	"	1962820	"	"	GOOD			"	"	"								
"	4	7,412	F40896	1962830	29.8	47.7	GOOD			17.5	81	1720								
"	4	7,412	"	1962840	31.5	48.2	GOOD			"	"	"								
"	4	7,412	"	1962850	"	"	GOOD			"	"	"								
"	4	7,412	"	1962860	"	"	GOOD			"	"	"								
"	4	7,412	S16924	5066320	29.5	45.5	GOOD			19.6	88	1751								
"	4	7,412	S26061	5071590	27.7	48.5	GOOD			19.6	95	2227								
45UB TOTAL	130	240,890								21.5	90	1921								
3/4" X 96" X 240"	3	6,666	S17765	1934840	29.5	47.8	GOOD													
"	3	6,666	"	1934850	"	"	GOOD													
"	3	6,666	"	1934860	"	"	GOOD													
"	3	6,666	"	1934870	"	"	GOOD													
"	3	6,666	"	1934880	"	"	GOOD													
"	3	6,666	"	1934890	"	"	GOOD													
"	2	4,444	"	1934900	"	"	GOOD													
"	3	6,666	"	1934910	"	"	GOOD													
"	3	6,666	"	1934920	"	"	GOOD													
"	3	6,666	"	1934940	"	"	GOOD													
"	3	6,666	"	1934950	"	"	GOOD													
"	3	6,666	"	1934960	"	"	GOOD													
"	3	6,666	"	1934970	"	"	GOOD													



BALDWIN ASSOCIATES  
PERFIVED  
NAR 24 1981  
DOCUMENT RECORDS CENTER

WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND ALSO WITH THE REQUIREMENTS CALLED FOR BY THE ABOVE ORDER.

INTERSTATE STEEL SUPPLY CO.  
SURVEYOR Sports, fern

PS208 BALDWIN ASSOCIATES  
POHANG 종합제철주식회사

TO BE CONTINUED  
PAGE: 2

REFERENCE COPY  
Your Order # C29186  
Our Invoice # 27012

# 검사 증명서 MILL TEST CERTIFICATE

포항종합제철주식회사  
POHANG IRON & STEEL CO., LTD.  
5 DONGCHON-DONG POHANG CITY KYEONGSANG BUK DO KOREA  
공명서빈호  
CERTIFICATE NO.: 8D-P-1023-07-2013

발행년월일  
DATE OF ISSUE: OCTOBER 23, 1986

NO YA

계약번호 KPPF533K  
CONTRACT NO.:  
주문번호 LOT01EP04  
ORDER NO.:  
소재명 PLATE  
COMMODITY :  
주요가치 AC-00  
CUSTOMER :  
제품규격  
SPECIFICATION : ASTM A36

제 목 DIMENSIONS	수량 QUANTITY	TENSILE TEST MPa kg/mm <sup>2</sup>	ELONGATION % %	HEAT TREATMENT	CHEMICAL COMPOSITION (%)	CHEMICAL COMPOSITION (%)															
						C	S	Mn	P	S	Ca	Si	AL	N	CU	NI	MO				
341 1"x84"x240"	2	27.8	46.2	32	GOOD	20.6	0.05	0.19	0.02	0.0019	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
*SUB TOTAL*	19																				
342 1"x72"x240"	4	28.1	44.5	30	GOOD	21.6	0.09	0.23	0.02	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
*SUB TOTAL*	4																				
343 1"x60"x240"	4	29.6	45.2	29	GOOD	21.7	0.09	0.18	0.02	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
*SUB TOTAL*	4																				
344 1"x96"x288"	3	27.1	45.6	30	GOOD	19.6	0.02	0.14	0.02	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
*SUB TOTAL*	3																				
345 1"x96"x144"	5	30.3	50.3	28	GOOD	18.5	0.02	0.18	0.02	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
*SUB TOTAL*	5																				

WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND ALSO WITH THE REQUIREMENTS CALLED FOR BY THE ABOVE ORDER.

INTERSTATE STEEL & SUPPLY CO. BALDWIN ASSOCIATES

PSR Report Test  
PAGE: 27912  
TRANSMITTAL # 81-1077  
MAR 24 1981  
S-18167  
DOCUMENT RECORDS CENTER  
BALDWIN ASSOCIATES

Your Order #  
Requirement #

S-0

-All.1(A)

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

# QUALITY CONTROL RECEIVING INSPECTION REPORT

## POSTED

RIR No. S-13080

DATE 3-9-81

SHEET 1 OF 1

C.P.S. UNIT: 0

SAFETY

NON-SAFETY

SPEC/REV/ADDN: K-2999

REFERENCE DOCUMENTS:

DOCUMENTATION

CONFORMS  NO DOCUM. REQ.

DISPOSITION LEGEND:

A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED

VENDOR: Interstate Steel

BAP. 2.3

TAG TYPE AFSO

PO NO: C-29186

R1-29186

TAG NO. R-2821

ISSUED 3-10-81

ARRIVAL DATE: 3-9-81

CLEARED 3-19-81

NCR NO:

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM DISPOSITION BY <u>SS</u>	DATE	FINAL DISPOSITION BY <u>SS</u>	DATE	INSPECTION LOCATION
					PRELIM	FINAL					
320 Eq	N/A	N/A	5/8" x 14" x 18" Plate Grade A36	F39964	S	A	3-10-81	3-19-81	ELL		
80 Eq			↓ ↓ ↓	F26829							
300 Eq			3/4" x 13" x 13"	S17301							
320 Eq			3/4" x 14" x 14"	S17301							
24 <del>20</del> Eq			↓ ↓ ↓	S19569							
60 Eq			↓ ↓ ↓	S17765							
20 Eq	↓	↓	5/8" x 48" x 96"	4940731	↓	↓	↓	↓	↓	↓	

BALDWIN ASSOCIATES  
RECEIVED

MAR 31 1981

*CR*

DOCUMENT RECORDS CENTER

DRG  
REFERENCE COPY

TRANSMITTAL # R1-1080

INSPECTED BY: Sonny Sulvor

DATE 3-10-81

COMMENTS: AFSO No conforming Foreign Steel Doc accepted per V.D #2053 R BEEKER

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.): Quay S. Holt

DATE 3/19/81

포항종합제철주식회사  
 POHANG IRON & STEEL CO., LTD.  
 5 DONGCHON-DONG POHANG CITY KYEONGSANG BUK-DO KOREA  
 등록번호: 80-F-1023-07-0008  
 인증서번호

검사증명서  
 MILL TEST CERTIFICATE

계약번호: KPPF333K  
 CONTRACT NO.:  
 주문번호: LOT05EP04  
 ORDER NO.:  
 품목명: PLATE  
 COMMODITY:  
 고객명: ACWOO  
 CUSTOMER:  
 제품규격: ASTM A36  
 SPECIFICATION:

발행년월일  
 DATE OF ISSUE: OCTOBER 22, 1980

제품명 DIMENSIONS	수량 QUANTITY	무게 WEIGHT (KG)	차관번호 CHARGE NO.	제품번호 PRODUCT NO.	인장시험 TENSILE TEST		인장시험 TENSILE TEST		연신율 % EL	연신율 % EL	연신율 % EL	연신율 % EL	연신율 % EL	열처리 HEAT TREATMENT	화학적 조성비율 (%) CHEMICAL COMPOSITION (%)															
					항복강도 MPa (kg/mm <sup>2</sup> )	항복강도 MPa (kg/mm <sup>2</sup> )	항복강도 MPa (kg/mm <sup>2</sup> )	항복강도 MPa (kg/mm <sup>2</sup> )							C	Si	Mn	P	S	Cu	NI	AL	OTHER							
5/8" X 2" X 240"	4	5,560	F39964	1918320	52.6	47.8	30								21.3	76	1823													
330	3	4,170		1918330																										
	4	5,560		1918340																										
	4	5,560		1918350																										
	3	4,170		1918360																										
	4	5,560		1918370																										
*SUB TOTAL*	33	43,870																												
5/8" X 60" X 240"	1	1,258	S17199	0085120	51.2	48.5	27								19.5	72	2122	2												
	4	4,632	S17787	1937550	25.3	43.3	32								18.5	77	1620													
	4	4,632		1937540																										
	4	4,632		1937550																										
	4	3,474		1937560																										
	4	4,632		1937570																										
	4	4,632		1937580																										
	4	4,632		1937590																										
	4	4,632		1937600																										
	4	4,632		1937610																										
	4	4,632		1937620																										
	4	4,632		1937630																										
*SUB TOTAL*	44	50,952																												
5/8" X 60" X 120"	6	3,474	S17787	1937420	29.5	44.6	31																							
	6	4,632		1937430	25.3	43.3	32																							
	8	4,632		1937440																										
	8	4,632		1937450																										
332	8	4,632																												

WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND ALSO WITH THE REQUIREMENTS CALLED FOR BY THE ABOVE ORDER.

SURVEYOR TO: PS521

TO BE CONTINUED

CHIEF OF PRODUCTS INSPECTION SECTION

PAGE: 2

포항종합제철주식회사

S-13080  
 C-29186

REFERENCE COPY

331 BALDWIN ASSOCIATES  
 RECEIVED  
 MAR 31 1981  
 DOCUMENT RECORDS CENTER



TRANSMTAL # R1-1080

INTERSTATE STEEL SUPPLY CO.  
 1611 Reports for  
 For Bureau Files  
 C-29186  
 Your Order #  
 Requisition #  
 Our Invoice # 27911



포항종합제철주식회사  
POHANG IRON & STEEL CO., LTD.  
5 DONGCHON-DONG POHANG-CITY KYEONGSANG BUK-DO KOREA

검사증명서  
MILL TEST CERTIFICATE

계약번호 KPPF313F  
주문번호 LD103EP01  
제품명 PLATE  
소재 ACW00  
고객명  
제품규격  
SPECIFICATION: ASTM A36

증명서 번호  
CERTIFICATE NO.: 80-P-1013-07-0022  
발행년월일  
DATE OF ISSUE: OCTOBER 13, 1980

제품번호 PRODUCT NO.	제품명 PRODUCT NAME	수량 QUANTITY	중량 WEIGHT (KG)	제강번호 CHARGE NO.	인장시험 TENSILE TEST				굽힘시험 BEND TEST	충격시험 IMPACT TEST	열처리 HEAT TREATMENT	화학 조성 (%) CHEMICAL COMPOSITION (%)																													
					항복강도 YIELD STRENGTH	인장강도 TENSILE STRENGTH	연신율 ELONGATION	연신율 ELONGATION				C	Si	Mn	P	S	CU	AL	N	AS																					
1962790	314	3	5.559	726829	29.5	46.8	29	6000			20.5	0.71	71.5																												
1962800		4	7.412					6000																																	
1962810		4	7.412					6000																																	
1962820		4	7.412					6000																																	
1962830		4	7.412	FA0896	29.8	47.7	28	6000																																	
1962840		4	7.412		31.5	48.2	26	6000																																	
1962850		4	7.412					6000																																	
1962860		4	7.412					6000																																	
5066320		4	7.412	S16924	29.5	45.5	31	6000																																	
5071590		4	7.412	S16061	27.7	46.5	27	6000																																	
1934840		3	240.890					6000																																	
1934850		3	6.666	S17765	29.5	47.9	30	6000																																	
1934860		3	6.666					6000																																	
1934870		3	6.666					6000																																	
1934880		3	6.666					6000																																	
1934890		3	6.666					6000																																	
1934900		3	4.844					6000																																	
1934910		3	6.666					6000																																	
1934920		3	6.666					6000																																	
1934940		3	6.666					6000																																	
1934950		3	6.666					6000																																	
1934960		3	6.666					6000																																	
1934970		3	6.666					6000																																	

INTERSTATE STEEL SUPPLY CO.  
Pohang Iron & Steel Co.  
C 29185  
27911



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MAR 31 1981  
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WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND ALSO WITH THE REQUIREMENTS CALLED FOR BY THE ABOVE ORDER.

SURVEYOR TO:

포항종합제철주식회사

PAGE:

PSR44

S-1330

CHIEF OF PRODUCTS INSPECTION SECTION

TO BE CONTINUED

REFERENCE COPY

CONTRACT NO. KPPJ411A

검사증명서  
MILL TEST CERTIFICATE

POHANG IRON & STEEL CO. LTD.  
POHANG IRON & STEEL CO., LTD.  
DONG CHON DONG POHANG CITY KYEONG SAN'S BUK DO KOREA

주문번호  
ORDER NO.  
품명  
COMMODITY: PLATE  
제품규격  
SPECIFICATION: ASTM A36

수요가  
CUSTOMER: ACW30  
주문자  
SUPPLIER: DAE WOO

증명서번호  
CERTIFICATE NO. 80-P-1222-024  
검사일자  
DATE OF INSPECTION: DEC. 09 1980



DRG REFERENCE COPY

제품치수 DIMENSIONS	수량 QUANTITY	중량 WEIGHT KG	제강번호 CHARGE NO.	제품번호 PRODUCT NO.	인장시험 TENSILE TEST		충격 IMPACT °C	입방 GRAIN SIZE	화학성분 CHEMICAL COMPOSITION (%)																	
					Y P	T S			E L	C	Si	Mn	P	S	Cu	Ni	Cr	Ti	Nb	V	Mo	N				
																							KG/MM	%	*100	*100
3/4"X96"X240"	4	8,888	S18649	5258330	29.7	48.230			21.6	93	1524	2														
"	4	8,888	S18374	5258340	30.2	50.026			20.6	103	1625	2														
"	4	8,888	"	5258350	"	"			"	"	"	"														
"	4	8,888	"	5258360	"	"			"	"	"	"														
"	4	8,888	"	5258370	28.8	46.627			"	"	"	"														
"	4	8,888	S18649	5276160	27.7	46.127			21.6	93	1524	2														
*SUB TOTAL*	178		395,516																							
3/4"X84"X240"	5	9,725	S19585	5283430	28.3	45.729			20.6	89	1822	2														
"	5	9,725	"	5283440	"	"			"	"	"	"														
"	2	3,890	"	5283451	"	"			"	"	"	"														
"	5	9,725	"	5311690	29.1	44.729			"	"	"	"														
"	5	9,725	"	5317550	27.9	45.529			"	"	"	"														
"	5	9,725	"	5317560	"	"			"	"	"	"														
*SUB TOTAL*	27		52,515																							
3/4"X72"X240"	1	1,667	S19547	5279232	27.4	44.929			21.5	86	2722	2														
"	610,002		"	5279240	"	"			"	"	"	"														
"	610,002		S19589	5279250	27.1	45.830			21.5	93	1910	2														
"	610,002		S19547	5279260	27.4	44.929			21.5	86	2722	2														
"	610,002		"	5279270	"	"			"	"	"	"														
"	610,002		"	5279280	"	"			"	"	"	"														
*SUB TOTAL*	31		51,677																							
7/8"X96"X240"	4	10,376	S19610	5285350	29.5	46.130			20.7	94	1118	1														
"	4	10,376	"	5285360	31.8	48.029			"	"	"	"														
"	4	10,376	"	5285370	"	"			"	"	"	"														

BALDWIN ASSOCIATES  
MAR 24 1981 CR  
DOCUMENT RECORDS CENTER

S-13167  
13080 9/17/84

WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND ALSO WITH THE REQUIREMENTS CALLED FOR BY THE ABOVE ORDER.

INTERSTATE STEEL SUPPLY CO.  
SURVEYOR TO Baldwins for  
BALDWIN ASSOCIATES

TO BE CONTINUED  
CHIEF OF PRODUCTS INSPECTION SECTION

Your Order # 629186

Requisite

Our Invoice # 87012

포항종합철강주식회사 PAGE: TRANSMITTAL # R-1-1077

REPORT OF TEST AND ANALYSIS

12-26-80

44734 (Rev. 4-6-78)

PLANT SPARROWS PT.	SHIPMENT NO. 409- 19982	DATE SHIPPED 12/19/80	CAR OR VEHICLE NO. MAWS MAWSON&MAWSON	PG 1 LAST
-----------------------	----------------------------	--------------------------	--	-----------

SOLD TO  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116 *NO LOCATION*

SHIP TO  
INTERSTATE STEEL SUPPLY CO  
E BYBERRY RD  
PHILADELPHIA PA 19116

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	NO. PCS.		THICKNESS	WEIGHT	YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %	BEN.
									IN.	%		
CO# 20606-B						003-1083B		8225	17	50	38	
3090		ASTM A36-77A										
		494L0731	5		5/8 96	240	20420	54.0 41.0	74.6 76.5	8 8	26 32	01 01

DRG  
REFERENCE COPY

BALDWIN ASSOCIATES  
RECEIVED  
MAR 31 1981 *CR*  
DOCUMENT RECORDS CENTER  
INTERSTATE STEEL SUPPLY CO.  
Test Reports for:  
Baldwin Associates



BEND TEST RESULTS

Your Order # C29186  
Requisition #  
Our Invoice # 27914

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	CHARPY IMPACT																		
					TYPE	SIZE	DIR.	TEST TEMP.	ENERGY (FT. LBS.)				DUCTILITY (%)			LAT. EXP. (MILS.)							
									1	2	3	AVG.	1	2	3	1	2	3					

HEAT NUMBER	CHEMICAL ANALYSIS														McQUA GRAN SIZE								
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	N	Al										
494L0731	.25	1.12	.009	.019	.009																		

TRANSMITTAL # RI-1080

RIR  
S-13080

REC 58

I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

E. B. SHELLY  
CHIEF METALLURGIST



# BALDWIN ASSOCIATES

(IN CLINTON)

No. C 30030

PURCHASE ORDER

FRUIN-COLNON CORPORATION      KELSO-BURNETT CO., INC.  
 McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.      POWER SYSTEMS, INC.  
 P.O. BOX 306      CLINTON, ILLINOIS 61727  
 PHONE 217 - 937-1111

Plan 4 - Safety Related

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE

VENDOR  Interstate Steel Supply 1800 East Byberry Road Philadelphia, PA 19116 Attn: Bill Sarie	ROUTING			SHIP TO:  Clinton, IL
	TITLE	APPR.	DATE	
	DEPT. MGR.			
	PROJ. ENG.			
	Q.A. MGR.			
YOUR REFERENCE:				AREA
				FOREMAN G. Fernandez

DATE 4-1-81	TERMS Net 12-10-Net 30	CHARGE TO 1026A-3567722E	REQUISITION NO. 90551	SHIP VIA Truck PP	FOB Destination
----------------	---------------------------	-----------------------------	--------------------------	----------------------	--------------------

SEND FOUR COPIES OF ALL INVOICES TO: P. O. Box 306 Clinton, IL 61727	<input type="checkbox"/> FOR RESALE <input checked="" type="checkbox"/> TAXABLE	DELIVERY REQUIRED 4-14-81
--	--	------------------------------

QUANTITY	DESCRIPTION
Deliver the following in accordance with the purchase order terms and conditions Form No. _____:	
1500'	cwt 5430# L2½ x 2 x ½ Unequal Leg Angle
1500'	cwt 6750# L2½ x 2 x 5/16 Unequal Leg Angle
600'	cwt 4350# C4 x 7.25 Standard Channel
1000pcs	PL 3/8 x 8 x 8 Plate
400pcs	PL ½ x 10 x 10 Plate
100pc	PL ½ x 14 x 18 Plate
All materials are ASTM A-36.	
Certified material test reports required that include the actual results of all chemical analysis and mechanical test.	
All certificates of compliance, test reports, inspection reports, NDE records or other material certifications which are required by our Purchase Orders must be received before invoices will be processed for payment.	
ONE (1) COPY TO ACCOMPANY SHIPMENT ONE (1) COPY TO BE MAILED ALL DOCUMENTATION WHICH IS TO BE MAILED SHOULD BE ADDRESSED TO: BALDWIN ASSOCIATES, P. O. BOX 306, CLINTON, IL 61727 ATTN: MANAGER OF QUALITY CONTROL	
CONFIRMING: PLEASE SIGN AND RETURN ACCEPTANCE COPY IMMEDIATELY TO PURCHASING.	

BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

# REQUISITION

## BALDWIN ASSOCIATES

(IN CLUNTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

NO. ELEC- 90551 \$

PURCHASE ORDER NO. C-30030

<input type="checkbox"/> PRICE INQUIRY ONLY TO:	<input checked="" type="checkbox"/> PURCHASE FROM:	<input type="checkbox"/> NON SAFETY	<input checked="" type="checkbox"/> SAFETY RELATED
VENDOR <b>INTERSTATE STEEL SUPPLY</b>	DATE <b>3-12-81</b>	PLAN NO. <b>TZ</b>	PROJECT ENGINEER <i>[Signature]</i> DATE <b>3/16/81</b>
STREET <b>1800 E BYBERRY RD</b>	JOB REFERENCE <b>1026A</b>		QA MANAGER <i>[Signature]</i> DATE <b>3/16/81</b>
CITY & STATE <b>PHILADELPHIA, PA. 19116</b>	CHARGE TO SUB-ACCOUNT NO. <b>3567722E</b>		COST ENGINEER <b>KD</b> DATE <b>3/16/81</b>
ATTENTION <b>BILL SARLE</b>	SHIP TO: <b>800/523-3340</b>		SPECIAL INSTRUCTIONS: <b>K-2999 MATERIALS FOR ELECTRICIANS</b>
<input checked="" type="checkbox"/> CONFIRMING <input type="checkbox"/> NOT CONFIRMING			

REQUIRED DELIVERY DATE <b>3-30-81</b>	DELIVER TO AREA <b>PROJECT ELECTRICIANS</b>	<input type="checkbox"/> FOR RESALE	SHIP VIA
	<input checked="" type="checkbox"/> TAXABLE	<input type="checkbox"/> TRUCK-PREPAID	<input type="checkbox"/> RAIL-PREPAID
		<input type="checkbox"/> FACTORY	<input checked="" type="checkbox"/> DESTINATION

QUANTITY	PART OR CAT. NO.	DESCRIPTION
1500 FT	430*	12 1/2 x 2 x 1/4 UNEQUAL LEG ANGLE
1500 FT	16750*	12 1/2 x 2 x 5/16 UNEQUAL LEG ANGLE
300 FT		<del>L 4 x 4 x 1/2 EQUAL LEG ANGLE</del>
600 FT	4350*	C4 x 7.25 STANDARD CHANNEL
1500 FT		<del>2 x 1/4 FLAT BAR</del> <i>not</i>
2000 FT		<del>6 x 1/2 FLAT BAR</del> <i>not</i>
1000 PC		1/2 3/8 x 8 x 8 PLATE
400 PC		1/2 1/2 x 10 x 10 PLATE
100 PC		1/2 1/2 x 14 x 18 PLATE
<b>ALL MATERIALS ARE: ASTM-A36</b>		
<b>CERTIFIED MATERIAL TEST REPORTS REQUIRED THAT INCLUDE THE ACTUAL RESULTS OF ALL CHEMICAL ANALYSIS AND MECHANICAL TEST.</b>		
<b>TO BE USED FOIZ DV CONNECTIONS.</b>		
<i>Burchard 3/31/81</i>		
<i>Ship 4/14/81</i>		
TERMS: <b>1/201-10-30</b>		

REQUISITIONED BY <i>[Signature]</i>	APPROVED BY <i>[Signature]</i>
CRAFT: <b>ELECTRICIANS</b>	PROJECT MANAGER <i>[Signature]</i>
DEPT. MGR. APPR. <b>70</b>	ILLINOIS POWER CO. <b>3/17</b>

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

QUALITY CONTROL  
RECEIVING INSPECTION REPORT

RIR No. S-13458

DATE 4-13-81

SHEET 1 OF 1

C.P.S. UNIT: 0

SAFETY  NON-SAFETY

**POSTED**

SPEC/REV/ADDN: K-2999 AM4

REFERENCE DOCUMENTS:

DOCUMENTATION

CONFORMS  NO DOCUM. REQ.

DISPOSITION LEGEND:

A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED

VENDOR: INTERSTATE STEEL

BAP 2.3

TAG TYPE \_\_\_\_\_

PO NO: C-30030

R1-30030

TAG NO. \_\_\_\_\_

ISSUED \_\_\_\_\_

ARRIVAL DATE: 4-13-81

CLEARED \_\_\_\_\_

NCR NO. \_\_\_\_\_

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM DISPOSITION BY	DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL					
38 E9	N/A	N/A	2 1/2" x 2" x 1/4" x 40' Ang A36 Gr.	68175		A				4-20-81	E11
75 E9			2 1/2" x 2" x 5/16" x 20' ↓	B4971							
15 E0			4" x 7" 25 x 40" Chan	A6233							
1000 E9			3/8" x 8" x 8" plates	492 No 492							
400 E9			1/2" x 10" x 10" plates	432L7521							
100 E9			1/2" x 14" x 18" plates ↓ ↓	432L7521							

TRANSMITTAL # R1-1099

BALDWIN ASSOCIATES  
RECEIVED

APR 29 1981

DOCUMENT RECORDS CENTER  
JAN OHLEMYER RL

DRG  
REFERENCE COPY

INSPECTED BY: Sonny Sulew

DATE 4-20-81

COMMENTS:

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.): [Signature]

DATE 4/27/81

BETHLEHEM STEEL CORPORATION

METALLURGICAL DEPARTMENT

REPORT OF TEST AND ANALYSIS

047  
211

48924 (Re. J A-78)

PLANT SPARROWS PT.	SHIPMENT NO 409- 02833	DATE SHIPPED 02/23/81	CAR OR VEHICLE NO. MAWS MAWSON&MAWSON	PG 2 LAS
-----------------------	---------------------------	--------------------------	--	----------

SOLD TO  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

SHIP TO  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

ITEM	SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %
				NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH			WEIGHT	IN.	
	CO# 20947-B					160@9561	GD# 003-1377C		8225/020626			
	3090		ASTM A36-77A									
01			492N0492	27	3/ 8	48	96	13230	40.6 41.6	65.8 66.4	8 8	28 26
DRG REFERENCE COPY												
INTERSTATE STEEL SUPPLY CO.												

TRANSMITTAL #

BEND TEST A6514

Test Reports for

*Baldwin Assoc.*  
Your Order # 30030  
Requisition # 32574

BALDWIN ASSOCIATES  
 RECEIVED  
 APR 29 1981  
 DOCUMENT RECORDS CENTER  
 JAN OHLEN...

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARDENING	TYPE	SIZE	DR.	OFT. TEMP.	CHARPY IMPACT ENERGY (FT. LBS.)				DUCTILITY (%)			LAT. EXP. (MBS)		
									1	2	3	AVG.	1	2	3	1	2	3
		S-18458																

HEAT NUMBER	CHEMICAL ANALYSIS														McQU/ GRAB SIZE			
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	N	Al					
492N0492	.22	.85	.007	.022	.014													



I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

E. B. SHELLY  
CHIEF METALLURGIST

BETHLEHEM STEEL CORPORATION  
METALLURGICAL DEPARTMENT  
REPORT OF TEST AND ANALYSIS

40524 (Rev. 8-4-78)  
 PLANT: SPARROWS PT. SHIPMENT NO.: 16008094 DATE SHIPPED: 01/13/81 CAR OR VEHICLE NO.: PG 1 LAST

SOLD TO  
 INTERSTATE STEEL SUPPLY CO  
 1800 E BYBERRY RD  
 PHILADELPHIA PA 19116

SHIP TO  
 INTERSTATE STEEL SUPPLY CO  
 1800 E BYBERRY RD  
 PHILADELPHIA PA 19116

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY					YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %	BOND
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT			IN.	%		
CO# 20514-B													
3090	ASTM	A36-77A											
		402N5401	5	1/2	48	96	3265	52.6 46.2	73.8 70.0	8 8	20 23	0 0	
		432L4101	1	1/2	48	96	653	37.2 36.4	63.7 61.5	8 8	27 26	0 0	
		432L7521	10	1/2	48	96	6530	47.6	79.7	8	24	0	

DRG REFERENCE COPY

TRANSMITTAL # R1-1099

INTERSTATE STEEL SUPPLY CO.

BEND TEST A6514

Test Reports for

Baldwin Assoc.  
 Your Order #30030

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	REQUISITION #		CHARPY IMPACT			DUCTILITY (%)			LAT. EXP. (MILS.)				
					TYPE	SIZE	DIR.	TEST TEMP.	INVOICE	ENERGY (FT. LBS.)	AVG	1	2	3	1	2	3

DOCUMENT RECORDS CENTER  
 JAN OHLMUTTER  
 APR 29 1981  
 BALDWIN ASSOCIATES  
 RECEIVED



HEAT NUMBER	CHEMICAL ANALYSIS												
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	N	Al
402N5401	.21	1.08	.010	.018	.010								
432L4101	.19	.73	.010	.018	.040								
432L7521	.23	1.15	.017	.015	.200								

I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

E. B. SHELLY  
 CHIEF METALLURGIST

# BALDWIN ASSOCIATES

(IN CLINTON)

No. C 30358

PURCHASE ORDER

FRUIN-COLNOR CORPORATION      KELSO-BURNETT CO., INC.  
 McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.    POWER SYSTEMS, INC.  
 P.O. BOX 306      CLINTON, ILLINOIS 61727  
 PHONE 217 - 937-1111

Plan 4 - Safety Related

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE

VENDOR	<b>Interstate Steel</b> 1800 East Byberry Road Philadelphia, PA 19116 Attn: Bill Serle	ROUTING			SHIP TO:  Clinton, IL
		TITLE	APPR	DATE	
		DEPT. MGR.			
		PROJ. ENG.			
		Q.A. MGR.			
YOUR REFERENCE:		PROJ. MGR.	AREA	FOREMAN	
		PUR. MGR.		<b>G. Fernandez</b>	

DATE 4-16-61	TERMS Net 30	CHARGE TO 1026A-3477232E	REQUISITION NO. 90678 & 90648	SHIP VIA Truck PP	FOB Destination
-----------------	-----------------	-----------------------------	----------------------------------	----------------------	--------------------

SEND FOUR COPIES OF ALL INVOICES TO: P. O. Box 306 Clinton, IL 61727	<input type="checkbox"/> FOR RESALE <input checked="" type="checkbox"/> TAXABLE	DELIVERY REQUIRED 4-23-61
--	--	------------------------------

QUANTITY	DESCRIPTION
	Deliver the following in accordance with the purchase order terms and conditions Form No. _____:
1000±pc	0 PL 1" x 14" x 1/2" Plates ASTM-A36
700pc	0 PL 1/2" x 10" x 10" Plates
500pc	5 PL 1/2" x 12" x 12" Plates
600'	5cwt 5860# 5 x 3 x 3/8 Unequal Leg Angle
600'	0cwt 2460# 3 x 2 x 1/4 Unequal Leg Angle
All materials are ASTM-A36.	
Certified material test reports required that include the actual results of all chemical analysis and mechanical test.	
All certificates of compliance, test reports, inspection reports, NDE records or other material certifications which are required by our Purchase Orders must be received before invoices will be processed for payment.	
ONE (1) COPY TO ACCOMPANY SHIPMENT ONE (1) COPY TO BE MAILED ALL DOCUMENTATION WHICH IS TO BE MAILED SHOULD BE ADDRESSED TO: BALDWIN ASSOCIATES, P. O. BOX 306, CLINTON, IL 61727 ATTN: MANAGER OF QUALITY CONTROL	
CONFIRMING:	
PLEASE SIGN AND RETURN ACCEPTANCE COPY IMMEDIATELY TO PURCHASING.	

ACCEPTED _____	BALDWIN ASSOCIATES	PER _____
PER _____	AUTHORIZED SIGNATURE	AUTHORIZED SIGNATURE

EL

# REQUISITION

## BALDWIN ASSOCIATES

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

NO. ELEC- 90678 \$  
PURCHASE ORDER NO. C-30358

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input checked="" type="checkbox"/> PURCHASE FROM:		NON SAFETY <input type="checkbox"/>		SAFETY RELATED <input checked="" type="checkbox"/>	
VENDOR <b>INTERSTATE STEEL</b>				DATE <b>4-1-81</b>	PLAN NO. <b>IV</b>	PROJECT ENGINEER <i>[Signature]</i>	DATE <b>1 Apr 81</b>
STREET <b>1800 E. BYBERRY RD</b>				JOB REFERENCE <b>1026A</b>		QA MANAGER <i>[Signature]</i>	DATE <b>4/3-81</b>
CITY & STATE <b>PHILADELPHIA PA 19116</b>				CHARGE TO SUB-ACCOUNT NO. <b>3497232E</b>		POST ENGINEER <b>KD</b>	DATE <b>4 Apr 81</b>
ATTENTION <b>BILL SARLE 800/523-3340</b>				SHIP TO:		SPECIAL INSTRUCTIONS: <b>K-2999 MATERIAL FOR ELECTRICIAN</b>	
<input checked="" type="checkbox"/> CONFIRMING <input type="checkbox"/> NOT CONFIRMING							

REQUIRED DELIVERY DATE <b>4-23-81</b>	DELIVER TO AREA <b>PROJECT ELECTRICIANS</b>	<input type="checkbox"/> FOR RESALE	SHIP VIA	<input checked="" type="checkbox"/> TRUCK-PREPAID	<input type="checkbox"/> RAIL-PREPAID
		<input checked="" type="checkbox"/> TAXABLE	FOB	<input type="checkbox"/> FACTORY	<input checked="" type="checkbox"/> DESTINATION

QUANTITY	PART OR CAT. NO.	DESCRIPTION
10000		<b>1" X 1/4" X 1'-2" PLATES</b>
		<b>ASTM-A36</b>
		<b>TO BE USED FOR "AP" CONNECTION CONDUIT HANGER.</b>
		<b>CERTIFIED MATERIAL TEST REPORTS REQUIRED THAT INCLUDE THE ACTUAL RESULTS OF ALL CHEMICAL ANALYSIS and MECHANICAL TEST.</b>

DIVISION: <b>ELECTRICIANS</b> DEPT. MGR. APPR. <i>[Signature]</i>	TERMS: <b>1/20 1-10-30</b>	APPROVED BY <i>[Signature]</i> PROJECT MANAGER ILLINOIS POWER CO.
--	----------------------------	---

FORM JV-4 (5-78)  
 DISTRIBUTION: ORIGINAL - PURCHASING    GREEN - EXPEDITING    CANARY - APPROVER  
 WHITE - INVITE TO BID    BLUE - ORIGINATOR    WHITE - Q.A.  
 PINK - WAREHOUSE

WAREHOUSE

# REQUISITION

## BALDWIN ASSOCIATES

No. ELEC. 90648

PURCHASE ORDER NO. C-30358

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input checked="" type="checkbox"/> PURCHASE FROM:		NON SAFETY <input type="checkbox"/>		SAFETY RELATED <input checked="" type="checkbox"/>	
VENDOR <i>Interstate Steel</i>		DATE <i>3-25-81</i>	PLAN NO. <i>IV</i>	PROJECT ENGINEER <i>[Signature]</i>	DATE <i>75 March 25</i>		
STREET		JOB REFERENCE <i>1026A</i>		QA MANAGER <i>[Signature]</i>	DATE <i>3/31/81</i>		
CITY & STATE		CHARGE TO SUB-ACCOUNT NO. <i>3497232E</i>		POST ENGINEER <i>KO</i>	DATE <i>3/31/81</i>		
ATTENTION		SHIP TO:		SPECIAL INSTRUCTIONS: <i>K-2999 MATERIAL FOR ELECTRICIAN</i>			
<input checked="" type="checkbox"/> CONFIRMING <input type="checkbox"/> NOT CONFIRMING							

REQUIRED DELIVERY DATE <i>4-13-81</i>	DELIVER TO AREA <i>PROJECT ELECTRICIANS</i>	<input type="checkbox"/> FOR RESALE	SHIP VIA	<input checked="" type="checkbox"/> TRUCK-PREPAID	<input type="checkbox"/> RAIL-PREPAID
		<input checked="" type="checkbox"/> TAXABLE	FOB	<input type="checkbox"/> FACTORY	<input checked="" type="checkbox"/> DESTINATION

QUANTITY	PART OR CAT. NO.	DESCRIPTION
<i>700 PC</i>		<i>1/2" X 10" X 10" PLATES</i>
<i>500 PC</i>		<i>1/2" X 12" X 12" PLATES</i>
<i>600 FT</i>	<i>5,880#</i>	<i>L3 X 3 X 3/8 UNEQUAL LEG ANGLE</i>
<i>600 FT</i>	<i>2,460#</i>	<i>L3 X 2 X 1/4 UNEQUAL LEG ANGLE</i>
<i>— FINAL ITEM</i>		
<i>ALL MATERIALS ARE ASTM-A36</i>		
<i>CERTIFIED MATERIAL TEST REPORTS REQUIRED THAT INCLUDE THE ACTUAL RESULTS OF ALL CHEMICAL ANALYSIS AND MECHANICAL TEST.</i>		
<i>PLATES ARE TO BE USED FOR DV CONNECTIONS AND ANGLES FOR BEAM STIFFENERS.</i>		
<i>Purchased 4/1/81 Ship 4/22/81</i>		

REQUISITIONED BY <i>[Signature]</i>	TERMS: <i>NET-10-30</i>	APPROVED BY <i>[Signature]</i>
CRAFT: <i>ELECTRICIANS</i>	DEPT. MGR. APPR. <i>[Signature]</i>	PROJECT MANAGER <i>[Signature]</i>
		ILLINOIS POWER CO.



50 - All. I (A)

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

QUALITY CONTROL  
RECEIVING INSPECTION REPORT

RIR No. S-13618  
DATE 4-29-81  
SHEET 1 OF 1

**POSTED**

C.P.S. UNIT: 0

SAFETY     NON-SAFETY

DISPOSITION LEGEND:  
A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED  
NCR NO. \_\_\_\_\_

SPEC/REV/ADDN: K2999 Amy

REFERENCE DOCUMENTS:

DOCUMENTATION  
 CONFORMS     NO DOCUM. REQ.

VENDOR: Interstate Steel

BAP 23  
RI 30358

TAG TYPE \_\_\_\_\_

PO NO: C 30358

TAG NO. \_\_\_\_\_

ARRIVAL DATE: 4-29-81

ISSUED \_\_\_\_\_

CLEARED \_\_\_\_\_

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM	DATE	FINAL	DATE	INSPECTION LOCATION
					PRELIM	FINAL	DISPOSITION BY		DISPOSITION BY		
<u>750 ea</u>	<u>NP</u>	<u>NP</u>	<u>1" x 14" x 14" PLATES A36</u>	<u>S17871</u>		<u>A</u>			<u>WE</u>	<u>4/29/81</u>	<u>E11</u>

DRG  
REFERENCE COPY

BALDWIN ASSOCIATES  
RECEIVED

TRANSMITTAL # RI-1104

MAY 7 1981

DOCUMENT RECORD CENTER  
M. MASON

INSPECTED BY: [Signature]

DATE 4/29/81

COMMENTS:

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.): [Signature]

DATE 4/29/81

S-0 -All.1(A)

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

### QUALITY CONTROL RECEIVING INSPECTION REPORT

RIR No. S-13737

DATE 5-15-81

C.P.S. UNIT: 0

SAFETY     NON-SAFETY

SHEET 1 OF 1

SPEC/REV/ADDN: k-2999

REFERENCE DOCUMENTS:

DOCUMENTATION  
 CONFORMS     NO DOCUM. REQ.

DISPOSITION LEGEND:  
A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED

VENDOR: INTERSTATE STEEL

BAP 23

TAG TYPE \_\_\_\_\_

PO NO: C-30358

R1-30358

TAG NO. \_\_\_\_\_

ARRIVAL DATE: 5-11-81

ISSUED \_\_\_\_\_  
CLEARED \_\_\_\_\_

NCR NO. \_\_\_\_\_

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM DISPOSITION BY	DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL					
15 Ea	N/A	N/A	5" x 3" x 3/8" x 40' ANG A36	A 6548		A				5-15-81	ELL
15 Ea	↓	↓	3" x 2" x 1/4" ↓	B 734		↓				↓	↓
270	↓	↓	1" x 14" x 14" PLATES ↓	S-17871		↓				↓	↓
<u>req 13105</u>											

INSPECTED BY: Loring Sulzer

DATE 5-15-81

COMMENTS: \_\_\_\_\_

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.): [Signature]

DATE 5/21/81

CONTRACT NO: KPPF23K  
 ORDER NO: 010128PC4  
 COMMODITY: PLATE  
 CUSTOMER: 21  
 SPECIFICATION: ASTM A36

검사 증명서  
 MILL TEST CERTIFICATE

포항철강제강주식회사  
 POHANG IRON & STEEL CO., LTD.  
 8 DONGCHON DONG POHANG CITY KYEONGSAHNG DUK DO  
 증명서 번호: 80-P-1023-C-0013  
 발행년월일: 1982.10.22  
 DATE OF ISSUE: OCTOBER 22, 1982

DIMENSIONS	QUANTITY	WEIGHT (KG)	CHARGE NO.	PRODUCT NO.	TENSILE TEST		HEAT TREATMENT	CHEMICAL COMPOSITION (%)
					YIELD STRENGTH (MPa)	TENSILE STRENGTH (MPa)		
341 1"x84"x240"	2	5.166	518119	5082240	27.6	46.2	32	20 6 85 1919 2
*SUB TOTAL*	19	49.267	51871	5057700	28.1	44.5	30	21 6 99 2319 2
342 1"x72"x240"	4	8.888		5057710				
	4	8.888		5057720				
	4	8.888		5057730				
	4	8.888		5057740				
	4	8.888		5057750				
*SUB TOTAL*	24	53.328						
343 1"x60"x240"	4	7.408	517933	5058360	29.6	43.2	29	21 7 99 1820 1
	4	7.408		5058370				
	3	9.260		5058380				
	3	9.260		5058390				
	3	9.260		5058400				
	4	7.408		5058410				
*SUB TOTAL*	27	50.004						
344 1"x96"x288"	3	10.668	518016	5071140	27.1	43.6	30	19 6 02 914 2
	3	10.668	517337	5101370	34.0	48.4	27	23 6 86 2015 2
	3	10.668	517733	5101380	35.3	47.8	28	18 6 01 1227
	3	10.668	514215	5124130	29.1	42.6	28	20 7 80 1824 1
	2	7.212	514299	5182990	30.3	50.3	28	1825 90 2418 2
*SUB TOTAL*	14	49.784						
345 1"x96"x144"	5	8.890	510768	5071360	30.2	48.3	30	1725 90 1920 2
	5	8.890		5071370				

DRG  
 REFERENCE COPY  
 ASSOCIATES  
 82  
 QC  
 ACCEPT

WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND ALSO WITH THE REQUIREMENTS CALLED FOR BY THE ABOVE ORDER.

SURVEYSTATE STEEL SUPPLY CO. BALDWIN ASSOCIATES  
 Test Reports for  
 BALDWIN ASSOCIATES  
 CHEF OF PRODUCTS INSPECTION SECTION  
 TO BE CONTINUED  
 PAGE

S-10618

Your Order # C30358  
 Division # 33285

S-1

-III.1(A)

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

# QUALITY CONTROL RECEIVING INSPECTION REPORT POSTED

RIR No. S-13823

DATE 5/18/81

SHEET 1 OF 1

C.P.S. UNIT: 1      SAFETY      NON-SAFETY

SPEC/REV/ADDN: <u>K-2999-4</u>	REFERENCE DOCUMENTS: <u>BAP 2.3</u>	DOCUMENTATION
VENDOR: <u>INTERSTATE STEEL</u>	<u>B1# 30358</u>	<input checked="" type="checkbox"/> CONFORMS <input type="checkbox"/> NO DOCUM. REQ.
PO NO: <u>C-30358</u>		TAG TYPE _____
ARRIVAL DATE: <u>5/18/81</u>		TAG NO. _____
		ISSUED _____
		CLEARED _____

DISPOSITION LEGEND:

- A = CONFORMS
- H = HOLD
- C = CONDITIONAL ACCEPT
- S = ACCEPT STORAGE ONLY
- R = RETURNED OR SCRAPPED

NCR NO. \_\_\_\_\_

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM DISPOSITION BY	DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL					
700 EA	N/A	N/A	1/2" X 10" X 10" PLATE A36	S-19542		A				5/18/81	ELL
504 L	L	L	1/2" X 12" X 12" L L	L L	L L	L L				L L	L L

**BALDWIN ASSOCIATES  
RECEIVED**

**JUN 02 1981**

**DOCUMENT RECORD CENTER  
G. M. TOWNSEND**

DRG  
REFERENCE COPY

TRANSMITTAL # B1-133

INSPECTED BY: [Signature]     DATE 5/18/81

COMMENTS: \_\_\_\_\_

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Ex or/Insp.): [Signature]     DATE 5/18/81

# 수업금사증빙서 MILL TEST CERTIFICATE

계약번호 CONTRACT NO. K22411A  
 주문번호 ORDER NO.  
 품명 COMMODITY: PLATE  
 제품규격 SPECIFICATION: ASTM A36

수요기 CUSTOMER: ACWQ  
 주문처 SUPPLIER: CAE WOO

증서번호 CERTIFICATE NO. 80-P-1202-011-012  
 검사일자 DATE OF INSPECTION: DEC. 05, 1980

제품 규격 DIMENSIONS	중량 WEIGHT KG	재질번호 CHARGE NO.	제품번호 PRODUCT NO.	인장시험 TENSILE TEST		충격 IMPACT CHAR SIZE	화학 조성 (%) CHEMICAL COMPOSITION (%)						비고 REMARK											
				YP	TS		EL	%	C	S	P	S		CU	NI	CR	T	MO	V	MG	N			
1/2" X 72" X 240"	5,555	518642	5245440	34.6	51.029		21.6	85	1120															
	5,555		5245450																					
	5,555		5245460																					
	4,444		5245470																					
	5,555		5245480																					
	3,333		5245490																					
	5,555		5245500																					
	6,666	519542	5296910	26.6	44.624		16	80	1430															
	6,666		5296920																					
	6,666		5296930																					
	6,666		5296940																					
	6,666		5296950																					
	6,666		5296960																					
	6,666		5256970																					
	6,666		5296980																					
	6,666		5296990	30.3	48.723																			
*SUB TOTAL*	90	99,990																						
1/2" X 60" X 240"	4,630	F41997	5217860	29.7	45.727		1629	62	1623															
	5,556	F41371	5217870	32.7	49.623		1625	66	1617															
	5,556		5217880	31.2	48.126																			
	5,556	F41351	5250660	29.7	47.134		1625	65	1618															
	4,630		5250670	29.5	47.233																			
	5,556	F41447	5250680	30.7	46.830		1622	75	1920															
	5,556		5250690	29.6	47.627																			

V 19829

WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND ALSO WITH THE REQUIREMENTS CALLED FOR BY THE ABOVE ORDER.

TO BE CONTINUED

CHIEF OF PRODUCTS INSPECTION SECTION

포항철강제철주식회사 PAGE.

DRG  
REFERENCE COPY

INTERSTATE STEEL SUPPLY CO.  
Test Reports for:  
Baldwin Associates

acc pt  
19 May 81

Your Order # C30358  
 Requisition #  
 Our Invoice # 33286-1

# BALDWIN ASSOCIATES

(IN CLINTON)

## No. C 30359

### PURCHASE ORDER

FRUIN-COLNON CORPORATION      KELSO-BURNETT CO., INC.  
 McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.      POWER SYSTEMS, INC.  
 P.O. BOX 306      CLINTON, ILLINOIS 61727  
 PHONE 217 - 937-1111

Plan 4 - Safety Related

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE.

VENDOR  Interstate Steel Supply 1800 East Byberry Road Philadelphia, PA 19116 Attn: Bill	ROUTING			SHIP TO:  Clinton, IL
	TITLE	APPR.	DATE	
	DEPT. MGR.			
	PROJ. ENG.			
	Q.A. MGR.			
YOUR REFERENCE:	PROJ. MGR.	AREA	FOREMAN	
	PUR. MGR.		G. Fernandez	
DATE 4-17-81	TERMS 1/2-10-Net 30	CHARGE TO 1026A-3497232E	REQUISITION NO. 90717	SHIP VIA Destination

SEND FOUR COPIES OF ALL INVOICES TO: P. O. Box 306 Clinton, IL 61727	<input type="checkbox"/> FOR RESALE <input checked="" type="checkbox"/> TAXABLE	DELIVERY REQUIRED 4-20-81
--	--	------------------------------

QUANTITY	DESCRIPTION
1000 pcs	<p>Deliver the following in accordance with the purchase order terms and conditions            Form No. _____</p> <p><b>1/4" x 12" x 12" Plates</b></p> <p>All materials are ASTM-A36</p> <p>Certified material test reports required that include the actual results of all chemical analysis and mechanical test.</p> <p>All certificates of compliance, test reports, inspection reports, NDE records or other material certifications which are required by our Purchase Orders must be received before invoices will be processed for payment.</p> <p>ONE (1) COPY TO ACCOMPANY SHIPMENT            ONE (1) COPY TO BE MAILED</p> <p>ALL DOCUMENTATION WHICH IS TO BE MAILED SHOULD BE ADDRESSED TO:            BALDWIN ASSOCIATES, P. O. BOX 306, CLINTON, IL - 61727            ATTN: MANAGER OF QUALITY CONTROL</p> <p>CONFIRMING:            PLEASE SIGN AND RETURN ACCEPTANCE COPY IMMEDIATELY TO PURCHASING.</p>

ACCEPTED _____	BALDWIN ASSOCIATES	PER _____
FORM BA-5	AUTHORIZED SIGNATURE	AUTHORIZED SIGNATURE

EL

# REQUISITION

## BALDWIN ASSOCIATES

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

NO. ELEC- 90717 \$  
PURCHASE ORDER NO. C 30359

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input checked="" type="checkbox"/> PURCHASE FROM:		<input type="checkbox"/> NON SAFETY		<input checked="" type="checkbox"/> SAFETY RELATED	
VENDOR <b>INTERSTATE STEEL SUPPLY</b>		DATE <b>4-6-81</b>	PKR. NO. <b>IK</b>	PROJECT ENGINEER <i>[Signature]</i>		DATE <b>9 APR 81</b>	
STREET <b>1800 E. BYBERRY RD.</b>		JOB REFERENCE <b>102 BA</b>		QA MANAGER <i>[Signature]</i>		DATE	
CITY & STATE <b>PHILADELPHIA, PA. 19116</b>		CHARGE TO SUB-ACCOUNT NO. <b>3497232E</b>		COST ENGINEER <b>KD</b>		DATE <b>9 APR 81</b>	
ATTENTION <b>BILL</b>		SHIP TO:		SPECIAL INSTRUCTIONS: <b>R-2049 MATERIALS FOR ELECTRICIANS</b>			
<input checked="" type="checkbox"/> CONFIRMING		<input type="checkbox"/> NOT CONFIRMING					

REQUIRED DELIVERY DATE <b>4-20-81</b>	DELIVER TO AREA <b>PROJECT ELECTRICIANS</b>	<input type="checkbox"/> FOR RESALE	SHIP VIA	<input type="checkbox"/> TRUCK-PREPAID	<input type="checkbox"/> RAIL-PREPAID
	<input checked="" type="checkbox"/> TAXABLE		FOB	<input type="checkbox"/> FACTORY	<input type="checkbox"/> DESTINATION

QUANTITY	PART OR CAT. NO.	DESCRIPTION
<b>1000 PK</b>		<b>1/2" X 12" X 12" PLATES</b>
		<b>ALL MATERIALS ARE ASTM-A36</b>
		<b>CERTIFIED MATERIAL TEST REPORTS REQUIRED THAT INCLUDE THE ACTUAL RESULTS OF ALL CHEMICAL ANALYSIS AND MECHANICAL TEST.</b>
		<b>TO BE USED FOR "EP" ATTACHMENT.</b>
		<b>Purchased 4/16/81 JWS</b>
		<b>Ship 4/22</b>

TERMS: **12021-10-30**

REQUISITIONED BY  
*[Signature]*  
CRAFT: **ELECTRICIANS**

*[Signature]*  
DEPT. MGR. APPR.

APPROVED BY  
*[Signature]*  
PROJECT MANAGER  
*[Signature]*  
ILLINOIS POWER CO.  
**4-14**

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

# QUALITY CONTROL RECEIVING INSPECTION REPORT

RIR No. S-13738

DATE 5-11-81

C.P.S. UNIT: 0

SAFETY  NON-SAFETY

SHEET 1 OF 1

SPEC/REV/ADDN: K-2999 AM 4

REFERENCE DOCUMENTS:

DOCUMENTATION  
 CONFORMS  NO DOCUM. REQ.

DISPOSITION LEGEND:  
A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED

VENDOR: Interstate Steel

BAP 2.3

TAG TYPE \_\_\_\_\_

PO NO: C-30359

R1-30359

TAG NO. \_\_\_\_\_

ARRIVAL DATE: 5-11-81

ISSUED \_\_\_\_\_

CLEARED \_\_\_\_\_

NCR NO. \_\_\_\_\_



QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM DISPOSITION BY	DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL					
1008 ea	N/A	N/A	1/2" x 12" x 12" plates A36	5-17824		A				5-15-81	F/1
<p>BALDWIN ASSOCIATES RECEIVED MAY 28 1981 DOCUMENT RECORD CENTER F. M. JACKSON</p>											
<p>DRG REFERENCE COPY</p>											
<p>TRANSMITTAL # <u>R1-1125</u></p>											

PPQA  
Signature  
Date  
REVIEWED

REF. DRG

INSPECTED BY: Sonny Suhr

DATE 5-15-81

COMMENTS: \_\_\_\_\_

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.): PHOPE

DATE 5-18-81



ORDER NO. LC103801  
 QUANTITY 21 PLATE  
 CUSTOMER  
 SPECIFICATION: ASTM A36

MILL TEST CERTIFICATE  
 POHANG IRON & STEEL CO. LTD.  
 P.O. BOX 107, POHANG CITY, KOREA

CERTIFICATE NO. PC-P-1013-07-00012  
 DATE OF ISSUE: OCTOBER 13, 1980

DIMENSIONS	QUANTITY	WEIGHT (KG)	CHANGE NO.	PRODUCT NO.	TENSILE TEST		BEND TEST	IMPACT TEST	TREATMENT	CHEMICAL COMPOSITION (%)										
					YIELD STRENGTH (MPa)	TENSILE STRENGTH (MPa)				C	Mn	P	S	Si	Al	Ni	Cr			
1/2" X 96" X 240"	3	4446	S17824	1944760	31.2	46.9	24	GOOD		20	74	2935								
	3	4446		1944770				GOOD												
	3	4446		1944780				GOOD												
	3	4446		1944790				GOOD												
	3	4446		1944800				GOOD												
	3	4446		1944810				GOOD												
	3	4446		1944820				GOOD												
	3	4446		1944830				GOOD												
	3	4446		1944840				GOOD												
	3	4446		1944850				GOOD												
	3	4446		1944860				GOOD												
	3	4446		1944870				GOOD												
	3	4446		1944880				GOOD												
	3	4446		1944890				GOOD												
	3	4446		1944900				GOOD												
	3	4446		1944910				GOOD												
	4	5126	F26624	1956120	29.9	43.0	29	GOOD		20	71	715								
	4	5126		1956160				GOOD												
	4	5126		1956170				GOOD												
	4	5126		1956200				GOOD												
	4	5126	F46656	1962690	29.8	47.7	28	GOOD		17	81	1720								
	4	5126		1962700				GOOD												
*SUB TOTAL*	303	4491046		1934320	25.8	44.1	32	GOOD		1925	78	2429								
	4	7412	A36030	1934320				GOOD												

REVIEWED  
 Signature  
 Date



WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND ALSO WITH THE REQUIREMENTS CALLED FOR BY THE ABOVE ORDER.

INTERSTATE STEEL SUPPLY CO.  
 Test Reports for:

REFERENCE COPY  
 S-13780  
 3/13 214

# BALDWIN ASSOCIATES

(IN CLINTON)

Rider # 1 No. C 30359  
PURCHASE ORDER

FRUIN-COLNON CORPORATION

KELSO-BURNETT CO., INC.

McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC. POWER SYSTEMS, INC.

P.O. BOX 306 CLINTON, ILLINOIS 61727  
PHONE 217 - 937-1111

PLAN & SAFETY RELATED

THIS NUMBER MUST APPEAR ON ALL INVOICES,  
PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE.

VENDOR

Interstate Steel  
1800 E. Byberry Rd.  
Philadelphia, Pa 19116  
Attn: Bill Sarle

ROUTING

TITLE	APPR.	DATE
DEPT. MGR.		
PROJ. ENG.		
Q. A. MGR.		
PROJ. MGR.		
PUR. MGR.		

SHIP TO:

CLINTON, IL

AREA FOREMAN  
**G. Powell**

YOUR REFERENCE:

DATE

TERMS

CHARGE TO

REQUISITION NO.

SHIP VIA

F O B

3/9/84

n/a

1026A 3497232E

106493

Destination

SEND FOUR COPIES  
OF ALL INVOICES TO:

P.O. BOX 306  
CLINTON, IL 61727

FOR RESALE  
 TAXABLE N/A 3/7/84

N/A

DELIVERY REQUIRED

QUANTITY

DESCRIPTION

Deliver the following in accordance with the purchase order terms and conditions  
Form No. \_\_\_\_\_

Please add the following to P.O. C-30359, dated 4/17/81.

Std. quality requirements for Baldwin Associates Procurement, Form  
JV436 (1/78) apply to this Purchase Order as applicable.

Per QA Program Rev. 4 10-29-79

CONFIRMING:

PLEASE SIGN AND RETURN ACCEPTANCE COPY IMMEDIATELY TO PURCHASING.

BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_

AUTHORIZED SIGNATURE

PER *[Signature]* \_\_\_\_\_

AUTHORIZED SIGNATURE

ELEC

# REQUISITION BALDWIN ASSOCIATES

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

NO. CIV. 106493

PURCHASE ORDER NO. *30359*

*ORDER #1*  
*C30359*

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input checked="" type="checkbox"/> PURCHASE FROM:		NON SAFETY <input type="checkbox"/>		SAFETY RELATED <input checked="" type="checkbox"/>	
VENDOR <i>Interstate Steel</i>		DATE <i>2/22/84</i>	PLAN NO. <i>IV</i>	PROJECT ENGINEER <i>E. J. Doyle</i>		DATE <i>3/15/84</i>	
STREET <i>1800 E. Byberry Rd</i>		JOB REFERENCE <i>1826H</i>		QA MANAGER <i>SL</i>		DATE <i>3/15/84</i>	
CITY & STATE <i>Philadelphia, Pa 19116</i>		CHARGE TO SUB-ACCOUNT NO. <i>3477322E</i>		COST ENGINEER <i>slp</i>		DATE <i>3/15/84</i>	
ATTENTION <i>BILL SABLE</i>		SHIP TO:		SPECIAL INSTRUCTIONS:  <i>NIH</i> <i>Aug 3 7 84</i>			
<input checked="" type="checkbox"/> CONFIRMING <input type="checkbox"/> NOT CONFIRMING							

REQUIRED DELIVERY DATE <i>NA</i>	DELIVER TO AREA	<input type="checkbox"/> FOR RESALE	SHIP VIA	<input type="checkbox"/> TRUCK-PREPAID	<input type="checkbox"/> RAIL-PREPAID
		<input checked="" type="checkbox"/> TAXABLE	FOB	<input type="checkbox"/> FACTORY	<input checked="" type="checkbox"/> DESTINATION

QUANTITY	PART OR CAT. NO.	DESCRIPTION
		<i>Please add the following to PO C30359 DATED 4-17-81 TO INCLUDE THE FOLLOWING</i>
		<i>Standard Quality Requirements for Baldwin Associates Procurement, Form JV436 (1/78) apply to this purchase as applicable.</i>
		<i>Full Entry</i>
		<i>Jim 3/22/84</i>

REQUISITIONED BY <i>[Signature]</i>	APPROVED BY <i>[Signature]</i>
CRAFT:	DEPT. MGR. APPR. <i>[Signature]</i>
	PROJECT MANAGER <i>[Signature]</i>
	ILINOIS POWER CO. <i>[Signature]</i>

# BALDWIN ASSOCIATES

(IN CLINTON)

No. C 31024

PURCHASE ORDER

FRUIN-COLNON CORPORATION      KELSO-BURNETT CO., INC.  
 McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.      POWER SYSTEMS, INC.  
 P.O. BOX 306      CLINTON, ILLINOIS 61727  
 PHONE 217 - 937-1111

Plan 4 - Safety Related

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE.

VENDOR <b>Interstate Steel</b> 1800 East Byberry Road Philadelphia, PA 19116 Attn: Bill Sarle	ROUTING			SHIP TO:  <b>Clinton, IL</b>
	TITLE	APPR.	DATE	
	DEPT. MGR.			
	PROJ. ENG.			
	Q.A. MGR.			
YOUR REFERENCE:	PROJ. MGR.		AREA	FOREMAN <b>E. Muelhausen</b>
	PUR. MGR.		SHIP VIA	FOB <b>Destination</b>
DATE <b>5-21-81</b>	TERMS <b>1/2-10-Net 30</b>	CHARGE TO <b>1023A-7006502</b>	REQUISITION NO. <b>81245</b>	DELIVERY REQUIRED <b>6-3-81</b>
SEND FOUR COPIES OF ALL INVOICES TO: <b>P. O. Box 306 Clinton, IL 61727</b>		<input type="checkbox"/> FOR RESALE <input checked="" type="checkbox"/> TAXABLE		

QUANTITY	DESCRIPTION
	Deliver the following in accordance with the purchase order terms and conditions Form No. _____
1	653# 4' x 8' x 1/2" Plate, ASME SA-516 GR60
1	490# 4' x 8' x 3/8" Plate, ASME SA-516, GR 60
<p>The above material is to be used in permanent plant piping in ASME SECTION 3 CLASS II SERVICE. Certified material test reports with actual physical and chemical analysis required. State on ASTM certified material test reports that physicals and chemicals are identical to ASME specifications. Material is to be furnished in accordance with ASME SECTION 3 DIVISION I with summer 1974 addenda for use in nuclear class II service. Supplier must be qualified per sub-article NA-3700.</p> <p>The Standard Quality Requirements, Form JV-436 (1-78), apply to this Purchase Order as applicable.</p> <p>Per QA Program Rev. 4 10-29-79.</p> <p>All certificates of compliance, test reports, inspection reports, NDE records or other material certifications which are required by our Purchase Orders must be received before invoices will be processed for payment.</p> <p>ONE (1) COPY TO ACCOMPANY SHIPMENT ONE (1) COPY TO BE MAILED</p> <p>ALL DOCUMENTATION WHICH IS TO BE MAILED SHOULD BE ADDRESSED TO: BALDWIN ASSOCIATES, P. O. BOX 306, CLINTON, IL 61727 ATTN: MANAGER OF QUALITY CONTROL</p> <p>CONFIRMING: PLEASE SIGN AND RETURN ACCEPTANCE COPY IMMEDIATELY TO PURCHASING.</p>	

BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

FORM BA-6

MECH

RECEIVED

REQUISITION

NO. MECH- 81245

MAY 20 1981

BALDWIN ASSOCIATES

PURCHASE ORDER NO. C-31024

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

PRICE INQUIRY ONLY TO: **BALDWIN ASSOCIATES**  PURCHASE FROM:  NON SAFETY  SAFETY RELATED

VENDOR: **INTERSTATE STEEL** DATE: **5-18-81** PLAN NO.: **IV** PROJECT ENGINEER: **RM** DATE: **5/18/81**

STREET: **1800 E. BYBERRY RD.** JOB REFERENCE: **1023A** QA MANAGER: **PSW** DATE: **5-18-81**

CITY & STATE: **PHILADELPHIA, PA. 19116** CHARGE TO SUB-ACCOUNT NO.: **7006502** POST ENGINEER: **PSW** DATE: **5-18-81**

ATTENTION: **BILL SARLE 800/523-3340** SHIP TO: SPECIAL INSTRUCTIONS:

CONFIRMING  NOT CONFIRMING

REQUIRED DELIVERY DATE: **6-8-81** DELIVER TO AREA: **Witens LAYDOWN**  FOR RESALE  TAXABLE

SHIP VIA:  TRUCK-PREPAID  RAIL-PREPAID

FOB:  FACTORY  DESTINATION

QUANTITY	UNIT PRICE	PART OR CAT. NO.	DESCRIPTION	TOTAL PRICE
1	.85#	653#	4'x8'x1/2" PLATE, ASME SA-516, GR60	555.05
1	.85#	490#	4'x8'x3/8" -DO-	416.50
				<u>971.55</u>

The standard quality require of Spec JV-436 (1/78) applies to this p.o. as applicable.

Per QA Program Rev. 4 10-29-79

Purchased: 5/20/81

Ship 4/18/81

K-2587 AMOL

FOR HEAD FITTING MATERIAL (J.KEE)

EST COST: \$350

TERMS: ~~Net 10~~ - 10-30

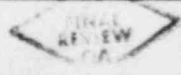
REQUISITIONED BY: S. Muckerman DEPT MGR APPR: [Signature] APPROVED BY: [Signature] PROJECT MANAGER

CRAFT: P.F.

ILLINOIS POWER CO

FORM JV-4 (5-78)

DISTRIBUTION: ORIGINAL - PURCHASING GREEN - EXPEDITING CANARY - APPROVER PURCHASING  
 WHITE - INVITE TO BID BLUE - ORIGINATOR WHITE - Q.A.  
 PINK - WAREHOUSE



BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

QUALITY CONTROL  
RECEIVING INSPECTION REPORT **POSTED**

RIR No. S-14215  
DATE 6-26-81  
PAGE 1 OF 1

C.P.S. UNIT: 0       SAFETY       NON-SAFETY

SPEC/REV/ADDN: K-2882-6      REFERENCE DOCUMENTS:  
VENDOR: Interstate Steel      BAP 2.3  
PO NO: C-31024      RI# 2882-6  
ARRIVAL DATE: 6-26-81

DOCUMENTATION  
 CONFIRMED     NO DOCUMENTS  
TAG TYPE  
TAG NO.  
ISSUED  
CLEARED

DISPOSITION LEGEND:  
A - CONFORMS  
H - HOLD  
C - CORRECTIVE ACTION ACCEPT  
S - ACCEPT STORAGE ONLY  
R - RETURNED OR SCRAPPED  
N.P. - NO

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	TEST NUMBER	DISPOSIT OF REJECTION	DATE	INSPECTION LOCATION
1 EA	N/A	N/A	1/2" x 48" x 96" Plate Steel	411C1371 <sup>Jm</sup>	A	6-30-81	PIL-8
1 ↓	↓	↓	3/8" x 48" x 96" ↓ ↓	59153C 65915	↓	↓	↓

BALDWIN ASSOCIATES  
RECEIVED

JUL 15 1981

DOCUMENT CONTROL CENTER  
A. M. NASH

TRANSMITTAL # RI-1184

INSPECTED BY: *Ed Matlock*

DATE 7-3-81

COMMENTS:

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp): *Wood Johnson*

DATE 7/6/81

REPORT OF TEST AND ANALYSIS

SHIPMENT NO. 409- 07154	DATE SHIPPED 04/06/78	CAR OR VEHICLE NO. CUST CUSTOMER	PG 1 LAST
----------------------------	--------------------------	-------------------------------------	-----------

RIR

S-14215  
H.K. Buchanan 6/19/84

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %	BOND
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH			IN.	%		
3925					160@9810	GD# 001-8977A		6874	1698	69		
3327		ASME SA516 GR 60			PVQ SUMMER 77 ADD							
					IN ACCORD ASME SECT 3*	NUCLEAR - VESSELS						
					FAINT 1 END BLACK & 2 STRIP YELLOW							
C 49018		411C1371	2	1/2	90	360	9188	39.2	60.7	8 29		OK
				1 pc 1/2 X 48 X 96"								
C 49019		411C1371	3	3/8	90	360	10338	43.7	63.2	8 24		OK

BEND TEST SA20S14

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

CHECKED TO APPLICATION  
PURCH  
DATE 4/12/78  
SIG [Signature]

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	TYPE	SIZE	DIR	TEST TEMP.	CHARPY IMPACT			DUCTILITY (%)			LAT. EXP. (MILS.)			
									1	2	3	1	2	3	1	2	3	
INTERSTATE STEEL SUPPLY CO. Test Reports for Baldwin Associates																		
Your Order #		C31024																
Requisition #																		
Our Invoice #		34849																

HEAT NUMBER	CHEMICAL ANALYSIS														McQUAY GRAM SIZE	
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	N	Al			
11C1371	.13	.76	.008	.030	.200											5240 78
Interstate Steel Supply Co. P.O. # 22294-3																

I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

E. B. SHELLY  
CHIEF METALLURGIST

Handwritten signature/initials

Order # C31024

Acquisition # 34849

Invoice #

MILL ORDER NO.

50301 2

CUSTOMER P.O.

DS1015

22681 WM  
L 3281



Page 14

PVN 51660N REV 2 80 SA-516 GR. 60 A-516-79B GR. 60/ASME CODE SECT. II & III SUB NF 1980 ED.  
THRU SUM. 1980 ADD. N-1160 8/4/81

BEND TEST  
D.K. HOMOGENEITY TEST

CHEMICAL ANALYSIS

MELT NO.	C	MN	P	S	CU	SI	NI	CR	MO	V	Ti	AL	B	GRAIN SIZE
B5915	.14	.72	.006	.006		.22								7-B

PHYSICAL PROPERTIES

MELT NO.	SLAB NO.	YIELD PSI X100	TENSILE PSI X100	% ELONG. IN 8"	% R.A.	IMPACTS	DESCRIPTION
B5915	3D	516	697	25			1- 3/8 X 96 X 480
B5915	3C	497	660	26			1- "
B5915	3B	527	690	24			1- "

Interstate Steel Supply Co. 524C  
P.O. # 22294-3

QA APPROV.

DATE: 3/12/81  
BY: Dried

1pc 3/8 X 48 X 96"

RIR  
S-14215



Affirmed and subscribed before me  
this.....day of..... MAR 2 1981

*Phillip A. Romandino Jr.*

Notary Public

My Commission Expires April 1, 1981

TESTS NORM., 1625-1675 F., HELD 1/2 HR. PER INCH MIN. AND AIR COOLED.

MERCURY OR MER MERCURY COMPOUNDS ARE NOT USED IN THE MANUFACTURE OF LUKENS' PRODUCTS.

I hereby certify the above information is correct.

SUPERVISOR-TESTING *[Signature]*



# BALDWIN ASSOCIATES

(IN CLINTON)

Rider # 1 No. C 31024

PURCHASE ORDER

FRUIN-COLNON CORPORATION

KELSO-BURNETT CO., INC.

McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC. POWER SYSTEMS, INC.

P.O. BOX 306

CLINTON, ILLINOIS 61727

PHONE 217 - 937-1111

PLAN 4 SAFETY RELATED

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE

VENDOR

Interstate Steel  
1800 E. Byberry Rd.  
Philadelphia, Pa. 19116  
Attn: Bill Sark

ROUTING

TITLE	APPR	DATE
DEPT. MGR.		
PROJ. ENG.		
Q.A. MGR.		
PROJ. MGR.		
PUR. MGR.		

SHIP TO:

CLINTON, IL

AREA

FOREMAN

B. Hong

YOUR REFERENCE:

F O B

DATE

TERMS

CHARGE TO

REQUISITION NO.

SHIP VIA

5/22/84

N/A

1023A 7006502P

90267

Destination

SEND FOUR COPIES OF ALL INVOICES TO:

P.O. BOX 306  
CLINTON, IL 61727

FOR RESALE

TAXABLE N/A 5/18/84

DELIVERY REQUIRED

N/A

QUANTITY

DESCRIPTION

Deliver the following in accordance with the purchase order terms and conditions

Form No. \_\_\_\_\_

Change our P.O. C-31024 to ADD:

Material to be furnished for use in ASME SECTION 3, DIVISION I Summer 1974 Addenda Subsection: NF: Class 2 Service. Supplier to be qualified per NA-3700- certified material test reports (chemical & physical) required with shipment. Code Case 1728 applies.

DELETE:

The above material is to be used in permanent plant piping in ASME SECTION 3 CLASS II SERVICE. Certified material test reports with actual physical and chemical analysis required. State on ASTM certified material test reports that physicals and chemicals are identical to ASME specifications. Material is to be furnished in accordance with ASME SECTION 3 DIVISION I with summer 1974 addenda for use in nuclear class II service. Supplier must be qualified per sub-article NA-3700.

Per QA Program Rev 5 10/1/80

Std. quality requirements per form JV436 (2/84) including 10CFR50 App-B & 10CFR21 apply to this order as applicable.

CONFIRMING:

PLEASE SIGN AND RETURN ACCEPTANCE COPY IMMEDIATELY TO PURCHASING.

BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_

AUTHORIZED SIGNATURE

PER \_\_\_\_\_

AUTHORIZED SIGNATURE

FORM BA-6

ME

# REQUISITION

## BALDWIN ASSOCIATES

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

NO. MECH- 90267

PURCHASE ORDER NO. C-31024

RIDER ~~71~~

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input checked="" type="checkbox"/> PURCHASE FROM:		<input type="checkbox"/> NON SAFETY		<input checked="" type="checkbox"/> SAFETY RELATED	
VENDOR <i>Interstate Steel</i>		DATE <i>5-4-84</i>	PLAN NO. <i>TR</i>	PROJECT ENGINEER		DATE	
STREET <i>1800 E. Byberry Rd</i>		JOB REFERENCE <i>1023A</i>		QA MANAGER <i>D. Sojda</i>		DATE <i>5/15/84</i>	
CITY & STATE <i>Philadelphia, Pa 19116</i>		CHARGE TO SUB-ACCOUNT NO. <i>7006502P</i>		COST ENGINEER <i>[Signature]</i>		DATE <i>5-7-84</i>	
ATTENTION <i>Bill Saxe</i>		SHIP TO:		SPECIAL INSTRUCTIONS:  <i>N/A</i>			
<input checked="" type="checkbox"/> CONFIRMING		<input type="checkbox"/> NOT CONFIRMING					
REQUIRED DELIVERY DATE <i>N/A</i>	DELIVER TO AREA <i>N/A</i>	<input type="checkbox"/> FOR RESALE	SHIP VIA	<input type="checkbox"/> TRUCK-PREPAID	<input type="checkbox"/> RAIL-PREPAID	<i>May 5-18-84</i>	
		<input checked="" type="checkbox"/> TAXABLE	FOB	<input type="checkbox"/> FACTORY	<input checked="" type="checkbox"/> DESTINATION		

QUANTITY	PART OR CAT. NO.	DESCRIPTION
		<i>CHANGE OUR P.O. C-24816 TO READ ADD: 31024</i>
	<i>MS-4-84</i>	<del>"MATERIAL TO BE USED IN ASME SEC. III, DIV. I,</del>
	<i>MS-4-84</i>	<del>SUB-SECTION NF, CLASS II OR III INSTALLATION</del>
	<i>MS-4-84</i>	<del>ONLY. CODE CASE 1728 APPLIES"</del>
		<i>MS-4-84 Final Entry</i>
		SECTION
		CLASSIFICATION: NF:
		CLASS & SUB-SECTION OF MATERIAL PER
		CONSTRUCTION REPORTS (CHEMICAL
		CONSTRUCTION REPORTS (CHEMICAL) CODE CASE 1728 APPLIES.
		<b>DELETE:</b>
	<i>MS-5-1-84</i>	The above material is to be used in permanent plant piping in A.S.M.E. SECTION 3 CLASS II SERVICE. Certified material test reports with metallography and chemical analysis required. Data on A.S.M.E. certified material test reports that physical properties meet ASME specifications. Material is to be qualified by procedures with ASME SECTION 3 DIVISION I with summer 1974 addenda for use in nuclear class II service. Supplier must be qualified per sub-article NA-3700.
		<i>Final Entry</i>
		<i>K-298A, AND 6</i>
		<i>PER Q.A. PROGRAM REV 5 10/1/80</i>
	TERMS:	<i>NA</i>

REQUISITIONED BY <i>[Signature]</i>	APPROVED BY <i>[Signature]</i> 5/16 PROJECT MANAGER
CRAFT: <i>[Signature]</i>	DEPT. MGR. APPR. <i>[Signature]</i> 5/17

# BALDWIN ASSOCIATES

(IN CLINTON)

Page 1 of 2

No. C 31099

PURCHASE ORDER

FRUIN-COLNON CORPORATION

KELSO-BURNETT CO., INC.

McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.

POWER SYSTEMS, INC.

P.O. BOX 306

CLINTON, ILLINOIS 61727

PHONE 217 - 937-1111

Plan 4 - Safety Related

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE.

VENDOR  Interstate Steel Supply Co. 1800 East Byberry Road Philadelphia, PA 19116 Attn: Bill Sarle	ROUTING			SHIP TO:  Clinton, IL
	TITLE	APPR.	DATE	
	DEPT. MGR.			
	PROJ. ENG.			
	Q.A. MGR.			
YOUR REFERENCE:	PROJ. MGR.		AREA	FOREMAN G. Fernandez
	PUR. MGR.			
DATE 5-28-81	TERMS 1/2-10-Net 30	CHARGE TO 1026A-3497232E	REQUISITION NO. 90374	SHIP VIA FOB Destination

SEND FOUR COPIES OF ALL INVOICES TO:	P. O. Box 306 Clinton, IL 61727	<input type="checkbox"/> FOR RESALE	DELIVERY REQUIRED 6-22-81
		<input checked="" type="checkbox"/> TAXABLE	

QUANTITY	DESCRIPTION	
	Deliver the following in accordance with the purchase order terms and conditions Form No. _____	
2000*	cwt	18,800# 3 1/2 x 2 1/2 x 1/2 Unequal Leg Angle
1500*	cwt	16,500# 4 x 3 x 1/2 " " "
1500*	cwt	7,350# 3 x 3 x 1/2 Equal " "
2000*	cwt	80,000# W8 x 40 W Shape
2000*	cwt	10,200# Bar 4 x 3/8 Flat Bar
2000*	cwt	12,800# Bar 5 x 3/8 Flat Bar
1000pc	ea	PL 1/2 x 14 1/2 14 Plate
600pc	ea	PL 5/8 x 14 x 14 Plate
300pc	ea	PL 3/8 x 7 x 7 Plate
300pc	ea	PL 3/4 x 9 x 9 Plate
2160*	ft	TS10 x 2 x 1/2 Structural Tubing: Rectangular
All materials are to be ASTM-A36 except structural tubing which is ASTM A500 Grade "B".		
Certified material test reports required that include the actual results of all chemical analysis and mechanical.		
All certificates of compliance, test reports, inspection reports, NDE records or other material certifications which are required by our		

BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

ELR

# BALDWIN ASSOCIATES

(IN CLINTON)

FRUIN-COLNON CORPORATION      KELSO-BURNETT CO., INC.  
McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.      POWER SYSTEMS, INC.  
P.O. BOX 306      CLINTON, ILLINOIS 61727  
PHONE 217 - 937-1111

Page 2 of 2

No. C 31099  
PURCHASE ORDER

Plan 4 - Safety Related

THIS NUMBER MUST APPEAR ON ALL INVOICES,  
PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE

VENDOR

Interstate Steel Supply Co.

ROUTING

TITLE	APPR.	DATE
DEPT. MGR.		
PROJ. ENG.		
Q A. MGR.		
PROJ. MGR.		
PUR. MGR.		

SHIP TO:

Clinton, IL

AREA

FOREMAN

G. Fernandez

YOUR REFERENCE:

DATE 5-28-81	TERMS 1/2-10-Net 30	CHARGE TO 1026A-3497232E	REQUISITION NO. 90874
-----------------	------------------------	-----------------------------	--------------------------

SHIP VIA

FOB  
Destination

SEND FOUR COPIES  
OF ALL INVOICES TO:

P. O. Box 306  
Clinton, IL 61727

FOR RESALE  
 TAXABLE

DELIVERY REQUIRED  
6-22-81

QUANTITY

DESCRIPTION

Deliver the following in accordance with the purchase order terms and conditions

Form No. \_\_\_\_\_:

Purchase Orders must be received before invoices will be processed for payment.

ONE (1) COPY TO ACCOMPANY SHIPMENT

ONE (1) COPY TO BE MAILED

ALL DOCUMENTATION WHICH IS TO BE MAILED SHOULD BE ADDRESSED TO:  
BALDWIN ASSOCIATES, P. O. BOX 306, CLINTON, IL 61727  
ATTN: MANAGER OF QUALITY CONTROL

CONFIRMING:

PLEASE SIGN AND RETURN ACCEPTANCE COPY IMMEDIATELY TO PURCHASING.

BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

# REQUISITION

## BALDWIN ASSOCIATES

NO. ELEC- 90874 \$

PURCHASE ORDER NO. C-31099

(IN CLUNTON)  
P.O. BOX 306, CLUNTON, ILLINOIS 617

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input checked="" type="checkbox"/> PURCHASE FROM:		NON SAFETY <input type="checkbox"/>		SAFETY RELATED <input checked="" type="checkbox"/>	
VENDOR <b>INTERSTATE STEEL SUPPLY CO</b>		DATE <b>5-11-81</b>	PLAN NO. <b>IX</b>	PROJECT ENGINEER <i>[Signature]</i>		DATE <b>5/17/81</b>	
STREET <b>1800 EAST BYBERRY ROAD</b>		JOB REFERENCE <b>1026A</b>		QUANTITY <b>12/1/81</b>		DATE <b>12/1/81</b>	
CITY & STATE <b>PHILADELPHIA, PA 19116</b>		CHARGE TO SUB-ACCOUNT NO. <b>3497232E</b>		COST ENGINEER <b>KAD</b>		DATE <b>12/1/81</b>	
ATTENTION <b>BILL SARLE</b>		SHIP TO:		SPECIAL INSTRUCTIONS: <b>K-2999 MATERIALS FOR ELECTRICIANS</b>			
<input checked="" type="checkbox"/> CONFIRMING <input type="checkbox"/> NOT CONFIRMING		<b>215/673-0300</b>					

REQUIRED DELIVERY DATE <b>6-22-81</b>	DELIVER TO AREA <b>PROJECT (ELECTRICIANS)</b>	<input type="checkbox"/> FOR RESALE	SHIP VIA <input type="checkbox"/> TRUCK-PREPAID <input type="checkbox"/> RAIL-PREPAID
		<input checked="" type="checkbox"/> TAXABLE	FOB <input type="checkbox"/> FACTORY <input checked="" type="checkbox"/> DESTINATION

QUANTITY	PART OR CAT. NO.	DESCRIPTION
2000 FT	18,800*	L3 1/2 X 2 1/2 X 1/2 UNEQUAL LEG ANGLE
1500 FT	16,500*	L4 X 3 X 1/2 UNEQUAL LEG ANGLE
500 FT	7,350*	L3 X 3 X 1/4 EQUAL LEG ANGLE
2000 FT		<del>M4 X 13 W SHAPE</del> <i>changed to 41008-C-3100</i>
2000 FT	80,000*	W 8 X 40 W SHAPE
2000 FT	10,200*	BAR 4 X 3/8 FLAT BAR
2000 FT	12,200*	BAR 5 X 3/8 FLAT BAR
2000 FT		PL 1/2 X 14 X 14 PLATE
600 RS		PL 5/8 X 14 X 14 PLATE
300 RS		PL 3/8 X 7 X 7 PLATE
300 RS		PL 3/4 X 9 X 9 PLATE
2000 FT		TS 10 X 2 X 1/4 STRUCT. TUBING: RECTANGULAR
<p>ALL MATERIALS ARE TO BE ASTM-A36 EXCEPT STRUCTURAL TUBING WHICH IS ASTM A500 GRADE "B". CERTIFIED MATERIAL TEST REPORTS REQUIRED THAT INCLUDE THE ACTUAL RESULTS OF ALL CHEMICAL ANALYSIS AND MECHANICAL</p> <p><i>Ordered 5/27/81 JAW FOR ET HANGERS</i></p> <p><i>Ship 6/17/81</i></p> <p>TERMS: <b>1/281-10-30</b></p>		

REQUISITIONED BY <i>[Signature]</i>	APPROVED BY <i>[Signature]</i>
CRAFT: <b>ELECTRICIANS</b>	PROJECT MANAGER <i>[Signature]</i>
DEPT. MGR. APPR.	ILINOIS POWER CO.

S-0

A1111A1

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

### QUALITY CONTROL RECEIVING INSPECTION REPORT

RIR No. S-14717  
DATE 6-26-81

C.P.S. UNIT 0 SAFETY  NON-SAFETY

SPEC/REV/ADDN K-2999 and 4 REFERENCE DOCUMENTS  
 VENDOR Interstate Steel TAG TYPE BAP 2.3  
 PO NO. C-31099 TAG NO. RI-2999  
 ARRIVAL DATE 6-26-81 CLEARED

QUANTITY AND UNIT	VEND SER OR CAT	EQUIP OR MPL NO	DESCRIPTION	HEAT NUMBER	DISPOSITION		NCR NO
					PRELIM	FINAL	
603 EA	N/A	N/A	5/8" x 14" x 14" Plates ASTM A36	F39964	A		
			BALDWIN ASSOCIATES RECEIVED				
			JUL 7 1981				
			DOCUMENT RECEIVED CENTER				
			R. LETTERLE				
			TRANSMITTAL #	1176			
							7-381 ELL

INSPECTED BY Todd Marshall DATE 7-3-81

COMMENTS

Distribution Original - Records  
 Pink & Green - Receiving  
 Yellow & Gold - Materials O.C.

FORM JV-10 (5/80)

REVIEWED BY Wood Johnson DATE 7/6/81

DRG  
REFERENCE COPY

INTERSTATE STEEL SUPPLY CO.

Test Reports from

Baldwin Associates

Your Order # 6-31099

Requisition # 35097

Our Inp. # 1000

사 증 명 서  
MILL TEST CERTIFICATE

포항종합제철주식회사  
POHANG IRON & STEEL CO., LTD.  
5 DONGCHON-DONG POHANG CITY KYONGSANG ILY-DO KOREA  
공 명 사 이 보 로  
CERTIFICATE NO. J0-F-1022-07-0008  
발 행 년 월 일  
DATE OF ISSUE OCTOBER 23, 1960

계약번호 LPP313K  
주문번호 LOT05EP04  
COMMODITY PLATE  
CUSTOMER  
제품명칭 AS-142

MILL	DIMS	QTY	WEIGHT	CHARGE NO.	PRODUCT NO.	TEST TYPE	CHEMICAL COMPOSITION (%)						HEAT NO.	
							C	Mn	P	S	Si	Al		
330	5/8" X 7.25" X 240"	4	51.560	F58964	1915320	32.6 47.8 30	0003	0.005	0.005	0.005	0.005	0.005	21 3 78 18 33	19 5 72 21 22 2 18 5 77 16 30
	"	3	41.70	"	1918330	"	0000	"	"	"	"	"	"	
	"	4	51.560	"	1922340	"	0000	"	"	"	"	"	"	
	"	3	41.70	"	1918350	"	0000	"	"	"	"	"	"	
	"	4	51.560	"	1928360	"	0000	"	"	"	"	"	"	
	"	4	51.560	"	1918370	"	0000	"	"	"	"	"	"	
	"	45.1870	"	"	"	"	0000	"	"	"	"	"	"	
331	*SUS TOTAL*	33	45.1870		0085120	51.2 48.3 27	0000	"	"	"	"	"	19 5 72 21 22 2	
	5/8" X 8.0" X 240"	1	11.528	517199	1937550	25.3 43.3 32	0000	"	"	"	"	"	18 5 77 16 30	
	"	4	41.632	517787	1937560	"	0000	"	"	"	"	"	"	
	"	4	41.632	"	1937570	"	0000	"	"	"	"	"	"	
	"	4	41.632	"	1937580	"	0000	"	"	"	"	"	"	
	"	4	41.632	"	1937590	"	0000	"	"	"	"	"	"	
	"	4	41.632	"	1937600	"	0000	"	"	"	"	"	"	
332	*SUB TOTAL*	44	50.952		1937610	"	0000	"	"	"	"	"	19 5 77 16 30	
	5/8" X 6.0" X 220"	4	41.632	"	1937620	"	0000	"	"	"	"	"	"	
	"	4	41.632	"	1937630	"	0000	"	"	"	"	"	"	
	"	4	50.952	"	"	"	0000	"	"	"	"	"	"	
	"	4	41.632	"	517787	1937430	29.5 44.8 31	0000	"	"	"	"	"	
	"	4	41.632	"	"	1937430	25.3 43.3 32	0000	"	"	"	"	"	
	"	4	41.632	"	"	1937440	"	0000	"	"	"	"	"	



TO BE L

WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND ALSO WITH THE REQUIREMENTS CALLED FOR BY THE ABOVE ORDER.

1000 TO

S-1 - ALL (A)

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

QUALITY CONTROL  
RECEIVING INSPECTION REPORT

RIR No. S-4236

DATE 6-29-81

C.P.S. UNIT: 1

SAFETY     NON-SAFETY

SHEET 1 OF 1

SPEC/REV/ADDN: K-2599 Am 4	REFERENCE DOCUMENTS:	DOCUMENTATION	DISPOSITION LEGEND: A = CONFORMS H = HOLD C = CONDITIONAL ACCEPT S = ACCEPT STORAGE ONLY R = RETURNED OR SCRAPPED NCR NO. _____	
	VENDOR: Interstate Steel	BAP 2.3		<input checked="" type="checkbox"/> CONFORMS <input type="checkbox"/> NO DOCUM. REQ.
	PO NO: C-31099	RI 31099		TAG TYPE _____
	ARRIVAL DATE: 6-29-81	BAP 3.2.2 level C		TAG NO. _____
		ISSUED _____		
		CLEARED _____		

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM. DATE OF DISPOSITION BY	FINAL DATE OF DISPOSITION BY	INSPECTION LOCATION
					PRELIM	FINAL			
1015 PCS	NA	NA	plate 1/2" x 14" x 14" A36	519542		A	6-29-81	ELL	
310 PCS	NA	NA	plate 3/4" x 9" x 9" A36	517810		A	6-29-81	ELL	

TRANSMITTAL # RI-1176

BALDWIN ASSOCIATES  
 RECEIVED  
 JUL 7 1981  
 DOCUMENT RECORDS CENTER  
 R. LETTERLE

INSPECTED BY: Tom Quagliaro    DATE 6-29-81

COMMENTS: \_\_\_\_\_

Distribution: Original-Records  
 Pink & Green-Receiving  
 Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.): *[Signature]*    DATE 7/6/81

FORM JV- (5/80)

DRG  
REFERENCE COPY



계약 번호  
CONTRACT NO. A22111A

포항철강시험연구소  
POHANG IRON & STEEL CO., LTD.  
MILL TEST CERTIFICATE

주요 품목  
COMMODITY: PLATE  
재질 규격  
SPECIFICATION: A17M A38

고객사  
CUSTOMER: ASWOO  
공급처  
SUPPLIER: CAE WOO

검사 일자  
CERTIFICATE NO. 89-2-14236-004-012  
DATE OF INSPECTION: DEC.09.1980

제 형 치 수 DIMENSIONS	중 량 WEIGHT KG	재질 번호 CHARGE NO.	제품 번호 PRODUCT NO.	인 장 시 험 TENSILE TEST			충격 IMPACT °C	금속 금속 SIZE	화 학 조 성 CHEMICAL COMPOSITION (%)								비고 REMARK						
				Y P	T S	E L			C	Mn	P	S	Cu	Ni	Cr	Ti		Mo	N				
																				KG/CM <sup>2</sup>	KG/CM <sup>2</sup>	%	%
1/2"X21"X240"	5,555	S18442	5245440	34.6	51.029		G		21	0.86	1120												
"	5,555	"	5245450	"	"		G		"	"	"												
"	5,555	"	5245460	"	"		G		"	"	"												
"	4,444	"	5245470	"	"		G		"	"	"												
"	5,555	"	5245480	"	"		G		"	"	"												
"	3,333	"	5245490	"	"		G		"	"	"												
"	5,555	"	5245500	"	"		G		"	"	"												
"	4,444	S19542	5296910	26.0	44.426		G		18	0.80	1430	2											
"	4,444	"	5296920	"	"		G		"	"	"												
"	4,444	"	5296930	"	"		G		"	"	"												
"	4,444	"	5296940	"	"		G		"	"	"												
"	4,444	"	5296950	"	"		G		"	"	"												
"	4,444	"	5296960	"	"		G		"	"	"												
"	4,444	"	5250970	"	"		G		"	"	"												
"	4,444	"	5296980	"	"		G		"	"	"												
"	4,444	"	5296990	"	"		G		"	"	"												
*SUB TOTAL*	90	99,990																					
1/2"X40"X240"	4,430	F41997	5217860	29.7	45.727		G		1629	62	1623	2											
"	4,556	F41371	5217870	32.7	49.623		G		1625	66	1617	2											
"	4,556	"	5217880	31.2	48.126		G		"	"	"												
"	4,556	F41351	5250660	29.7	47.134		G		1625	65	1418	2											
"	4,430	"	5250670	29.5	47.233		G		"	"	"												
"	4,556	F41447	5250680	30.7	46.630		G		1622	75	1920	2											
"	4,556	"	5250690	29.8	47.427		G		"	"	"												

BALDWIN ASSOCIATES  
RECEIVED  
JUL 7 1981  
DOCUMENT RECORDS CENTER  
R. LETTERLE



WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND ALSO WITH THE REQUIREMENTS CALLED FOR BY THE ABOVE ORDER.

TO BE CONTINUED

SURVEYOR TO:

CHIEF OF PRODUCTS INSPECTION SECTION

PL. CO. 58N 8139 80 3 4

INTERSTATE STEEL SUPPLY CO.

포항철강시험연구소 회사 페이지 PAGE:

Test Reports for:

Baldwin Associates

R I R

Your Order # C31099

S-14236

Requisition #

Our Invoice # 35097-1

DRG  
REFERENCE COPY

# DRG REFERENCE COPY

포항강철주식회사  
 POHANG IRON & STEEL CO., LTD.  
 500,000,000 원 (500,000,000,000 원)

## 검사 증명서 MILL TEST CERTIFICATE

CERTIFICATE NO. 802001023-07-021  
 DATE OF ISSUE OCTOBER 22, 1980

NO.	DIMENSIONS	QTY	WEIGHT	CHARGE NO.	PROJECT NO.	TENSILE		YIELD	ELONG.	BEND	IMPACT	TEST METHOD	REMARKS
						STRENGTH	ELONG.						
	*SUB TOTAL*	36	22,604										
	3/4" X 3/8" X 10"	8	5,352	F43293	1951706	55,000	25.0	30	1000				
		7	4,858		1951710	55,000			1000				
		8	5,252		1951720	55,000			1000				
		8	5,252		1951730	55,000			1000				
		8	5,252		1951740	55,000			1000				
		8	5,252		1951750	55,000			1000				
		8	5,252		1951760	55,000			1000				
		8	5,252		1951760	55,000			1000				
		8	5,252		1951760	55,000			1000				
	*SUB TOTAL*	71	49,274										
	3/4" X 3/8" X 10"	2	5,234	817298	1942310	55,000	21.6	27	1000				
		2	5,234	817281	1942320	55,000	21.6	27	1000				
		2	5,234	817810	1942330	55,000	21.6	27	1000				
		2	5,234	1942340	1942340	55,000			1000				
		2	5,234	1942350	1942350	55,000			1000				
		2	5,234	1942360	1942360	55,000			1000				
		2	5,234	1942370	1942370	55,000			1000				
		2	5,234	1942380	1942380	55,000			1000				
		2	5,234	1942390	1942390	55,000			1000				
		4	10,468	817537	1942370	55,000	21.6	27	1000				
	*SUB TOTAL*	19	59,673										
	3/4" X 3/8" X 10"	5	8,665	817810	1951760	55,000	27.7	28	1000				
		3	8,665		1951770	55,000			1000				
		5	8,665		1951780	55,000			1000				

**BALDWIN ASSOCIATES  
RECEIVED**  
**JUL 7 1981**  
**DOCUMENT RECORDS CENTER  
R. LETTERLE**



TO BE CONTINUED  
**RIR**  
 END OF TEST REPORT  
**S-14286**

WE HEREBY CERTIFY THAT THE MATERIAL WHICH HAS BEEN MADE AND TESTED IN  
 ACCORDANCE WITH THE ABOVE SPECIFICATION, TEST REPORTS FOR  
 CALLED FOR BY THE ABOVE ORDER, **Baldwin Associates**

Your Order # **C 31099**  
 Requisition # **35097-1**  
 Our Invoice # **35097-1**

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

QUALITY CONTROL  
RECEIVING INSPECTION REPORT **POSTED**

RIR No. S-13221

DATE 6-10-81

C.P.S. UNIT: 0

SAFETY  NON-SAFETY

SHEET 1 OF 1

SPEC/REV/ADDN: K-2999 <sup>AM4</sup>

REFERENCE DOCUMENTS:

DOCUMENTATION

CONFORMS  NO DOCUM. REQ.

DISPOSITION LEGEND:

- A = CONFORMS
- H = HOLD
- C = CONDITIONAL ACCEPT
- S = ACCEPT STORAGE ONLY
- R = RETURNED OR SCRAPPED

VENDOR: INTERSTATE STEEL

BAP 2.3

TAG TYPE

PO NO: C-31099

R1-31099

T&G NO.

ARRIVAL DATE: 5-4-81

ISSUED

CLEARED

NCR NO.

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM DISPOSITION BY	DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL					
300 EA	N/A	N/A	3/4" x 7x7" PLATE A-36	8158921		A				6-10-81	ELL
38 EA	↓	↓	4" x 3' x 1/2" x 40" ANGLE A-36	23651		↓				↓	↓
28 EA	↓	↓	3" x 3' x 1/4" x 40" ANGLE A-36	515318		↓				↓	↓

BALDWIN ASSOCIATES  
RECEIVED  
JUN 12 1981  
DOCUMENT RECORDS CENTER  
R. LETTERLE

INSPECTED BY: Sonny Sawyer

DATE 6-10-81

COMMENTS:

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

TRANSMITTAL # R1-1149

REVIEWED BY (Materials Q.C. Inscr/Insp.): [Signature]

D. 6/10/81

DRG  
REFERENCE COPY

ASTM A36 77A

ORDER TO: INTERSTATE STEEL SUPPLY CO  
1800 E. BYBERRY ROAD  
PHILA PA 19116

MILL ORD: 11697  
CUST ORD: 21083-B  
TRANS: TRUCK  
S/L # 5

CHEMICAL ANALYSIS						
HEAT	SERIAL	C	MN	P	S	
8158921	LADLE	.11	.42	.008	.024	

PHYSICAL TESTING										
HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD KSI	TENSILE KSI	ELONG. IN. %	R.A. %	FERRITIC GRAIN SIZE
8158921		.008	.375	96.00	240.00	41.8	65.6	8	24	

BEND TESTED AND FOUND ACCEPTABLE

BALDWIN ASSOCIATES  
RECEIVED

JUN 12 1981

DOCUMENT RECORDS CENTER  
R. LETTERLE

INTERSTATE STEEL SUPPLY CO.  
Test Reports for:

*Baldwin Assoc*

Your Order # C 31099

Requisition #

Our Invoice # 35096-3

REF  
C-18998

SUBSCRIBED AND SWORN TO ME

THIS DAY OF

031 NOTARY PUBLIC



I CERTIFY THE ABOVE TO BE  
CORRECT AS CONTAINED IN THE  
RECORDS OF THE CORPORATION.

*W.D. Alan*  
SUPV. OF TESTING, METALLURGICAL

DRG  
REFERENCE COPY

# BALDWIN ASSOCIATES

(IN CLINTON)

## No. C 32382

### PURCHASE ORDER

FRUIN-COLNON CORPORATION      KELSO-BURNETT CO., INC.  
 McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.      POWER SYSTEMS, INC.  
 P.O. BOX 306      CLINTON, ILLINOIS 61727  
 PHONE 217 - 937-1111

### Plan 4 - Safety Related

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE

VENDOR

Interstate Steel  
 1800 East Byberry Road  
 Philadelphia, PA 19116  
 Attn: Bill Sarle

ROUTING

TITLE	APPR.	DATE
DEPT. MGR.		
PROJ. ENG.		
Q.A. MGR.		
PROJ. MGR.		
PUR. MGR.		

SHIP TO:

Clinton, IL

YOUR REFERENCE:

AREA

FOREMAN

G. Fernandez

DATE 7-30-81	TERMS 1/2-10-Net 30	CHARGE TO 1026A-349820ZE	REQUISITION NO. 91292	SHIP VIA Truck PP	F O B Destination
-----------------	------------------------	-----------------------------	--------------------------	----------------------	----------------------

SEND FOUR COPIES OF ALL INVOICES TO:

P. O. Box 306  
 Clinton, IL 61727

FOR RESALE  
 TAXABLE

DELIVERY REQUIRED

Ship 8-11-81.

QUANTITY

DESCRIPTION

Deliver the following in accordance with the purchase order terms and conditions  
 Form No. \_\_\_\_\_

800'	/cwt	52807	5 x 3 x 1/2 Unequal Leg Angle
500'	/cwt	9900#	5 x 3 1/2 x 3/4 Unequal Leg Angle
1000pc	/ea		1/2 x 12 x 12 Plates
500pc	/ea		1/2 x 14 x 14 Plates

ASTM A-36. Certified material test reports required that include the actual results of all chemical analysis and mechanical test.

Per QA Program Rev 5 10-1-80.

All certificates of compliance, test reports, inspection reports, NDE records or other material certifications which are required by our Purchase Orders must be received before invoices will be processed for payment.

ONE (1) COPY TO ACCOMPANY SHIPMENT

ONE (1) COPY TO BE MAILED

ALL DOCUMENTATION WHICH IS TO BE MAILED SHOULD BE ADDRESSED TO:

BALDWIN ASSOCIATES

P. O. BOX 306

CLINTON, IL 61727

ATTN: MANAGER OF QUALITY CONTROL

CONFIRMING:

PLEASE SIGN AND RETURN ACCEPTANCE COPY IMMEDIATELY TO PURCHASING.

BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_

PER \_\_\_\_\_

FORM BA-6

AUTHORIZED SIGNATURE

AUTHORIZED SIGNATURE

EL

# REQUISITION BALDWIN ASSOCIATES

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

NO. ELEC. 91292 \$

PURCHASE ORDER NO. C-32382

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input checked="" type="checkbox"/> PURCHASE FROM:		<input type="checkbox"/> NON SAFETY		<input checked="" type="checkbox"/> SAFETY RELATED	
VENDOR <u>Interstate Steel</u>		DATE <u>13 JUN 81</u>		PLAN NO. <u>IV</u>		PROJECT ENGINEER <u>[Signature]</u> <u>13 JUN 81</u>	
STREET <u>1100 E. Byberry Rd</u>		JOB REFERENCE <u>1026A</u>		QA MANAGER <u>[Signature]</u> <u>7/5/81</u>		DATE	
CITY & STATE <u>Philadelphia, Pa 19116</u>		CHARGE TO SUB-ACCOUNT NO. <u>3498202E</u>		COST ENGINEER <u>KRO</u> <u>14 JUN 81</u>		DATE	
ATTENTION <u>Bill Sank</u> <u>800523-3340</u>		SHIP TO:		SPECIAL INSTRUCTIONS: <u>K-2999 MATERIALS FOR ELECTRICIANS</u>			
<input checked="" type="checkbox"/> CONFIRMING		<input type="checkbox"/> NOT CONFIRMING					

REQUIRED DELIVERY DATE <u>8-13-81</u>	DELIVER TO AREA <u>PROJECT (ELECTRICIANS)</u>	<input type="checkbox"/> FOR RESALE	SHIP VIA	<input checked="" type="checkbox"/> TRUCK-PREPAID	<input type="checkbox"/> RAIL-PREPAID
		<input checked="" type="checkbox"/> TAXABLE	FOB	<input type="checkbox"/> FACTORY	<input checked="" type="checkbox"/> DESTINATION

QUANTITY	PART OR CAT. NO.	DESCRIPTION
<u>800 FT</u>	<u>5280*</u>	<u>L5X3X1/4 UNEQUAL LEG ANGLE</u>
<u>500 FT</u>	<u>9900*</u>	<u>L5X3 1/2 X 3/4 UNEQUAL LEG ANGLE</u>
<u>1000 PC</u>		<u>1/2 X 12 X 12 PLATES</u>
<u>500 PC</u>		<u>1/2 X 14 X 14 PLATES</u>
<del>500 FT</del>	<del>5280*</del>	<del>L5X3X1/4 UNEQUAL LEG ANGLE</del>
		<u>ASTM-A36</u>
		<u>CERTIFIED MATERIALS TEST REPORTS REQUIRED THAT INCLUDE THE ACTUAL RESULTS OF ALL CHEMICAL ANALYSIS AND MECHANICAL TEST.</u>
		<u>FOR CONDUIT SUPPORT HANGERS</u>
		<u>Purchased 7/29/81 Ship 8/11/81</u>
		<u>TERMS: 10-10-30</u>

REQUISITIONED BY <u>[Signature]</u>	APPROVED BY <u>[Signature]</u>
CRAFT: <u>ELECTRICIANS</u>	DEPT. MGR. APPR. <u>78</u>
	PROJECT MANAGER <u>[Signature]</u>
	ILLINOIS POWER CO. <u>7-22</u>

S-1 - All. I (A)

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

### QUALITY CONTROL RECEIVING INSPECTION REPORT

*Posted*

RIR No. S-14653

DATE 8/17/81

*Page 9*

C.P.S. UNIT: 1

SAFETY     NON-SAFETY

SHEET 1 OF 1

SPEC/REV/ADDN: K2999 AM4

REFERENCE DOCUMENTS:

DOCUMENTATION  
 CONFORMS     NO DOCUM. REQ.

DISPOSITION LEGEND:  
A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED



VENDOR: INTERSTATE STEEL

BAP 1.5

TAG TYPE \_\_\_\_\_

PO NO: C-32382

BAP 2.3

TAG NO. \_\_\_\_\_

ARRIVAL DATE: 8/17/81

BAP 3.2.2 CLB

ISSUED \_\_\_\_\_

R12999

CLEARED \_\_\_\_\_

NCR NO. \_\_\_\_\_

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM DISPOSITION BY	DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL					
20 EA	N/A	N/A	5" X 3" X 1/4" X 40' C.S. ANGLE	12087		A				8/20/81	ELL-1
1000 EA	↓	↓	1/4" X 12" X 12" C.S. PLATES	540 K 8490		↓				↓	↓
500 EA	↓	↓	1/4" X 14" X 14" Y Y	↓		↓				↓	↓
<u>ALL ASTM A-36</u>											
<b>BALDWIN ASSOCIATES RECEIVED</b>											
AUG 25 1981											
<b>DOCUMENT RECORD CENTER F. M. JACKSON</b>											
TRANSMITTAL # <u>R1-1234</u>											

DRG REFERENCE

INSPECTED BY: Sally Martin

DATE 8/17/81

COMMENTS: ACCEPTED PER VD # 2455 8/20/81

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.): Jerry Ekus

DATE 8/24/81

*Page 11*

REPORT OF TEST AND ANALYSIS

PLANT: SPARROWS PT. SHIPMENT NO.: 410-68960 DATE SHIPPED: 6/08/80 LAB OR VEHICLE NO.: LIEDTKA TRKG.

S.N.	SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD KSI	TENSILE STRENGTH KSI	ELONG.	
				NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH			WT.	IN.
	CO# 5400					160@6875	GD-004-8778A'		6879/084051		
	5060		353BG ASME SA36		SUMMER 78 ADD/ASTM A36-77A		BEND TEST A6S14				
			540K8490	2	1/4	72	COIL	44,180#	59.2 41.0	73.5 69.0	8 26 2 31



INTERSTATE STEEL SUPPLY CO.  
Test Reports for:  
Baldwin Associates

S-14658 RIR

Your Order # C-32382  
Requisition #  
Our Invoice # 38712

**BALDWIN ASSOCIATES RECEIVED**

AUG 25 1981

DOCUMENT RECORD CENTER  
F. M. JACKSON

SERIAL NUMBER	HEAT NUMBER	THICKNESS	TYPE	SIZE	DIR.	TEST TEMP.	CHARPY IMPACT				DUCTILITY (%)			LAT
							ENERGY (FT. LBS.)				1	2	3	
							1	2	3	AVG.				

HEAT NUMBER	CHEMICAL ANALYSIS													
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Co	N	Al	
540K8490	.22	1.10	.011	.024	.012									

DRG REFERENCE COPY



I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.



# BALDWIN ASSOCIATES

(IN CLINTON)

Page 1 of 2

No. C 32391

PURCHASE ORDER

FRUIN-COLNON CORPORATION      KELSO-BURNETT CO., INC.  
 McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.      POWER SYSTEMS, INC.  
 P.O. BOX 306      CLINTON, ILLINOIS 61727  
 PHONE 217 - 937-1111

Plan 4 - Safety Related

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE.

VENDOR		ROUTING			SHIP TO:	
Interstate Steel Supply 1800 East Ryberry Road Philadelphia, PA 19116 Attn: Bill Sarle		TITLE	APPR.	DATE	Clinton, IL  AREA FOREMAN G. Fernandez	
		DEPT. MGR.				
		PROJ. ENG.				
		Q.A. MGR.				
		PROJ. MGR.				
YOUR REFERENCE:		PUR. MGR.				
DATE	TERMS	CHARGE TO	REQUISITION NO.	SHIP VIA	F O B	
7-30-81	10-10-Net 30	1026A-3517302E	91334	Truck PP	Destination	
SEND FOUR COPIES OF ALL INVOICES TO:		P. O. Box 306 Clinton, IL 61727		<input type="checkbox"/> FOR RESALE <input checked="" type="checkbox"/> TAXABLE		DELIVERY REQUIRED 8-10-81

QUANTITY	DESCRIPTION		
Deliver the following in accordance with the purchase order terms and conditions			
Form No. _____			
1000'	/cwt	15,000#	6 x 15 W Shape
500'	/cwt	6,500#	6 x 13 Standard Channel
600'	/cwt	19,500#	6 x 32.5 Structural Tee
500'	/cwt	1,600#	3/8 x 2-1/2 Flat Bar
600'	/cwt	4,080#	1/2 x 4 Flat Bar
500'	/cwt	6,800#	1/2 x 8 Flat Bar
500pc	/ea		1/4 x 8 x 8 Plate
500pc	/ea		1/4 x 8 x 9 Plate
500pc	/ea		3/8 x 12 x 12 Plate
500pc	/ea		1/2 x 2 x 6 Plate
25pc	/cwt	12,255#	3/8 x 4'0" x 8'0" Plate
400pc	/ea		3/4 x 12 x 12 Plate
500'	/cwt	8,100#	6 x 4 x 1/2 Unequal Leg Angle
Specification ASTM A-36. Certified material test reports required that include the actual results of all chemical analysis and mechanical tests. Per QA Program Rev 5 10-160.			

BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

FORM BA-6

*ELE*

# BALDWIN ASSOCIATES

(IN CLINTON)

FRUIN-COLNON CORPORATION      KELSO-BURNETT CO., INC.  
 McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.      POWER SYSTEMS, INC.  
 P.O. BOX 306      CLINTON, ILLINOIS 61727  
 PHONE 217 - 937-1111

Page 1 of 2

No. C 32391  
 PURCHASE ORDER

Plan 4 - Safety Related

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE

VENDOR

Interstate Steel Supply

ROUTING

TITLE	APPR.	DATE
DEPT. MGR.		
PROJ. ENG.		
Q.A. MGR.		
PROJ. MGR.		
PUR. MGR.		

SHIP TO:

Clinton, IL

AREA

FOREMAN  
G. Fernandez

YOUR REFERENCE:

DATE  
7-30-81

TERMS  
1/25-10-Net 30

CHARGE TO  
1026A-3517302E

REQUISITION NO.  
91334

SHIP VIA  
Truck PP

FOB  
Destination

SEND FOUR COPIES OF ALL INVOICES TO:

P. O. Box 306  
Clinton, IL 61727

FOR RESALE  
 TAXABLE

DELIVERY REQUIRED  
8-10-81

QUANTITY

DESCRIPTION

Deliver the following in accordance with the purchase order terms and conditions

Form No. \_\_\_\_\_

All certificates of compliance, test reports, inspection reports, NDE records or other material certifications which are required by our Purchase Orders must be received before invoices will be processed for payment.

ONE (1) COPY TO ACCOMPANY SHIPMENT  
 ONE (1) COPY TO BE MAILED

ALL DOCUMENTATION WHICH IS TO BE MAILED SHOULD BE ADDRESSED TO:  
 BALDWIN ASSOCIATES  
 P. O. Box 306  
 Clinton, IL 61727  
 Attn: Manager of Quality Control

CONFIRMING:

PLEASE SIGN AND RETURN ACCEPTANCE COPY IMMEDIATELY TO PURCHASING.

BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

FORM BA-6

EL

# REQUISITION

## BALDWIN ASSOCIATES

(IN CLUNTON)  
P.O. BOX 306, CLUNTON, ILLINOIS 61727

NO. ELEC- 91334 \$

PURCHASE ORDER NO. C-32391

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input checked="" type="checkbox"/> PURCHASE FROM:		<input type="checkbox"/> NON SAFETY		<input checked="" type="checkbox"/> SAFETY RELATED	
VENDOR <i>Interstate Steel Supply</i>		DATE <i>7-16-81</i>	PLAN NO. <i>IV</i>	PROJECT ENGINEER <i>[Signature]</i>		DATE <i>10/5/81</i>	
STREET <i>1800 E Byberry Rd</i>		JOB REFERENCE <i>1026A</i>		QA MANAGER <i>[Signature]</i>		DATE <i>7/18/81</i>	
CITY & STATE <i>Philadelphia, Pa. 19116</i>		CHARGE TO SUB-ACCOUNT NO. <i>3517302E</i>		COST ENGINEER <i>KRO</i>		DATE <i>10/14/81</i>	
ATTENTION <i>Bill Saule 800/23-3340</i>		SHIP TO:		SPECIAL INSTRUCTIONS: <i>K-2999 MATERIALS FOR ELECTRICIANS</i>			
<input checked="" type="checkbox"/> CONFIRMING <input type="checkbox"/> NOT CONFIRMING							

REQUIRED DELIVERY DATE <i>8-10-81</i>	DELIVER TO AREA <i>PROJECT (ELECTRICIANS)</i>	<input type="checkbox"/> FOR RESALE	SHIP VIA <input checked="" type="checkbox"/> TRUCK-PREPAID <input type="checkbox"/> RAIL-PREPAID
	<input checked="" type="checkbox"/> TAXABLE	FOB <input type="checkbox"/> FACTORY <input checked="" type="checkbox"/> DESTINATION	

QUANTITY	PART OR CAT. NO.	DESCRIPTION
<i>1000 FT</i>	<i>+ 15000*</i>	<i>W6 X15 W SHAPE</i>
<i>500 FT</i>	<i>+ 6500*</i>	<i>C6 X13 STANDARD CHANNEL</i>
<i>600 FT</i>	<i>+ 19500*</i>	<i>WT6 X32.5 STRUCTURAL TEE</i>
<i>500 FT</i>	<i>+ 1600*</i>	<i>BAR 3/8 X 2 1/2 FLAT BAR</i>
<i>600 FT</i>	<i>+ 4080*</i>	<i>BAR 1/2 X 4 FLAT BAR</i>
<i>500 FT</i>	<i>+ 6800*</i>	<i>BAR 1/2 X 8 FLAT BAR</i>
<i>500 RS</i>	<i>See</i>	<i>PL 1/4 X 8 X 8 PLATE</i>
<i>500 RS</i>	<i>See</i>	<i>PL 1/4 X 8 X 9 PLATE</i>
<i>500 RS</i>	<i>See</i>	<i>PL 3/8 X 12 X 12 PLATE</i>
<i>500 RS</i>	<i>See</i>	<i>PL 1/2 X 2 X 6 PLATE</i>
<i>25 RS</i>	<i>+ 12,255*</i>	<i>PL 3/8 X 4'-0" X 8'-0" PLATE</i>
<i>400 RS</i>	<i>See</i>	<i>PL 3/4 X 12 X 12 PLATE</i>
<i>500 FT</i>	<i>8,100*</i>	<i>L 6 X 4 X 1/2 UNEQUAL LEG ANGLE</i>
<p><b>SPECIFICATION ASTM-A36</b></p> <p><b>CERTIFIED MATERIALS TEST REPORTS</b></p> <p><b>REQUIRED THAT INCLUDE THE ACTUAL</b></p> <p><b>RESULTS OF ALL CHEMICAL</b></p> <p><b>ANALYSIS AND MECHANICAL TEST.</b></p> <p><i>7/29/81</i></p> <p><i>8/11/81</i></p> <p><b>TO BE USED FOR CONDUIT &amp;</b></p> <p><b>CABLE PAN HANGERS.</b></p>		

REQUISITIONED BY <i>[Signature]</i>	APPROVED BY <i>[Signature]</i>
CRAFT: <i>ELECTRICIANS</i>	DEPT. MGR. APPR. <i>[Signature]</i>
TERMS: <i>Net 30-10-30</i>	PROJECT MANAGER <i>[Signature]</i>
	ILLINOIS POWER CO. <i>[Signature]</i>

S-0

-All.1(A)

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

QUALITY CONTROL  
RECEIVING INSPECTION REPORT

POSTED

RIR No. S-14577

DATE 8.10.81

C.P.S. UNIT: 0

SAFETY  NON-SAFETY

SHEET 1 OF 1

SPEC/REV/ADDN: K-2999 <sup>Am.D#</sup> 4

REFERENCE DOCUMENTS:

DOCUMENTATION

CONFORMS  NO DOCUM. REQ.

DISPOSITION LEGEND:

A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED

VENDOR: Interstate Steel

BAP 2.3 BAP 1.5

TAG TYPE

PO NO: C-32391

BAP 3.2.2

TAG NO.

ARRIVAL DATE: 8.10.81

RI# K-2999

ISSUED

CLEARED

NCR NO.

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM. DATE	FINAL DATE	INSPECTION LOCATION
					PRELIM	FINAL			
13 Pcs.	N/A	N/A	6" x 13" x 40' Channel	181N611		A		8.14.81	ELL
25			3/8" x 2 1/2" x 20' Flat	14105					
30			1/2" x 4" x 20'	14544					
25			1/2" x 8" x 20' ↓	12399					
20			3/8" x 48" x 96" Plate	411N7321					
5 ↓	↓	↓	3/8" x 48" x 96" ↓	490N1831		↓		↓	↓

BALDWIN ASSOCIATES  
RECEIVED

AUG 17 1981

DOCUMENT RECORD CENTER  
F. M. JACKSON

DRG

REFERENCE COPY

TRANSMITTAL # H-1222

INSPECTED BY: *Ed Matak*

DATE 8.14.81

COMMENTS:

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.):

*Jerry Ekiss*

DATE 8/14/81

BETHLEHEM STEEL CORPORATION

METALLURGICAL DEPARTMENT

REPORT OF TEST AND ANALYSIS

SHIPMENT NO. 409-08035	DATE SHIPPED 05/13/81	CAR OR VEHICLE NO. CTFT CONTRACTORS TRANSPORT	PG 1 LAST
---------------------------	--------------------------	--	-----------

SOLD TO  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

SHIP TO  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY					YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %	BEND
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT			IN.	%		
002 21714-B					16004377		GD 003-1928A		8225	31	78	68	
3090		ASTM A36-77A											
		411N7321	20	3/8	48		96	9800	45.9	69.9	8	22	OK
									45.0	67.0	2	32	OK
		422N3681	11	3/8	48		96	5390	47.8	71.6	8	27	OK
									49.7	73.4	8	26	OK
		490N2051	10	3/8	48		96	4900	51.8	74.0	8	26	OK
									42.0	69.0	2	32	OK

INTERSTATE STEEL SUPPLY CO.  
Test Reports for:

HEAD TEST A6514

Baldwin Associates

S-14577

Your Order # C32391  
Requisition #  
Our Invoice # 38702

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	CHARPY IMPACT													
					TYPE	SIZE	DIR.	TEST TEMP.	ENERGY (FT. LBS.)				DUCTILITY (%)			LAT. EXP. (MILS.)		
									1	2	3	AVG.	1	2	3	1	2	3
DRG REFERENCE COPY																		

HEAT NUMBER	CHEMICAL ANALYSIS													McQUAID GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	N	Al	
411N7321	.20	1.04	.009	.016	.040									
22N3681	.18	1.10	.010	.014	.230									
90N2051	.17	1.12	.010	.022	.180									



I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

E. B. SMELLY  
CHIEF METALLURGIST

BETHLEHEM STEEL CORPORATION  
METALLURGICAL DEPARTMENT  
**REPORT OF TEST AND ANALYSIS**

AMT. SPARKS PT. 409- 08639 05/22/81 RDMT ROBBINS MTR PG 1 CONT

**SOLD TO**  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116



**SHIP TO**  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD KSI	TENSILE STRENGTH KSI	ELONG.		REC. %
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH			WT.	IN.	
CO# 21950-R					160@5215	GD# 003-2097		8225/023173			
3090	ASTM	A36-77A									
		421N1411	20	3/8	48	96	9800	54.5 40.1	75.3 71.2	8 20 8 25	OK OK
		422N6651	2	3/8	48	96	980	50.2 37.5	65.8 66.0	8 25 2 32	OK OK
		490N1831	10	3/8	48	96	4900	40.3 39.2	59.0 65.5	8 26 8 26	OK OK

**INTERSTATE STEEL SUPPLY CO.**  
Test Reports for:

BEND TEST A6514  
R R

Baldwin Associates

**S-14577**

Your Order # C32391  
Requisition #  
Our Invoice # 38702

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	TYPE	SIZE	DIR.	TEST TEMP.	CHARPY IMPACT				DUCTILITY (%)			LAT. EXP.	GRAIN SIZE
									ENERGY (FT. LBS.)								
									1	2	3	AVG.	1	2	3		

**DRG  
REFERENCE COPY**

HEAT NUMBER	CHEMICAL ANALYSIS													MCQUAY GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	N	Al	
421N1411	.22	1.14	.011	.024	.020									
422N6651	.18	1.05	.011	.014	.010									
490N1831	.21	.87	.007	.019	.013									



I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

**E. B. SHELLY**  
CHIEF METALLURGIST

S-1-AII.1(A)

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

QUALITY CONTROL  
RECEIVING INSPECTION REPORT

RIR No. S-14654

DATE 8/17/81

C.P.S. UNIT: 1

SAFETY  NON-SAFETY

SHEET 1 OF 1

SPEC/REV/ADDN: K2999 AM4

REFERENCE DOCUMENTS:  
BAP 1.5  
BAP 2.3  
BAP 3.2.2 CLB  
R12999

DOCUMENTATION  
 CONFORMS  NO DOCUM. REQ.  
TAG TYPE \_\_\_\_\_  
TAG NO. \_\_\_\_\_  
ISSUED \_\_\_\_\_  
CLEARED \_\_\_\_\_

DISPOSITION LEGEND:  
A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED  
NCR NO. \_\_\_\_\_

VENDOR: INTERSTATE STEEL

PO NO: C-32391

ARRIVAL DATE: 8/17/81

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM DISPOSITION BY	DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL					
500 EA	N/A	N/A	1/4" X 8" X 8" C.S. PLATES	540K8490		A				8/20/81	ELL-1
500 EA			1/4" X 8" X 9"								
500 EA			3/8" X 12" X 12"	486K2790							
500 EA			1/2" X 2" X 6"	530K2890							
13 EA			6" X 4" X 1/2" X 40' ANGLE	515434							

ALL ASTM A-36

BALDWIN ASSOCIATES  
RECEIVED

SEP -4 1981

DOCUMENT RECORDS CENTER  
C. A. RUSSELL

TRANSMITTAL # B1-1244

DRG  
REFERENCE COPY

INSPECTED BY: Scott Martin

DATE 8/17/81

COMMENTS: ACCEPTED PER VD#2454 8/20/81

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.):

Jerry Ekiss

DATE 8/20/81

REPORT OF TEST AND ANALYSIS

SPECIALS PT.

INSTRUMENT NO. 410-68980

DATE 6/06/80

PLANT OR OFFICE NO. LIEDKA TRKG.

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD KSI	TENSILE STRENGTH KSI	ELONG.		
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH			IN.	%	
5400					160@6875	GD-004-8778A'		6879/084051			
5060	533G	ASME SA36	SUMMER 78	ADD/ASTM A36-77A	BEND TEST A6S14						
		540K8490	2	1/4	72	COIL	44,180#	59.2 41.0	73.5 69.0	8 2	26 31

S-14658  
RIR  
5/27/81



LIEDKA STEEL SUPPLY CO.  
Test Reports for  
Baldwin Associates

Your Order # C32382 C32391  
Requisition #  
Our Invoice # 38711 9/14/84

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BOND	TYPE	SIZE	DIR.	TEST TEMP.	CHARPY IMPACT				DUCTILITY (%)				LAT
									ENERGY (FT. LBS.)				DUCTILITY (%)				
									1	2	3	AVG.	1	2	3	1	
DRG REFERENCE COPY																	

HEAT NUMBER	CHEMICAL ANALYSIS													
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Co	N	Al	
540K8490	.22	1.10	.011	.024	.012									

I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

110358

CHEF METALURGY







50

-III.(A)

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

QUALITY CONTROL  
RECEIVING INSPECTION REPORT

*Completed*

RIR No. S-14833

DATE 9.9.81

C.P.S. UNIT: 0

SAFETY  NON-SAFETY

SHEET 1 OF 1

SPEC/REV/ADDN: K-2999 <sup>AMD#</sup> 4

REFERENCE DOCUMENTS:

DOCUMENTATION  
 CONFORMS  NO DOCUM. REQ.

DISPOSITION LEGEND:

VENDOR: Interstate Steel

BAP 2.3 BAP 1.5

TAG TYPE \_\_\_\_\_

A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED

PO NO: C-32391

BAP 3.2.2

TAG NO. \_\_\_\_\_

ARRIVAL DATE: 9.8.81

RI# K-2999 <sup>AMD#</sup> 4

ISSUED \_\_\_\_\_

NCR NO. \_\_\_\_\_

CLEARED \_\_\_\_\_

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM DISPOSITION BY	DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL					
25 EA.	N/A	N/A	6" x 15" x 40' BEAM	A-36	180P751		A			9.10.81	ELL
399 EA	N/A	N/A	3/4" x 12" x 12" Plate	A-36	9215521		A			↓	↓

BALDWIN ASSOCIATES  
RECEIVED

SEP 16 1981

DOCUMENT RECORDS CENTER  
C. A. RUSSELL

*DRG  
REFERENCE COPY*

TRANSMITTAL # RI-1249

INSPECTED BY: *[Signature]*

DATE 9.10.81

COMMENTS: \_\_\_\_\_

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.): *Jerry Ekuss*

DATE 9/10/81

2/19

SPEC: ASTM A36 77A

SO TO: INTERSTATE STEEL SUPPLY CO  
1800 E. BYBERRY ROAD  
PHILA PA 19116

MILL ORD: 12307 B/L # 3  
CUST ORD: 22731-B  
TRANS: TRUCK

**CHEMICAL ANALYSIS**

HEAT	SERIAL	C	MN	P	S
9215521	LADLE	.11	.42	.008	.014
9220421	LADLE	.11	.52	.010	.018
9223821	LADLE	.12	.47	.014	.020

**PHYSICAL TESTING**

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG.	R.A.	FERRITIC
						KSI	KSI	IN. %	%	GRAIN SIZE
9215521		003	.750	96.00	240.00	47.2	65.6	8	26	
9220421		004	.750	96.00	240.00	47.0	71.7	8	26	
9223821		002	.750	96.00	240.00	43.3	65.4	8	28	

BEND TESTED AND FOUND ACCEPTABLE

RIR  
S-14833

INTERSTATE STEEL SUPPLY CO.

Test Reports for

*[Signature]*

Your Order # 332391

Required #

Our Invoice # 38950

RECEIVED

SUBSCRIBED AND SWORN TO ME

THIS DAY OF

NOTARY PUBLIC



I CERTIFY THE ABOVE TO BE  
CORRECT AS CONTAINED IN THE  
RECORDS OF THE CORPORATION.

*[Signature]*

SUPV. OF TESTING, METALLURGICAL

# BALDWIN ASSOCIATES

(IN CLINTON)

Page 1 of 2  
No. C 33251

PURCHASE ORDER

FRUIN-COLNON CORPORATION      KELSO-BURNETT CO., INC.  
McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.      POWER SYSTEMS, INC.  
P.O. BOX 306      CLINTON, ILLINOIS 61727  
PHONE 217 - 937-1111

Plan 4 - Safety RELATED

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE.

VENDOR	Interstate Steel 1800 E. Byberry Road Philadelphia, Pa. 19116 ATtn: BILL SARLE	ROUTING			SHIP TO:  Clinton, IL.
		TITLE	APPR.	DATE	
		DEPT. MGR.			
		PROJ. ENG.			
		Q.A. MGR.			
YOUR REFERENCE:				AREA	FOREMAN
					G. Fernandez

DATE	TERMS	CHARGE TO	REQUISITION NO.	SHIP VIA	FOB
9-21-81	1/2 of 1 - 10	1026A3497232-E	91582		Destination
SEND FOUR COPIES OF ALL INVOICES TO:		P.O. Box 306 Clinton, IL. 61727	<input type="checkbox"/> FOR RESALE <input checked="" type="checkbox"/> TAXABLE	DELIVERY REQUIRED 10-9-81	

QUANTITY	DESCRIPTION
Deliver the following in accordance with the purchase order terms and conditions Form No. _____	
1000 Ft	5/CMT      15,000#      M6X15 W Shape
500 Ft	5/CMT      1,000#      W8X18 W Shape
1000 Ft	5/CMT      20,000#      W8X24 W Shape
1000 Ft	0/CMT      4,100#      L2 1/2 X 2 1/2 X 1/4 Unequal Leg Angle
500 Ft	5/CMT      2,700#      C4 X 5.4 Standard Channel
600 Ft	5/CMT      4,350#      C4X7.25 Standard Channel
1000 PC	/Ea.      PL 3/8 X 8 X 8 Plates
25 PCS	5/CMT      16,336#      PL 1/2 X 4 X 8 Plates
2000 Ft	5'      TS 6 X 4 X 1/4 Struct. Tubing: Reccangular
2000 Ft	0/CMT      3,400#      Bar 2 X 1/4 Flat Bar
ASTM-A36 Except Structural Tubing which is ASTM-A500 Gr. B To be used for EIH & CPH Hangers Per QA Program REV. 5 10-1-80	

**BALDWIN ASSOCIATES**

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

FORM BA-6

*ELE*

# BALDWIN ASSOCIATES

(IN CLINTON)

Page 2 of 2

No. C 33251

PURCHASE ORDER

FRUIT COLNOR CORPORATION      KELSO-BURNETT CO., INC.  
 M-CARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.      POWER SYSTEMS, INC.  
 P.O. BOX 306      CLINTON, ILLINOIS 61727  
 PHONE 217 - 937-1111

Plan 4 - Safety Related

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE

VENDOR <b>Interstate Steel</b>	ROUTING			SHIP TO: <b>Clinton, IL.</b>
	TITLE	APPR.	DATE	
	DEPT. MGR.			
	PROJ. ENG.			
	Q.A. MGR.			
YOUR REFERENCE:				AREA <b>G. Fernandez</b>
				FOREMAN

DATE <b>9-21-81</b>	TERMS <b>1/2 of 1-10</b>	CHARGE TO <b>1026A3497232-E</b>	REQUISITION NO. <b>91582</b>	SHIP VIA <b>Destination</b>
SEND FOUR COPIES OF ALL INVOICES TO: <b>P.O. Box 306 Clinton, IL. 61727</b>			<input type="checkbox"/> FOR RESALE <input checked="" type="checkbox"/> TAXABLE	DELIVERY REQUIRED <b>10-9-81</b>

QUANTITY	DESCRIPTION
	<p>Deliver the following in accordance with the purchase order terms and conditions            Form No. _____</p> <p><b>All certificates of compliance, test reports, inspection reports, NDE records or other material certifications which are required by our Purchase Orders must be received before invoices will be processed for payment.</b></p> <p><b>ONE (1) COPY TO ACCOMPANY SHIPMENT</b>  <b>ONE (1) COPY TO BE MAILED</b></p> <p><b>ALL DOCUMENTATION WHICH IS TO BE MAILED, SHOULD BE ADDRESSED TO:            BALDWIN ASSOCIATES, P.O. BOX 306, CLINTON, IL. 61727            ATTN: MANAGER OF QUALITY CONTROL</b></p> <p><b>CONFIRMING:</b></p> <p><b>PLEASE SIGN AND RETURN ACCEPTANCE COPY IMMEDIATELY TO PURCHASING</b></p>

BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

PER \_\_\_\_\_ AUTHORIZED SIGNATURE  
*[Handwritten Signature]*

# REQUISITION

## BALDWIN ASSOCIATES

NO. ELEC- 91582 \$

PURCHASE ORDER NO. C-33251

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

PRICE INQUIRY ONLY TO:

PURCHASE FROM:

NON SAFETY

SAFETY RELATED

<p>INDOR: <u>Interstate Steel</u></p> <p>STREET: <u>1800 E. Byberry Rd</u></p> <p>CITY &amp; STATE: <u>Philadelphia Pa 19116</u></p> <p>ATTENTION: <u>Bell South 8001523-3340</u></p> <p><input checked="" type="checkbox"/> CONFIRMING    <input type="checkbox"/> NOT CONFIRMING</p>	<p>DATE: <u>8-20-81</u></p> <p>PLAN NO: <u>IV</u></p> <p>JOB REFERENCE: <u>1026A</u></p> <p>CHARGE TO SUB-ACCOUNT NO.: <u>3497232 E</u></p> <p>SHIP TO:</p>	<p>PROJECT ENGINEER: <u>[Signature]</u> DATE: <u>8/25/81</u></p> <p>QA MANAGER: <u>[Signature]</u> DATE: <u>8/25/81</u></p> <p>COS. ENGINEER: <u>RF</u> DATE: <u>8-24-81</u></p> <p>SPECIAL INSTRUCTIONS: <u>K-2999 MATERIALS FOR ELECTRICIANS</u></p>
--	---	--

REQUIRED DELIVERY DATE: <u>10/19/81</u>	DELIVER TO AREA: <u>PROJECT (ELECTRICIANS)</u>	<input type="checkbox"/> FOR RESALE <input checked="" type="checkbox"/> TAXABLE	SHIP VIA: <input type="checkbox"/> TRUCK-PREPAID	<input type="checkbox"/> RAIL-PREPAID <input checked="" type="checkbox"/> DESTINATION	<input type="checkbox"/> FOB <input type="checkbox"/> FACTORY
---	--	--	--	--	--

QUANTITY	PART OR CAT. NO.	DESCRIPTION
1000 FT	+ 15,000*	W6 X 15 W SHAPE
500 FT	+ 5,000*	W8 X 18 W SHAPE
1000 FT	+ 21,000*	W8 X 24 W SHAPE
1000 FT	+ 4,100*	L2 1/2 X 2 1/2 X 1/4 UNEQUAL LEG ANGLE
500 FT	+ 2,700*	C4 X 5.4 STANDARD CHANNEL
600 FT	+ 4,350*	C4 X 7.25 STANDARD CHANNEL
1000 PL	See	PL 3/8 X 8 X 8 PLATES
25 PL	+ 1,633/6*	PL 1/2 X 4 X 8 PLATES
2000 FT		TS 6 X 4 X 1/4 STRUCT. TUBING: RECTANG
2000 FT	+ 3,400*	BAR 2 X 1/4 FLAT BAR
ALL ABOVE LISTED MATERIALS ARE <b>ASTM - A36</b> EXCEPT STRUCTURAL TUBING WHICH IS <b>ASTM - A500 GR. B</b>  TO BE USED FOR EIH + CPH HANGERS		
<p><i>Purchased 9/17/81 jaw</i></p> <p><i>Ship 10/1/81</i></p>		

REQUISITION NO. <u>[Signature]</u> CRAFT: <u>ELECTRICIANS</u>	TERMS: <u>1/291-10</u> DEPT. MGR. APPR. <u>[Signature]</u>	APPROVED BY <u>[Signature]</u> PROJECT MANAGER <u>[Signature]</u> ILLINOIS POWER CO. 8-31
--	---	--

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

QUALITY CONTROL  
RECEIVING INSPECTION REPORT

*Completed*

RIR No. S-15056

DATE 10-2-81

SHEET 1 OF 1

C.P.S. UNIT: 0

SAFETY  NON-SAFETY

SPEC/REV/ADDN: K 2999/5  
VENDOR: INTERSTATE STEEL  
PO NO: C-33251  
ARRIVAL DATE: 10-2-81

REFERENCE DOCUMENTS:  
B.A.P. 2.3  
B.A.P. 3.2.2.  
B.A.P. 1.5  
R.I. 2999

DOCUMENTATION  
 CONFORMS  NO DOCUM. REQ.  
TAG TYPE \_\_\_\_\_  
TAG NO. \_\_\_\_\_  
ISSUED \_\_\_\_\_  
CLEARED \_\_\_\_\_

DISPOSITION LEGEND:  
A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED  
NCR NO. \_\_\_\_\_

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM DISPOSITION BY	DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL					
1000 Pcs	N/A	N/A	3/8" X 8" X 8" PLATES ASTM A 36	486K2790 ✓		A				10-7-81	ELL
50			2 1/2" X 2 1/2" X 1/4" 20" ANGLE	212152 ✓							
13			4 X 5.4 X 40" CHANNEL	415430 ✓							
15			4 X 7.25 X	182K162 ✓							
25			1/2" X 48" X 96" PLATES	8201721 ✓							
100' ↓	↓	↓	4 X 2 X 20" FLAT STOCK ↓	14809 ✓		↓				↓	↓

BALDWIN ASSOCIATES  
RECEIVED  
OCT 21 1981  
DOCUMENT RECORDS CENTER  
R. LETTERLE

DRG  
REFERENCE COPY

TRANSMITTAL # R1-1282

INSPECTED BY: *Jay Sprague*

DATE 10-7-81

COMMENTS:

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.): *John Shelley*

DATE 10-7-81



BETHLEHEM STEEL CORPORATION  
METALLURGICAL DEPARTMENT  
REPORT OF TEST AND ANALYSIS

MS 10-3-78

SPARROWS PT.	SHIPMENT NO 510-49830	DATE SHIPPED 06/06/80	CAR OR VEHICLE NO LIEDTKA TRKG.
--------------	--------------------------	--------------------------	------------------------------------

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD STRENGTH	TENSILE STRENGTH	BLONG.		REMARKS	
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH			DL	%		
CO# 4980 4362		486K2790	1	3/8	72	COIL	22,648	59.4	74.6	8	26	
		486K2790	1	3/8	60	COIL	24,360	41.0	69.0	2	32	
INTERSTATE STEEL SUPPLY CO. Test Reports for Baldwin Associates												

RIR

S-15056

Your Order # C33251  
 Requisition #  
 Our Invoice # 40825

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARDENING	CHARPY IMPACT														
					TYPE	SIZE	DIR.	TEST TEMP.	ENERGY (FT. LBS.)				DUCTILITY (%)			LAT. EXP.			
										1	2	3	AVG.	1	2	3	1	2	



HEAT NUMBER	CHEMICAL ANALYSIS													
	C	Mn	P	S	Si	Cu	NI	Cr	Mo	V	Cb	N	Al	
486K2790	.21	1.10	.011	.024	.012									

DRG  
REFERENCE COPY

I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

E. B. SHELLY  
CHIEF METALLURGIST

PHOENIX STEEL CORPORATION  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

08/23/81  
 PAGE 1

SPEC: ASTM A36 77A

SOLD TO: INTERSTATE STEEL SUPPLY CO  
 1800 L. BYDERRY ROAD  
 PHILA PA 19116

MILL ORD: 12402  
 CUST ORD: 23141B  
 TRANS: TRUCK

B/L #

CHEMICAL ANALYSIS						
HEAT	SERIAL	C	MN	P	S	
8201721	LADLE	.10	.38	.008	.018	
9221521	LADLE	.10	.48	.008	.017	
9227721	LADLE	.12	.49	.010	.018	

PHYSICAL TESTING										
HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD KSI	TENSILE KSI	ELONG. IN. %	R.A. %	FERRITIC GRAIN SIZE
8201721		009	.500	96.00	240.00	37.3	61.8	8	28	
9221521		002	.500	96.00	240.00	37.8	63.9	8	29	
9227721		002	.500	96.00	240.00	44.9	67.0	8	29	



INTERSTATE STEEL SUPPLY CO.  
 Test Reports for:  
 Baldwin Associates

Your Order # C 33251  
 Requisition #  
 Our Invoice # 40825

DRG  
 REFERENCE COPY

RIR

S-15056

SUBSCRIBED AND SWORN TO ME

THIS DAY OF

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.

*H. Wolfe*

SUPV. OF TESTING, METALLURGICAL

NOTARY PUBLIC

# BALDWIN ASSOCIATES

(IN CLINTON)

No. C 34282

PURCHASE ORDER

FRUIN-COLNON CORPORATION      KELSO-BURNETT CO., INC.  
 McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.      POWER SYSTEMS, INC.  
 P.O. BOX 306      CLINTON, ILLINOIS 61727  
 PHONE 217 - 937-1111

Plan 4 - Safety Related

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE

VENDOR  <b>Interstate Steel 1800 East Byberry Philadelphia, PA 19116 Attn: Bill Sarle</b>	ROUTING			SHIP TO:  <b>Clinton, IL</b>
	TITLE	APPR	DATE	
	DEPT. MGR.			
	PROJ. ENG.			
	Q.A. MGR.			
YOUR REFERENCE:				AREA
				FOREMAN <b>G. Fernandez</b>

DATE <b>11-16-81</b>	TERMS <b>1/2-10-Net 30</b>	CHARGE TO <b>1026A-8497232E</b>	REQUISITION NO. <b>91891</b>	SHIP VIA <b>Destination</b>
SEND FOUR COPIES OF ALL INVOICES TO: <b>P. O. Box 306 Clinton, IL 61727</b>			<input type="checkbox"/> FOR RESALE <input checked="" type="checkbox"/> TAXABLE	DELIVERY REQUIRED <b>Ship 11-30-81</b>

QUANTITY	DESCRIPTION
	Deliver the following in accordance with the purchase order terms and conditions Form No. _____
500'	cwt      2050#      3 x 2 x 1/2 Unequal Leg Angle
1000pcs	ea      1/2 x 10 x 10 Plates
1000pcs	ea      1/2 x 11 x 11 Plates
1000'	ea'      TS2 x 2 x 1/2 Structural Tubing: Square
1000'	ea'      TS4 x 4 x 1/2 Structural Tubing: Square
All above materials are ASTM A36 except structural tubing which is AS 1 A500 GR "B".	
To be used for conduit and cable pan hangers.	
CMTR's required.	
All certificates of compliance, test reports, inspection reports, NDE records or other material certifications which are required by our Purchase Orders must be received before invoices will be processed for payment.	
ONE (1) COPY TO ACCOMPANY SHIPMENT ONE (1) COPY TO BE MAILED	
ALL DOCUMENTATION WHICH IS TO BE MAILED SHOULD BE ADDRESSED TO: BALDWIN ASSOCIATES, P. O. BOX 306, CLINTON, IL 61727 ATTN: MANAGER OF QUALITY CONTROL	
PER QA Program Rev. 5      10-1-80.	
CONFIRMING:	
PLEASE SIGN AND RETURN ACCEPTANCE COPY IMMEDIATELY TO PURCHASING.	

BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

*EL*

# REQUISITION BALDWIN ASSOCIATES

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

NO. ELEC- 91891 \$

PURCHASE ORDER NO. C-34282

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input checked="" type="checkbox"/> PURCHASE FROM:		NON SAFETY <input type="checkbox"/>		SAFETY RELATED <input checked="" type="checkbox"/>	
VENDOR <i>Interstate Steel</i>		DATE <i>10-8-81</i>	PLAN NO. <i>II</i>	PROJECT ENGINEER <i>[Signature]</i>		DATE <i>10-9-81</i>	
STREET <i>1800 E Byberry</i>		JOB REFERENCE <i>1026A</i>		JOB MANAGER <i>[Signature]</i>		DATE <i>10-9-81</i>	
CITY & STATE <i>Philadelphia, Pa 19116</i>		CHARGE TO SUB-ACCOUNT NO. <i>3497232E</i>		POST ENGINEER <i>RF</i>		DATE <i>10-9-81</i>	
ATTENTION <i>Bill Dacle</i>		SHIP TO:		SPECIAL INSTRUCTIONS: <i>K-2999 MATERIALS FOR ELECTRICIANS</i>			
<i>800/523-3340</i>							
<input checked="" type="checkbox"/> CONFIRMING		<input type="checkbox"/> NOT CONFIRMING					

REQUIRED DELIVERY DATE <i>10-26-81</i>	DELIVER TO AREA <i>PROJECT (ELECTRICIANS)</i>	<input type="checkbox"/> FOR RESALE	SHIP VIA	<input type="checkbox"/> TRUCK-PREPAID	<input type="checkbox"/> RAIL-PREPAID
		<input checked="" type="checkbox"/> TAXABLE	FOB	<input type="checkbox"/> FACTORY	<input checked="" type="checkbox"/> DESTINATION

QUANTITY	PART OR CAT. NO.	DESCRIPTION
<i>500 FT</i>	<i>#2050#</i>	<i>L3X2 X 1/4 UNEQUAL LEG ANGLE</i>
<i>1000 PCS</i>	<i>12</i>	<i>1/2 X 10 X 10 PLATES</i>
<i>1000 PCS</i>	<i>12</i>	<i>1/2 X 11 X 11 PLATES</i>
<i>1000 FT</i>	<i>TS</i>	<i>2 X 2 X 1/4 STRUCTURAL TUBING: SQUARE</i>
<i>1000 FT</i>	<i>TS</i>	<i>4 X 4 X 1/4 STRUCTURAL TUBING: SQUARE</i>
<i>ALL ABOVE MATERIALS ARE ASTM-A36 EXCEPT STRUCTURAL TUBING WHICH IS ASTM-A500 GR. "B"</i>		
<i>TO BE USED FOR CONDUIT AND CABLE PAN HANGERS.</i>		
<i>C.M.T.R.'s required</i>		
<i>Purchased 11/13/81 JAW</i>		
<i>Ship 11/30/81</i>		
TERMS: <i>1/20K-10-30</i>		

REQUISITIONED BY <i>[Signature]</i>	APPROVED BY <i>[Signature]</i>
CRAFT: <i>ELECTRICIANS</i>	PROJECT MANAGER <i>[Signature]</i>
DEPT. MANAGER <i>[Signature]</i>	ILLINOIS POWER CO. <i>[Signature]</i>

FORM JV-4 (5-78)

DISTRIBUTION: ORIGINAL - PURCHASING    GREEN - EXPEDITING    CANARY - APPROVER  
WHITE - INVITE TO BID    BLUE - ORIGINATOR    WHITE - Q.A.    WAREHOUSE

*10/16*

RECEIVED  
MAY 10 1984

**REQUISITION**  
**BALDWIN ASSOCIATES**  
(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

NO. CIV. 109759

PURCHASE ORDER NO. *M. Schilawski*

*pg. 1 of 2 Rider #1*

PRICE INQUIRY ONLY TO: *ASSOCIATE*  PURCHASE FROM:  NON SAFETY  SAFETY RELATED

VENDOR: *Interstate Steel* DATE: *4-16-84* PLAN NO.: *III* PROJECT ENGINEER: *E. Doeffert* DATE: *4-19-84*

STREET: *1800 E. Byberry Rd.* JOB REFERENCE: SA MANAGER: *VC* DATE: *4-19-84*

CITY & STATE: *Philadelphia, PA 19116* CHARGE TO SUB ACCOUNT NO.: *71/A* COST ENGINEER: *Shp* DATE: *4-20-84*

ATTENTION: *BILL GARLE* SHIP TO: SPECIAL INSTRUCTIONS: *N/A*

CONFIRMING  NOT CONFIRMING

BY: *MY 4-30-84*

REQUIRED DELIVERY DATE: *NA* DELIVER TO AREA:  FOR RESALE  TAXABLE

SHIP VIA:  TRUCK-PREPAID  RAIL-PREPAID  DESTINATION

FOR:  FACTORY

QUANTITY	UNIT PRICE	PART OR CAT. NO.	DESCRIPTION	TOTAL PRICE
Please add the following to the Purchase Orders listed below:				
Std. quality requirements per form JV436 (1/76) including 10CFR50, App-B & 10CFR21 apply to this order as applicable.				
			<i>C-34806<sup>P1</sup> dated 12-22-81</i>	
			<i>C-35720 R1 2-24-82</i>	
			<i>C-36563 R1 4-20-82</i>	
			<i>C-36564 R1 4-16-82</i>	
			<i>C-37002 R2 5-13-82</i>	
			<i>C-33351 R1 9-18-81</i>	
			<i>C-34282 R1 11-16-81</i>	
			<i>C-34544 R1 12-4-81</i>	
			<i>C-34631 R1 12-10-81</i>	
			<i>C-31099 R1 5-28-81</i>	
			<i>C-31136 R1 5-28-81</i>	
			<i>C-32382 R1 7-30-81</i>	
			<i>C-32391 R1 7-30-81</i>	
			<i>C-27100 R1 9-29-80</i>	
			<i>C-28742 R1 1-26-81</i>	

DRG REFERENCE COPY

TERMS: *(Continued on pg. 2)*

REQUISITIONED BY: *A. Gentrass* APPROVED BY: *E. Doeffert*

CRAFT: *BA OA* DEPT. MGR. APPR: *4/12/84* PROJECT MANAGER: *M. Schilawski 4-24-84*

CLINTON POWER CO. RAP 5-11-84

RECEIVED  
MAY 10 1984

**REQUISITION**  
**BALDWIN ASSOCIATES**  
(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

NO. CIV-109759

PURCHASE ORDER NO. C-34282 MISCELLANEOUS

pg. 2 of 2 Rider #1  
SAFETY RELATED

PRICE INQUIRY ONLY TO: BALDWIN ASSOCIATES  PURCHASE FROM:

NON SAFETY

VENDOR: Interstate Steel DATE: 4-16-84 PLAN NO: IV PROJECT ENGINEER: ER De... DATE: 4-19-84

STREET: 1800 E. Byberry Road JOB REFERENCE: \_\_\_\_\_ QA MANAGER: YC DATE: 4-19-84

CITY & STATE: Philadelphia, PA 19116 CHARGE TO SUBACCOUNT NO.: 411A COST ENGINEER: Sup DATE: 4-20-84

ATTENTION: \_\_\_\_\_ SHIP TO: \_\_\_\_\_ SPECIAL INSTRUCTIONS: TAX STATUS

CONFIRMING  NOT CONFIRMING

REQUIRED DELIVERY DATE: NA DELIVER TO AREA: \_\_\_\_\_  FOR RESALE SHIP VIA:  TRUCK-PREPAID  RAIL-PREPAID

TAXABLE FOB:  FACTORY  DESTINATION

BY: 4-30-84

QUANTITY	UNIT PRICE	PART OR CAT. NO.	DESCRIPTION	TOTAL PRICE
			C-29714 <sup>A</sup> dated 3-18-81	
			C-30782 R1 5-11-81	
			C-30030 R1 4-1-81	
			C-30358 R1 4-16-81	
			C-30359 R2 4-17-81	
			C-30360 R1 4-16-81	
			C-28584 R1 1-15-81	
			C-29186 R1 2-17-81	
			C-29718 R1 3-18-81	
			C-30969 R1 ✓ 5-19-81	
			Per QA Program Rev. 4 10-29-79 VC 6-8-84	
			Rev. 5 10-1-80	
			End Use - Purchase Order Clarification	
			- FINAL ENTRY -	

DRG REFERENCE COPY

REQUISITIONED BY: H. Lentress DEPT. MGR. APPR. 4/17/84

PROJECT: BA QA

APPROVED BY: ER De... PROJECT MANAGER

MA Sch... 4-24-84

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

### QUALITY CONTROL RECEIVING INSPECTION REPORT

RIR No. 51-15739

DATE 12-15-81

C.P.S. UNIT: 0

SAFETY      NON-SAFETY

SHEET 1 OF 1

SPEC/REV/ADDN: K2999 AMD5  
VENDOR: INTERSTATE TAG 12-17-81  
IN STATE STEEL  
PO NO: C-34222  
ARRIVAL DATE: 11-14-81

REFERENCE DOCUMENTS:  
R.A.P. 2.3  
R.A.P. 1.5  
R.I. K2999

DOCUMENTATION  
 CONFORMS      NO DOCUM. REQ.  
TAG TYPE \_\_\_\_\_  
TAG NO. \_\_\_\_\_  
ISSUED \_\_\_\_\_  
CLEARED \_\_\_\_\_

DISPOSITION LEGEND:  
A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED  
NCR NO. \_\_\_\_\_



Page 51

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM DISPOSITION BY	DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL					
1000 I	NONE I	NONE I	1/2" x 10" x 10" PLATES ASTM A-36 I I I	550K2890 I		A I				12-15-81 I	E44 I

REFERENCE COPY

INSPECTED BY: Jay Laque     DATE 12-15-81

REMARKS: \_\_\_\_\_

Color: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.): Scott Martin     DATE 12/16/81

REPORT OF TEST AND ANALYSIS

AS PT.	SHIPMENT NO 409-09308	DATE SHIPPED 06/06/80.	CAR OR VEHICLE NO. LIEDKA TRKC.
--------	--------------------------	---------------------------	------------------------------------

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY					YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %
			NO. PCS	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT			IN.	%	
CO# 5400					160@6865	GD# 003-8677A			7580/073031			
4472	3533G	ASME SA36	SUMMER 78	ADD/ASTM A36-77A	BEND TEST	A6S14						
		550K2890	2	1/2	72	COIL	45,680#	56.9 40.0	72.4 69.0	8 2	26 32	

DRG  
REFERENCE COPY

INTERSTATE STEEL SUPPLY CO.  
Test Reports for  
Baldwin Associates

Your Order # C34282  
Requisition #  
Our Invoice # 43536-1

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	CHARPY IMPACT														
					TYPE	SIZE	DIR.	TEST TEMP.	ENERGY (FT. LBS.)				DUCTILITY (%)			LAT EXP. (IN)			
									1	2	3	AVG.	1	2	3	1	2		

HEAT NUMBER	CHEMICAL ANALYSIS													Mn	C				
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Co	N	Al						
50K2890	.20	1.10	.013	.024	.011														

S-15739



Page 24

I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.



# BALDWIN ASSOCIATES

(IN CLINTON)

Page 1 of 2

## No. C 34806

### PURCHASE ORDER

FRUIN-COLNOR CORPORATION      KELSO-BURNETT CO., INC.  
 McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.      POWER SYSTEMS, INC.  
 P.O. BOX 306      CLINTON, ILLINOIS 61727  
 PHONE 217 - 937-1111

### Plan 4 - Safety Related

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE.

VENDOR  <b>Interstate Steel</b> 1800 East Byberry Road Philadelphia, PA 19116 Attn: Bill Sarle	ROUTING			SHIP TO:  Clinton, IL
	TITLE	APPR.	DATE	
	DEPT. MGR.			
	PROJ. ENG.			
	Q.A. MGR.			
YOUR REFERENCE:	PROJ. MGR.	AREA		FOREMAN
	PUR. MGR.			<b>G. Fernandez</b>

DATE <b>12-22-81</b>	TERMS <b>15-10-Net 30</b>	CHARGE TO <b>1026A-3497232E</b>	REQUISITION NO. <b>92102</b>	SHIP VIA	FOB <b>Destination</b>
SEND FOUR COPIES OF ALL INVOICES TO: <b>P. O. Box 306 Clinton, IL 61727</b>			<input type="checkbox"/> FOR RESALE <input checked="" type="checkbox"/> TAXABLE	DELIVERY REQUIRED <b>1-15-82</b>	

QUANTITY	DESCRIPTION
	Deliver the following in accordance with the purchase order terms and conditions Form No. _____:
1500'	/cwt 14,100# 3½ x 2½ x ½ Unequal Leg Angle
1500'	/cwt 46,500# 8 x 31 W Shape
500'	/cwt 1,695# 3 x 3/8 Flat Bar
1000'	/cwt 3,400# 2 x ½ Flat Bar
600'	/cwt 5,100# 5 x ½ Flat Bar
15pc	/cwt 19,605# 1" x 4' x 8' Plate
25pc	/cwt 2,500# Ga. 14 Metal Sheet 4' x 8'
35pc	/cwt 5,600# Ga. 11 Metal Sheet 4' x 8'
<b>SPECIFICATIONS:</b>	
Angles, W Shape, Bars and Plates: ASTM A-36	
Metal Sheets: ASTM 570 GR "D" or ASTM A-607 or ASTM A-606	
Certified material test reports required. To be used for electrical hangers.	
All certificates of compliance, test reports, inspection reports, NDE records or other material certifications which are required by our Purchase Orders must be received before invoices will be processed for payment. ONE (1) COPY TO ACCOMPANY SHIPMENT. ONE (1) COPY TO BE MAILED ALL DOCUMENTATION WHICH IS TO BE MAILED SHOULD BE ADDRESSED TO:	

**BALDWIN ASSOCIATES**

ACCEPTED \_\_\_\_\_ PER \_\_\_\_\_ AUTHORIZED SIGNATURE

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

FORM BA-6

# BALDWIN ASSOCIATES

(IN CLINTON)

Page 2 of 2

No. C 34806

PURCHASE ORDER

FRUIN-COLNON CORPORATION

KELSO-BURNETT CO., INC.

McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC. POWER SYSTEMS, INC.

P.O. BOX 306 CLINTON, ILLINOIS 61727  
PHONE 217 - 937-1111

Plan 4 - Safety Related

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE.

VENDOR

Interstate Steel  
1800 East Byberry Road  
Philadelphia, PA 19116  
Attn: Bill Sarle

ROUTING

TITLE	APPR.	DATE
DEPT. MGR.		1/1/82
PROJ. ENG.		
Q.A. MGR.		
PROJ. MGR.		
PUR. MGR.		

SHIP TO:

Clinton, IL

YOUR REFERENCE:

AREA

FOREMAN

G. Fernandez

DATE  
12-22-81

TERMS  
1/2-10-Net 30

CHARGE TO  
1026A-3497232E

REQUISITION NO.  
92102

SHIP VIA

FOB  
Destination

SEND FOUR COPIES OF ALL INVOICES TO:

P. O. Box 306  
Clinton, IL 61727

FOR RESALE  
 TAXABLE

DELIVERY REQUIRED  
1-15-82

QUANTITY

DESCRIPTION

Deliver the following in accordance with the purchase order terms and conditions

Form No. \_\_\_\_\_:

BALDWIN ASSOCIATES, P. O. BOX 306, CLINTON, IL 61727  
ATTN: MANAGER OF QUALITY CONTROL

Per QA Program Rev 5 10-1-80.

CONFIRMING:

PLEASE SIGN AND RETURN ACCEPTANCE COPY IMMEDIATELY TO PURCHASING.

BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

PER *[Signature]*  
AUTHORIZED SIGNATURE

FORM BA-6

*[Handwritten mark]*

# REQUISITION · BALDWIN ASSOCIATES

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

NO. ELEC- 92102 \$

PURCHASE ORDER NO. C-34806

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input type="checkbox"/> PURCHASE FROM:		<input type="checkbox"/> NON SAFETY		<input checked="" type="checkbox"/> SAFETY RELATED	
VENDOR <u>Interstate Steel</u>		DATE <u>11-30-81</u>		PLAN NO. <u>IV</u>		PROJECT ENGINEER <u>[Signature]</u> <u>30 Nov 81</u>	
STREET <u>1800 E Byberry Rd</u>		JOB REFERENCE <u>1026A</u>		DATE <u>12/9/01</u>		PROJECT MANAGER <u>[Signature]</u>	
CITY & STATE <u>Philadelphia, Pa 19116</u>		CHARGE TO SUB-ACCOUNT NO. <u>3497232E</u>		COST ENGINEER <u>KRD</u> <u>30 Nov 81</u>		DATE	
ATTENTION <u>Bell Case</u> <u>800/523-3340</u>		SHIP TO:		SPECIAL INSTRUCTIONS: <u>K-2999 MATERIALS FOR ELECTRICIANS</u>			
<input checked="" type="checkbox"/> CONFIRMING		<input type="checkbox"/> NOT CONFIRMING					

REQUIRED DELIVERY DATE <u>11/15/82</u> <del>12/1/81</del>		DELIVER TO AREA <u>PROJECT ELECTRICIANS</u>		<input type="checkbox"/> FOR RESALE		SHIP VIA	
				<input checked="" type="checkbox"/> TAXABLE		<input type="checkbox"/> TRUCK-PREPAID	
						<input type="checkbox"/> RAIL-PREPAID	
						<input type="checkbox"/> FACTORY	
						<input checked="" type="checkbox"/> DESTINATION	

QUANTITY	PART OR CAT. NO.	DESCRIPTION
1500 FT	14100"	L3 1/2 X 2 1/2 X 1/2 UNEQUAL LEG ANGLE
1500 FT	46500"	W8 X 31 W SHAPE
500 FT	1675"	BAR 3 X 3/8 FLAT BAR
1000 FT	3400"	BAR 2 X 1/2 FLAT BAR
600 FT	5100"	BAR 5 X 1/2 FLAT BAR
15 PCS	19605"	PL 1' X 4 X 8 PLATE
25 PCS	2500"	GA. 14 METAL SHEET 4' X 8'
35 PCS	5600"	GA. 11 METAL SHEET 4' X 8'

SPECIFICATIONS:  
ANGLES, W SHAPE, BARS and PLATES:  
ASTM-A36  
METAL SHEET: ASTM-570 GR. "D"  
OR ASTM-A 607  
OR ASTM-A 606

CMTR REQUIRED:  
TO BE USED FOR ELECTRICAL  
HANGERS ..  
Star quality requirements purchased 11/11/82

REQUISITIONED BY <u>[Signature]</u>	TERMS: <u>1/29 APR - 30</u>	APPROVED BY <u>[Signature]</u> PROJECT MANAGER
CRAFT: <u>ELECTRICIANS</u>	DEPT. MGR. APP. <u>[Signature]</u>	ILLINOIS POWER CO. <u>[Signature]</u>

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

QUALITY CONTROL  
RECEIVING INSPECTION REPORT

RIR No. S-15935

DATE 1-5-82

C.P.S. UNIT: 0

SAFETY  NON-SAFETY

SHEET 1 OF 1

SPEC/REV/ADDN: K-2999/5  
VENDOR: Interstate Steel  
PO NO: C-34806  
ARRIVAL DATE: 1-4-82

REFERENCE DOCUMENTS:  
BAP 2.3  
BAP 1.5  
RIK-2999/5

DOCUMENTATION  
 CONFORMS  NO DOCUM. REQ.  
TAG TYPE \_\_\_\_\_  
TAG NO. \_\_\_\_\_  
ISSUED \_\_\_\_\_  
CLEARED \_\_\_\_\_

DISPOSITION LEGEND:  
A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED  
NCR NO. \_\_\_\_\_

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM DISPOSITION BY	DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL					
38 pcs.	none	none	3 1/2" x 2 1/2" x 1/2" x 40' Unequal Leg Angle	B4301		A				1-5-82	ELL
25 pcs			3/8" x 3" x 20' Flat Bar	15880							
50 pcs			1/2" x 2" x 20' Flat Bar	15951							
30 pcs.			1/2" x 5" x 20' Flat Bar	M4230							
15 pcs.			1 x 48 x 96 Plate	8226725							
			Above Material A36								

DRG  
REFERENCE COPY  
BALDWIN ASSOCIATES RECEIVED  
JAN 29 1982  
DOCUMENT RECORDS CENTER  
R. LETTERLE

INSPECTED BY: Doug Giles DATE 1-5-82

COMMENTS: \_\_\_\_\_

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.): Scott Martin DATE 1/6/82

PHOENIX STEEL CORPORATION  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

11/19/31  
 PAGE 1

ASTM A36 77A

OLD TO: INTERSTATE STEEL SUPPLY CO.  
 1800 EAST BYBERRY RD.  
 PHILA PA 19116

MILL ORD: 19403  
 CUST ORD: 24024  
 TRANS: TRUCK

B/L # 11

~~CHEMICAL ANALYSIS~~

HEAT	SERIAL	C	MN	P	S
226725	LADLE	.12	.98	.012	.023

~~PHYSICAL TESTING~~

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG. R.A.		FERRITIC
						KSI	KSI	IN. Z	Z	GRAIN SIZE
226725		001	1.000	96.00	240.00	45.6	71.1	6	29	

BEND TESTED AND FOUND ACCEPTABLE

RIR  
 S-15935  
 DRG REFERENCE COPY

INTERSTATE STEEL SUPPLY CO.  
 Test Reports for  
 Baldwin Associates

Your Order # C34806  
 Requisition #  
 Our Invoice # 45143



SUBSCRIBED AND SWORN TO ME  
 THIS DAY OF

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION

*[Signature]*  
 SUPV. OF TESTING, METALLURGICAL

NOTARY PUBLIC

**PHOENIX STEEL CORPORATION**  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

12/03/81  
 PAGE 1

SPEC: ASTM A36 77A

SOLD TO: INTERSTATE STEEL SUPPLY CO.  
 1800 EAST BYBERRY RD.  
 PHILA., PA 19116

MILL ORD: 19403  
 CUST ORD: 24024  
 TRANS: TRUCK

B/L # 1

**CHEMICAL ANALYSIS**

HEAT	SERIAL	C	MN	P	S
3167625	LADLE	.11	.93	.010	.028
8220825	LADLE	.10	1.00	.011	.027
8226725	LADLE	.12	.98	.012	.023
9247526	LADLE	.10	1.07	.009	.015

5

**PHYSICAL TESTING**

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG. IN. %	R.A. %	FERRITIC GRAIN SIZE
						KSI	KSI			
8167625		001	1.000	48.00	120.00	45.3	68.4	8	29	
8220825		002	.875	72.00	240.00	42.5	68.4	8	29	
8226725		003	1.000	48.00	120.00	45.6	71.1	8	29	
8 725		002	1.000	96.00	240.00	45.6	71.1	8	29	
9247526		003	.875	72.00	240.00	45.8	67.7	8	34	

BEND TESTED AND FOUND ACCEPTABLE

**RIR**  
**S-15935**

BALDWIN ASSOCIATES  
 RECEIVED  
 JAN 29 1982  
 DOCUMENT RECORDS CENTER  
 R. LITTELE

INTERSTATE STEEL SUPPLY CO.  
 Test Reports for  
 Baldwin Associates

Your Order # C34806  
 Requisition #  
 Our Invoice # 45143



**DRG**  
**REFERENCE COPY**

SUBSCRIBED AND SWORN TO ME  
 THIS DAY OF

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.  
*[Signature]*  
 SUPV. OF TESTING, METALLURGICAL

NOTARY PUBLIC

# BALDWIN ASSOCIATES

(IN CLINTON)

No. C 34806 R#1

PURCHASE ORDER

FRUIN-COLNON CORPORATION

KELSO-BURNETT CO., INC.

McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC. POWER SYSTEMS, INC.

P.O. BOX 306 CLINTON, ILLINOIS 61727  
PHONE 217 - 937-1111

PLAN & SAFETY RELATED

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE

VENDOR

INTERSTATE STEEL  
1800 E. BYBERRY RD.  
PHILADELPHIA, PA. 19116

ROUTING

TITLE	APPR.	DATE
DEPT. MGR.		
PROJ. ENG.		
Q. A. MGR.		
PROJ. MGR.		
PUR. MGR.		

SHIP TO:

CLINTON, IL

AREA FOREMAN

R. FENTRESS

SHIP VIA F O B

YOUR REFERENCE:

DATE

TERMS

CHARGE TO

REQUISITION NO.

SHIP VIA

5-11-84

N/A

N/A

109759

N/A

SEND FOUR COPIES OF ALL INVOICES TO:

P.O. BOX 306  
CLINTON, IL 61727

FOR RESALE

TAXABLE E/A 4-30-84

DELIVERY REQUIRED

N/A

QUANTITY

DESCRIPTION

Deliver the following in accordance with the purchase order terms and conditions

Form No. \_\_\_\_\_

PLEASE ADD THE FOLLOWING TO THE PURCHASE ORDERS LISTED BELOW.

STD. QUALITY REQUIREMENTS PER FORM JV436 (1/78) INCLUDING 10CFR50, APP-B & 10CFR21 APPLY TO THIS ORDER AS APPLICABLE.

C-34806 R1 dated 12-22-81

C-35720 R1 2-24-82

C-36563 R1 4-20-82

C-36564 R1 4-16-82

C-37002 R2 5-13-82

C-33251 R1 9-18-81

C-34282 R1 11-16-81

C-34544 R1 12-4-81

C-34631 R1 12-10-81

C-31099 R1 5-28-81

C-31136 R1 5-28-81

C-32382 R1 7-30-81

C-32391 R1 7-30-81

C-27100 R1 9-29-80

C-28742 R1 1-26-81

C-29714 R1 3-18-81

C-30782 R1 5-11-81

C-30030 R1 4-01-81

C-30358 R1 4-16-81

C-30359 R2 4-17-81

C-30360 R1 4-16-81

C-28584 R1 1-15-81

C-29186 R1 2-17-81

C-29718 R1 3-18-81

C-30960 R1 LR 5-19-81

PER QA PROGRAM REV. 15 10-1-80

Confirming: Please sign and return acceptance copy immediately to p

BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

FORM BA-6

CIVIL

# REQUISITION

## BALDWIN ASSOCIATES

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

NO. CIV. 109759

PURCHASE ORDER NO. MCE/ELLEN

pg. 1 of 2

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input checked="" type="checkbox"/> PURCHASE FROM:		NON SAFETY <input type="checkbox"/>		SAFETY RELATED <input checked="" type="checkbox"/>	
VENDOR <u>Interstate Steel</u>		DATE <u>4-16-84</u>	PLAN NO. <u>IV</u>	PROJECT ENGINEER <u>E. Doeffler</u>		DATE <u>4-19-84</u>	
STREET <u>1700 E. Ruffery Rd.</u>		JOB REFERENCE		QA MANAGER <u>VC</u>		DATE <u>4-19-84</u>	
CITY & STATE <u>Philadelphia, PA 19116</u>		CHARGE TO SUB-ACCOUNT NO. <u>711A</u>		COST ENGINEER <u>WLD</u>		DATE <u>4-20-84</u>	
ATTENTION <u>BILL SAHLE</u>		SHIP TO:		SPECIAL INSTRUCTIONS: <u>N/A</u> <u>NY 4-30-84</u>			
<input type="checkbox"/> CONFIRMING <input type="checkbox"/> NOT CONFIRMING							

REQUIRED DELIVERY DATE <u>NA</u>	DELIVER TO AREA	<input type="checkbox"/> FOR RESALE	SHIP VIA	<input type="checkbox"/> TRUCK-PREPAID	<input type="checkbox"/> RAIL-PREPAID
		<input checked="" type="checkbox"/> TAXABLE	FOB	<input type="checkbox"/> FACTORY	<input checked="" type="checkbox"/> DESTINATION

QUANTITY	PART OR CAT. NO.	DESCRIPTION
		Please add the following to the Purchase Orders listed below:
		Std. quality requirements per form JV436 (1/78) including 10CFR50, App-B & 10CFR21 apply to this order as applicable.
		C-34806 <sup>R1</sup> dated 12-22-81
		C-35720 R1 2-24-82
		C-36563 R1 4-20-82
		C-36564 R1 4-16-82
		C-37002 R2 5-13-82
		C-33351 R1 9-18-81
		C-34282 R1 11-16-81
		C-34544 R1 12-4-81
		C-34631 R1 12-10-81
		C-31099 R1 5-28-81
		C-31136 R1 5-28-81
		C-32382 R1 7-30-81
		C-32391 R1 7-30-81
		C-27100 R1 9-29-80
		C-28742 R1 1-26-81
		TERMS: (Continued on pg. 2)

REQUISITIONED BY <u>R. Zahradsky</u>	APPROVED BY <u>E. Doeffler</u>
CRAFT: <u>BH OA</u>	DEPT. MGR. APPR. <u>Y11K4</u>
	PROJECT MANAGER <u>M. J. Schilawski 4-24-84</u>

DISTRIBUTION: ORIGINAL - PURCHASING WHITE - INVITE TO BID GREEN - EXPEDITING BLUE - ORIGINATOR CANARY - APPROVER WHITE - Q.A. WAREHOUSE



# REQUISITION BALDWIN ASSOCIATES

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

NO. *IV-109757*

PURCHASE ORDER NO. *MISCELLANEOUS*

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input checked="" type="checkbox"/> PURCHASE FROM:		NON SAFETY <input type="checkbox"/>		SAFETY RELATED <input checked="" type="checkbox"/>	
VENDOR <i>F.T. ...</i>			DATE <i>4-16-84</i>	PLAN NO. <i>IV</i>	PROJECT ENGINEER <i>ET De...</i>	DATE	
STREET <i>1100 E. ...</i>			JOB REFERENCE		QA MANAGER <i>YC</i>	DATE <i>4-19-84</i>	
CITY & STATE <i>PA 15114</i>			CHARGE TO SUBACCOUNT NO. <i>4117</i>		COST ENGINEER <i>...</i>	DATE <i>4-30-84</i>	
ATTENTION			SHIP TO:		SPECIAL INSTRUCTIONS: <i>...</i>		
<input type="checkbox"/> CONFIRMING		<input type="checkbox"/> NOT CONFIRMING		<input type="checkbox"/> FOR RESALE		<input type="checkbox"/> TRUCK-PREPAID	
REQUIRED DELIVERY DATE <i>N/A</i>		DELIVER TO AREA		<input checked="" type="checkbox"/> TAXABLE		<input type="checkbox"/> RAIL-PREPAID	
				SHIP VIA		<input type="checkbox"/> FACTORY	
				FOR		<input checked="" type="checkbox"/> DESTINATION	

QUANTITY	PART OR CAT. NO.	DESCRIPTION
		<i>Q-29714 FA 10-1-81</i>
		<i>Q-29722 RI 5-11-81</i>
		<i>Q-29700 RI 4-1-81</i>
		<i>Q-29701 RI 4-1-81</i>
		<i>Q-29702 RI 4-1-81</i>
		<i>Q-29703 RI 4-1-81</i>
		<i>Q-29704 RI 4-1-81</i>
		<i>Q-29705 RI 4-1-81</i>
		<i>Q-29706 RI 4-1-81</i>
		<i>Q-29707 RI 4-1-81</i>
		<i>Q-29708 RI 4-1-81</i>
		<i>Q-29709 RI 4-1-81</i>
		<i>Q-29710 RI 4-1-81</i>
		<i>Q-29711 RI 4-1-81</i>
		<i>Q-29712 RI 4-1-81</i>
		<i>Q-29713 RI 4-1-81</i>
		<i>Q-29714 RI 4-1-81</i>
		<i>Q-29715 RI 4-1-81</i>
		<i>Q-29716 RI 4-1-81</i>
		<i>Q-29717 RI 4-1-81</i>
		<i>Q-29718 RI 4-1-81</i>
		<i>Q-29719 RI 4-1-81</i>
		<i>Q-29720 RI 4-1-81</i>
		<i>Q-29721 RI 4-1-81</i>
		<i>Q-29722 RI 4-1-81</i>
		<i>Q-29723 RI 4-1-81</i>
		<i>Q-29724 RI 4-1-81</i>
		<i>Q-29725 RI 4-1-81</i>
		<i>Q-29726 RI 4-1-81</i>
		<i>Q-29727 RI 4-1-81</i>
		<i>Q-29728 RI 4-1-81</i>
		<i>Q-29729 RI 4-1-81</i>
		<i>Q-29730 RI 4-1-81</i>
		<i>Q-29731 RI 4-1-81</i>
		<i>Q-29732 RI 4-1-81</i>
		<i>Q-29733 RI 4-1-81</i>
		<i>Q-29734 RI 4-1-81</i>
		<i>Q-29735 RI 4-1-81</i>
		<i>Q-29736 RI 4-1-81</i>
		<i>Q-29737 RI 4-1-81</i>
		<i>Q-29738 RI 4-1-81</i>
		<i>Q-29739 RI 4-1-81</i>
		<i>Q-29740 RI 4-1-81</i>
		<i>Q-29741 RI 4-1-81</i>
		<i>Q-29742 RI 4-1-81</i>
		<i>Q-29743 RI 4-1-81</i>
		<i>Q-29744 RI 4-1-81</i>
		<i>Q-29745 RI 4-1-81</i>
		<i>Q-29746 RI 4-1-81</i>
		<i>Q-29747 RI 4-1-81</i>
		<i>Q-29748 RI 4-1-81</i>
		<i>Q-29749 RI 4-1-81</i>
		<i>Q-29750 RI 4-1-81</i>
		<i>Q-29751 RI 4-1-81</i>
		<i>Q-29752 RI 4-1-81</i>
		<i>Q-29753 RI 4-1-81</i>
		<i>Q-29754 RI 4-1-81</i>
		<i>Q-29755 RI 4-1-81</i>
		<i>Q-29756 RI 4-1-81</i>
		<i>Q-29757 RI 4-1-81</i>
		<i>Q-29758 RI 4-1-81</i>
		<i>Q-29759 RI 4-1-81</i>
		<i>Q-29760 RI 4-1-81</i>
		<i>Q-29761 RI 4-1-81</i>
		<i>Q-29762 RI 4-1-81</i>
		<i>Q-29763 RI 4-1-81</i>
		<i>Q-29764 RI 4-1-81</i>
		<i>Q-29765 RI 4-1-81</i>
		<i>Q-29766 RI 4-1-81</i>
		<i>Q-29767 RI 4-1-81</i>
		<i>Q-29768 RI 4-1-81</i>
		<i>Q-29769 RI 4-1-81</i>
		<i>Q-29770 RI 4-1-81</i>
		<i>Q-29771 RI 4-1-81</i>
		<i>Q-29772 RI 4-1-81</i>
		<i>Q-29773 RI 4-1-81</i>
		<i>Q-29774 RI 4-1-81</i>
		<i>Q-29775 RI 4-1-81</i>
		<i>Q-29776 RI 4-1-81</i>
		<i>Q-29777 RI 4-1-81</i>
		<i>Q-29778 RI 4-1-81</i>
		<i>Q-29779 RI 4-1-81</i>
		<i>Q-29780 RI 4-1-81</i>
		<i>Q-29781 RI 4-1-81</i>
		<i>Q-29782 RI 4-1-81</i>
		<i>Q-29783 RI 4-1-81</i>
		<i>Q-29784 RI 4-1-81</i>
		<i>Q-29785 RI 4-1-81</i>
		<i>Q-29786 RI 4-1-81</i>
		<i>Q-29787 RI 4-1-81</i>
		<i>Q-29788 RI 4-1-81</i>
		<i>Q-29789 RI 4-1-81</i>
		<i>Q-29790 RI 4-1-81</i>
		<i>Q-29791 RI 4-1-81</i>
		<i>Q-29792 RI 4-1-81</i>
		<i>Q-29793 RI 4-1-81</i>
		<i>Q-29794 RI 4-1-81</i>
		<i>Q-29795 RI 4-1-81</i>
		<i>Q-29796 RI 4-1-81</i>
		<i>Q-29797 RI 4-1-81</i>
		<i>Q-29798 RI 4-1-81</i>
		<i>Q-29799 RI 4-1-81</i>
		<i>Q-29800 RI 4-1-81</i>

REQUISITIONED BY: *[Signature]*      DEPT. MGR. APPR. *[Signature]*      APPROVED BY: *[Signature]*      PROJECT MANAGER

CRAFT: *[Signature]*      DATE: *4/17/84*      DATE: *4-24-84*

ILLINOIS POWER CO.

# BALDWIN ASSOCIATES

(IN CLINTON)

Page 1 of 2

No. C 35720  
PURCHASE ORDER

FRUIN-COLNOR CORPORATION      KELSO JURNETT CO., INC.  
McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.      POWER SYSTEMS, INC.  
P.O. BOX 306      CLINTON, ILLINOIS 61727  
PHONE 217 - 937-1111

Plan 4 - Safety Related

THIS NUMBER MUST APPEAR ON ALL INVOICES,  
PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE

VENDOR  <b>Interstate Steel</b> 1800 East Byberry Road Philadelphia, PA 19116 Attn: Bill Sarle	ROUTING			SHIP TO:  <b>Clinton, IL</b>
	TITLE	APPR.	DATE	
	DEPT. MGR.			
	PROJ. ENG.			
	Q.A. MGR.			
YOUR REFERENCE:	PROJ. MGR.		AREA	FOREMAN
	PUR. MGR.			<b>G. Fernandez</b>

DATE <b>2-24-82</b>	TERMS <b>1/2-10-Net 30</b>	CHARGE TO <b>1026A-3497282E</b>	REQUISITION NO <b>91544</b>	SHIP VIA	FOB <b>Destination</b>
SEND FOUR COPIES OF ALL INVOICES TO: <b>P. O. Box 306 Clinton, IL 61727</b>			<input type="checkbox"/> FOR RESALE <input checked="" type="checkbox"/> TAXABLE	DELIVERY REQUIRED <b>3-19-82</b>	

QUANTITY	DESCRIPTION
	Deliver the following in accordance with the purchase order terms and conditions Form No. _____
3000'	/cwt 28,200# 3 1/2 x 2 1/2 x 1/2 Unequal Leg Angle
2000'	/cwt 62,000# 8 x 31 W Shape
1000'	/cwt 24,000# 8 x 24 W Shape
500'	/cwt 638# 3/8 x 1 Flat Bar
1000'	/cwt 6,868# 1/2 x 4 Flat Bar
500'	/cwt 7,650# 3/4 x 6 Flat Bar
1500pc	/ea 3/8 x 8 x 9 Plate
50pc	/ea 1 x 14 x 18 Plate
50pc	/ea 1/2 x 8 x 16 Plate
600'±	4 x 3 x 1/4 Structural Tubing (Rectangular)
All above listed materials are ASTM A36 except structural tubing which is ASTM A500 Grade B. To be used for conduit and cable pan hangers.	
CMTR required.	
Per QA Program Rev 5 10-1-80.	
All certificates of compliance, test reports, inspection reports, BDE records or other material certifications which are required by our Purchase Orders must be received before invoices will be processed for payment.	

BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

*EL*

# BALDWIN ASSOCIATES

(IN CLINTON)

Page 2 of 2

No. C 35720

PURCHASE ORDER

FRUIN-COLNOR CORPORATION      KELSO-BURNETT CO., INC.  
 McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.    POWER SYSTEMS, INC.  
 P.O. BOX 306      CLINTON, ILLINOIS 61727  
 PHONE 217 - 937-1111

Plan 4 - Safety Related

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE

VENDOR <b>Interstate Steel</b>		ROUTING			SHIP TO:  <b>Clinton, IL</b>
		TITLE	APPR	DATE	
		DEPT. MGR.			
		PROJ. ENG.			
		Q. A. MGR.			
		PROJ. MGR.			
YOUR REFERENCE:		AREA			FOREMAN <b>G. Fernandez</b>
DATE <b>2-24-82</b>	TERMS <b>1/2-10-Net30</b>	CHARGE TO <b>1026A-797232E</b>	REQUISITION NO. <b>91544</b>	SHIP VIA	FOR <b>Destination</b>
SEND FOUR COPIES OF ALL INVOICES TO: <b>P. O. Box 306 Clinton, IL 61727</b>		<input type="checkbox"/> FOR RESALE <input checked="" type="checkbox"/> TAXABLE			DELIVERY REQUIRED <b>3-19-82</b>

QUANTITY	DESCRIPTION
	<p>Deliver the following in accordance with the purchase order terms and conditions            Form No. _____:</p> <p><b>ONE (1) COPY TO ACCOMPANY SHIPMENT            ONE (1) COPY TO BE MAILED            ALL DOCUMENTATION WHICH IS TO BE MAILED SHOULD BE ADDRESSED TO:</b></p> <p><b>BALDWIN ASSOCIATES            P. O. BOX 306            CLINTON, IL 61727            ATTN: MANAGER OF QUALITY CONTROL</b></p> <p><b>CONFIRMING:</b>  <b>PLEASE SIGN AND RETURN ACCEPTANCE COPY IMMEDIATELY TO PURCHASING.</b></p>

BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

# REQUISITION

## BALDWIN ASSOCIATES

(IN CLUNTON)  
P.O. BOX 306, CLUNTON, ILLINOIS 61727

NO. ELEC. 91544 \$

PURCHASE ORDER NO. C-35720

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input checked="" type="checkbox"/> PURCHASE FROM:		NON SAFETY <input type="checkbox"/>		SAFETY RELATED <input checked="" type="checkbox"/>	
VENDOR <u>Interstate Steel</u>		DATE <u>2-9-82</u>	PLAN NO. <u>IV</u>	PROJECT ENGINEER <u>[Signature]</u>		DATE <u>9 Feb 82</u>	
STREET <u>1800 E. Byberry Rd</u>		JOB REFERENCE <u>1026A</u>		QA MANAGER <u>[Signature]</u>		DATE <u>2/10/82</u>	
CITY & STATE <u>Philadelphia Pa 19116</u>		CHARGE TO SUB-ACCOUNT NO. <u>3497232 E</u>		COST ENGINEER <u>KOgn</u>		DATE <u>10 Feb 82</u>	
ATTENTION <u>Bill Parle 800/523-3340</u>		SHIP TO:		SPECIAL INSTRUCTIONS: <u>K-2999 MATERIALS FOR ELECTRICIANS</u>			
<input checked="" type="checkbox"/> CONFIRMING		<input type="checkbox"/> NOT CONFIRMING					

REQUIRED DELIVERY DATE <u>3-19-82</u>	DELIVER TO AREA <u>PROJECT ELECTRICIANS</u>	<input type="checkbox"/> FOR RESALE	SHIP VIA <input type="checkbox"/> TRUCK-PREPAID	<input type="checkbox"/> RAIL-PREPAID
		<input checked="" type="checkbox"/> TAXABLE	FOB <input type="checkbox"/> FACTORY	<input checked="" type="checkbox"/> DESTINATION

QUANTITY	PART OR CAT. NO.	DESCRIPTION
3000 F	28200*	L3 1/2 X 2 1/2 X 1/2 UNEQUAL LEG ANGLE
2000 F	22000*	W8 X 31 W SHAPE
1000 F	24000*	W8 X 24 W SHAPE
500 F	6380	BAR 3/8 X 1 FLAT BAR
1000 FT	6868*	BAR 1/2 X 4 FLAT BAR
500 F	7650*	BAR 3/4 X 6 FLAT BAR
1500 R		PL 3/8 X 8 X 9 PLATE
50 PC		PL 1 X 14 X 18 PLATE
50 PC		PL 1/2 X 8 X 16 PLATE
600 FT		TS 4 X 3 X 1/4 STRUCTURAL TUBING (RECTANGULAR)
<p>ALL ABOVE LISTED MATERIALS ARE ASTM-A36 EXCEPT STRUCTURAL TUBING WHICH IS ASTM-A500</p> <p><u>Purchased 2/23/82 for</u>      <u>GRADE B</u></p> <p><u>Ship 3/15/82</u></p> <p>TO BE USED FOR CONDUIT AND CABLE PAN HANGERS.</p> <p><b>CMTR REQUIRED</b></p>		
TERMS: <u>1/201-10-30</u>		

REQUISITIONED BY <u>[Signature]</u>	APPROVED BY <u>[Signature]</u>
CRAFT <u>(ELECTRICIANS)</u>	PROJECT MANAGER <u>[Signature]</u>
DEPT. MGR. APP. <u>[Signature]</u>	ILLINOIS POWER CO.

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

QUALITY CONTROL  
RECEIVING INSPECTION REPORT

RIR No. 5-16688

DATE 3-22-82

C.P.S. UNIT: 0

SAFETY  NON-SAFETY

SHEET 1 OF 1

SPEC/REV/ADDN: K-2999 Amd 5

REFERENCE DOCUMENTS:

DOCUMENTATION

CONFORMS  NO DOCUM. REQ.

DISPOSITION LEGEND:

A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED

VENDOR: Interstate Steel

BAP 1.5

TAG TYPE \_\_\_\_\_

PO NO: C-35720

BAP 2.3

TAG NO. \_\_\_\_\_

ARRIVAL DATE: 3-22-82

R-I-K-2999

ISSUED \_\_\_\_\_

CLEARED \_\_\_\_\_

NCR NO. \_\_\_\_\_

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM. DISPOSITION BY	DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL					
60 ea	None	None	1/2" x 8" x 16" Plate	15268		A				3-22-82	EIL
15			4" x 3" x 1/4" x 40 Tube	57280							
41			3 1/2 x 2 1/2 x 1/2 x 40' Angle	A6957							
1144			3/8" x 8" x 9" Plate	14768							
40			1" x 14" x 18" Plate	D31562C							
10			ASTM A-36	9232824							
			STRUCTURAL TUBING								
			ASTM A-500 Gr B								

DRG  
REFERENCE COPY

INSPECTED BY: C. Price Jr.

DATE 3-23-82

COMMENTS:

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.): Scott Martin

DATE 3/24/82



# CONNORS STEEL COMPANY

POST OFFICE BOX 877/BIRMINGHAM, ALABAMA 35201

CERTIFIED MILL TEST REPORT

BIRMINGHAM, ALABAMA Jan. 15 19 82

Interstate Steel Supply Co.  
1800 East Byberry Road  
Philadelphia, PA 19116

DRG  
REFERENCE COPY

HEAT OR LOT NO.	SIZE	SPECIFICATIONS	CUSTOMER ORDER NO.	OUR ORDER NO.	YIELD POINT LBS. PER SQ. INCH	TENSILE STRENGTH LBS. PER SQ. INCH	PERCENT ELONG. 8 INCHES	REND	CHEMICAL ANALYSIS			
									C	MN	P	S
25780	5 x 3 x 1/2" Angles	ASTM-A36-77a	24712B	B17299	48200	68100	35.5	OK	14	.68	.012	.024
12492	" "	"	"	"	50100	73000	32.8	OK	21	.50	.032	.016
13196	" "	"	"	"	47700	75100	37.0	OK	22	.66	.022	.019
13384	5 x 5 x 1/2" Angles	"	24756B	B17370	50700	78200	30.0	OK	22	.65	.024	.050
15268	8 x 1/2" Flat	"	24842B	B17467	43800	67300	40.0	OK	16	.56	.017	.023

R I R

S-16688

INTERSTATE STEEL SUPPLY CO.

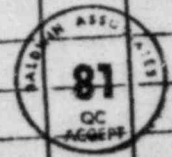
Test Reports from

*Robert J. ...*

Your Order # C 35722

Requisition #

Our Invoice # 47633



SWORN TO AND SUBSCRIBED TO BEFORE ME THIS

DAY

THIS IS TO CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF CERTIFIED REPORTS OF THE ABOVE.

*Charles ...*

METAL IMPRINT

NOTARY PUBLIC



**CONNORS STEEL COMPANY**  
 POST OFFICE BOX 877/BIRMINGHAM, ALABAMA 35201

CERTIFIED MILL TEST REPORT

BIRMINGHAM, ALABAMA  
 October 22 19 81

Interstate Steel Supply Co.  
 1800 East Byberry Road  
 Philadelphia PA 19116

DPG  
 REFERENCE COPY

HEAT AND PLATE NO.	SIZE	SPECIFICATION	CUSTOMER'S ORDER NO.	OUR ORDER NO.	YIELD POINT LBS. PER SQ. INCH	TENSILE STRENGTH LBS. PER SQ. INCH	PERCENT ELONG. INCHES	BEND	CHEMICAL ANALYSIS					
									C	SI	P	S		
25909	8 x 1/2 S.E.F.	ASTM A36 77a	23081B	B15635	44200	71000	37.0	OK	17	55	013	029		
14765	"	"	23346B	B15985	45500	69400	37.0	OK	15	53	020	033		
25909	"	"	"	"	44200	71000	37.0	OK	17	55	013	029		
14768	8 x 3/8 S.E.F.	"	"	"	50900	73800	36.3	OK	18	60	017	024		
25912	"	"	"	"	48500	71500	33.7	OK	17	43	014	023		
								RTR						
								S-16688						

INTERSTATE STEEL SUPPLY CO.  
 Test Reports for

Baldwin ASSOCIATES

Your Order # 635720

Requisition #

Our Invoice # 47640

DAY

THIS IS TO CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF CERTIFIED REPORTS OF THE ABOVE.

*H.W. Castille*  
 METALLURGIST



FORWARD TO AND SUBMITTED TO BEFORE ME THIS

18 19 81

INVENTORY NUMBER

PURCHASER:

## LUKENS STEEL COMPANY

COATESVILLE, PA. 19320

DATE: 9-8-82

FILE NO. 3925-01-01

3. INTERSTATE STEEL SUPPLY  
1800 E. BYBERRY RD.  
PHILA., PA 19116

## TEST CERTIFICATE

CONSIGNEE:

MILL ORDER NO.

CUSTOMER P.O.

16715-1

25642-B

DG 3382 VS  
L3582 1/8

MATERIAL HAS BEEN MANUFACTURED AND TESTED IN ACCORDANCE WITH PURCHASE ORDER REQUIREMENTS AND SPECIFICATION(S):

A-36-77A S14

BEND TEST O.K. HOMOGENEITY TEST

## CHEMICAL ANALYSIS

MELT NO.	C	MN	P	S	CU	SI	NI	CR	MO	V	TI	AL	B
D3092	.12	.96	.015	.025									
D3100	.14	.93	.016	.015									
D3156	.15	.91	.016	.014									

DRG  
REFERENCE COPY

## PHYSICAL PROPERTIES

MELT NO.	SLAB NO.	YIELD PSI X100	TENSILE PSI X100	% ELONG. IN 8"	% R.A.	BHN	IMPACTS	DESCRIPTION
D3092	2A	506	722	24				2- 1" X 96 X 240
D3100	39B	484	716	24				3- "
D3156	2C	580	746	21				3- " RIR S-16688

INTERSTATE STEEL SUPPLY CO.

Test Reports for:

Baldwin Associates

Your Order # C35720

Requisition #

Our Invoice # 47633



We hereby certify: above information is correct.

SUPERVISOR-TESTING

*A. J. E. Line*



**PHOENIX STEEL CORPORATION**  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

09/22/81  
 PAGE 1

SPEC: ASTM A36 77A

TO: INTERSTATE STEEL SUPPLY  
 1800 EAST BYBERRY RD.  
 PHILADELPHIA PA 19116

MILL ORD: 19332  
 CUST ORD: 23141-B  
 TRANS: TRUCK

B/L # 20

**CHEMICAL ANALYSIS**

HEAT	SERIAL	C	MN	P	S
8207225	LADLE	.11	1.10	.010	.016
9232125	LADLE	.10	.96	.010	.017
9232824	LADLE	.09	.82	.010	.013

**PHYSICAL TESTING**

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG.	R.A.	FERRITIC
						KSI	KSI	IN. %	%	GRAIN SIZE
8207225		003	1.000	84.00	240.00	40.4	66.0	8	32	
9232125		003	1.000	72.00	240.00	41.2	66.4	8	30	
9232125		001	1.000	84.00	240.00	41.2	66.4	8	30	
9232824		001	1.000	72.00	240.00	38.9	63.7	8	34	

**INTERSTATE STEEL SUPPLY CO.**  
 Test Reports for  
 Baldwin Associates

Your Order # C35720  
 Requisition #  
 Our Invoice # 47633

DRG  
 REFERENCE COPY

**RIR**  
**S-16688**



SUBSCRIBED AND SWORN TO ME

THIS DAY OF

NOTARY PUBLIC

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.

*[Signature]*  
 SUPV. OF TESTING, METALLURGICAL

5-0

-A11.1(A)

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

# QUALITY CONTROL RECEIVING INSPECTION REPORT

RIR No. 5-16892

DATE 4-16-82

SHEET \_\_\_\_\_ OF \_\_\_\_\_

C.P.S. UNIT: 0

SAFETY     NON-SAFETY

*posted V*

SPEC/REV/ADDN: K-2999 AMP 5

REFERENCE DOCUMENTS:

DOCUMENTATION

CONFORMS     NO DOCUM. REQ.

VENDOR: INTERSTATE STEEL

BAP 1.5

TAG TYPE \_\_\_\_\_

PO NO: C-35720

BAP 2.3

TAG NO. \_\_\_\_\_

ARRIVAL DATE: 4-15-82

RI-2999

ISSUED \_\_\_\_\_

CLEARED \_\_\_\_\_

DISPOSITION LEGEND:

- A = CONFORMS
- H = HOLD
- C = CONDITIONAL ACCEPT
- S = ACCEPT STORAGE ONLY
- R = RETURNED OR SCRAPPED

NCR NO. \_\_\_\_\_

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM. DISPOSITION BY	DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL					
25 pcs	NONE	NONE	6" x 3/4" FLAT BAR ASTM A36	26868		A				4-20-82	EIL
364 pcs	↓	↓	3/8" X 8" X 9" PLATE ASTM A-36	27101		↓					
DRG REFERENCE COPY											

INSPECTED BY: Mike Mater

DATE 4-20-82

COMMENTS:

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.):

*Sonny Sulzer*

DATE 4-21-82



**CONNORS STEEL COMPANY**  
 POST OFFICE BOX 577/BIRMINGHAM, ALABAMA 35201

**CERTIFIED MILL TEST REPORT**

BIRMINGHAM, ALABAMA April 8 1982

Interstate Steel Supply Co.  
 1800 East Byberry Road  
 Philadelphia, PA 19116

DRG  
**REFERENCE COPY**

**INTERSTATE STEEL SUPPLY CO.**

Test Reports for  
 Baldwin Associates  
 Your Order # C35720  
 Requisition #  
 Our Invoice # 47640-1

HEAT OR LOT NO.	SIZE	SPECIFICATIONS	CUSTOMER ORDER NO.	DIR ORDER NO.	YIELD POINT LBS. PER SQ. INCH	TENSILE STRENGTH LBS. PER SQ. INCH	PERCENT ELONG. INCHES	BEND	CHEMICAL ANALYSIS			
									C	MN	P	S
15963	8 x 3/4" Flat	ASTM-A36-77a	24935B	B17616	43800	66900	43.0	OK	.16	.56	.012	.021
27122	" "	"	"	"	41700	65000	40.1	OK	.14	.51	.010	.020
15989	5 x 3/4" "	"	25363W	B18107	43200	68900	32.8	OK	.18	.49	.010	.030
27146	" "	"	"	"	45800	70600	35.0	OK	.17	.75	.018	.030
5987	" "	"	"	"	42700	69500	35.0	OK	.15	.46	.008	.027
27114	8 x 5/8" Flat	"	25471B	B18233	44500	66600	43.2	OK	.14	.58	.014	.018
15946	8 x 1/2" "	"	25492B	B18253	51100	73800	31.0	OK	.15	.45	.017	.032
15947	" "	"	"	"	50300	73500	32.1	OK	.18	.52	.013	.028
27101	8 x 3/8" "	"	25586B	B18373	48300	71500	36.5	OK	.16	.69	.022	.031
15920	8" Channels @ 11.5#	"	25637B	B18422	47900	72600	33.0	OK	.16	.71	.016	.022
15921	"	"	"	"	74700	74700	37.5	OK	.15	.67	.017	.021
15932	"	"	"	"	49800	73800	37.2	OK	.15	.71	.012	.028
27094	"	"	26038B	B18880	50700	75000	36.4	OK	.18	.75	.030	.039
15927	"	"	"	"	52500	77600	37.0	OK	.16	.94	.012	.023
27093	"	"	"	"	45700	68300	36.5	OK	.14	.50	.019	.028
15934	"	"	"	"	49800	76900	32.5	OK	.17	.54	.017	.030

**S-16892**

WITNESSED AND SUBSCRIBED TO BEFORE ME THIS \_\_\_\_\_ DAY

OF \_\_\_\_\_ 1982

NOTARY PUBLIC

THIS IS TO CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF CERTIFIED REPORTS OF THE ABOVE.

*HW Carlisle*  
 METALLURGIST



# BALDWIN ASSOCIATES

(IN CLINTON)

No. C 35741

PURCHASE ORDER

FRUIN-COLNON CORPORATION      KELSO-BURNETT CO., INC.  
McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.      POWER SYSTEMS, INC.  
P.O. BOX 306      CLINTON, ILLINOIS 61727  
PHONE 217 - 937-1111

Plan 4 - Safety Related

THIS NUMBER MUST APPEAR ON ALL INVOICES,  
PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE

VENDOR		ROUTING		SHIP TO:	
Interstate Steel 1800 East Byberry Road Philadelphia, PA 19116 Attn: Bill Sarle		TITLE	APPR.	DATE	Clinton, IL
		DEPT. MGR.			
		PROJ. ENG.			
		Q. A. MGR.			
		PROJ. MGR.			
YOUR REFERENCE:		PUR. MGR.		AREA	FOREMAN
DATE	TERMS	CHARGE TO	SHIP VIA	FO B	
2-23-82	1/2-10-Net 30	SEE BELOW	89941, 83851, 83758 & 84153	Destination	
SEND FOUR COPIES OF ALL INVOICES TO:		<input type="checkbox"/> FOR RESALE <input checked="" type="checkbox"/> TAXABLE		DELIVERY REQUIRED 325-82	
P. O. Box 306 Clinton, IL 61727					

QUANTITY	DESCRIPTION
Deliver the following in accordance with the purchase order terms and conditions	
Form No. _____ CONFIRMING: PLEASE SIGN AND RETURN ACCEPTANCE COPY IMMEDIATELY TO PURCHASING.	
1000'	/cwt 9400# 3" x 3" x 1/2" Angle Iron ASME SA-26
200'	/cwt 3920# 6" x 6" x 1/2" " " " "
500'	/cwt 4900# 5" x 3" x 3/8" Angle " "
4	/cwt 9180# 5" x 9" x 1 1/2" Plate ASME SA-36
1000'	/cwt 3190# 2" x 2" x 1/2" Angle " "
The above material is to be used in permanent plant piping in ASME SECTION 3 CLASS II SERVICE. Certified material test reports with actual physical and chemical analysis required. State on ASTM certified material test reports that physicals and chemicals are identical to ASME Specifications. Material is to be furnished in accordance with ASME SECTION 3 DIVISION I with summer 1974 addenda for use in nuclear class II service. Supplier must be qualified per sub-article NA-3700.	
The Standard Quality Requirements, Form JV-436 (1-78), apply to this Purchase Order as applicable.	
Per QA Program Rev 5 10-1-80.      Items #1-#4: 1023A-7007032P Item #5: 1023A-7007092P	
All certificates of compliance, test reports, inspection reports, NDE records or other material certifications which are required by our Purchase Orders must be received before invoices will be processed for payment.	
ONE (1) COPY TO ACCOMPANY SHIPMENT ONE (1) COPY TO BE MAILED ALL DOCUMENTATION WHICH IS TO BE MAILED SHOULD BE ADDRESSED TO: BALDWIN ASSOCIATES, P. O. BOX 306, CLINTON, IL 61727 ATTN: MANAGER OF QUALITY CONTROL.	

BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

ME

# REQUISITION

## BALDWIN ASSOCIATES

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

NO: **MECH- 83841** \$  
PURCHASE ORDER NO. **C-35741**

PRICE INQUIRY ONLY TO:      PURCHASE FROM:     NON SAFETY      SAFETY RELATED

VENDOR: **Interstate Steel**  
STREET: **1800 E Byberry Rd**  
CITY & STATE: **Philadelphia Pa 19116**  
ATTENTION: **Baldwin 800/523-3340**

CONFIRMING      NOT CONFIRMING

DATE: **1-20-82**     PLAN NO. **✓**  
PROJECT ENGINEER: **[Signature]**     DATE:  
JOB REFERENCE: **1023A**     QA MANAGER: **[Signature]**     DATE:  
CHARGE TO SUB-ACCOUNT NO.: **707032P**     COST ENGINEER: **[Signature]**     DATE: **1-25-82**  
SHIP TO:  
SPECIAL INSTRUCTIONS:

REQUIRED DELIVERY DATE: **3-25-82**     DELIVER TO AREA: **Fitters LAYDOWN**

FOR RESALE      TAXABLE     SHIP VIA:      TRUCK-PREPAID      RAIL-PREPAID

FOB:      FACTORY      DESTINATION

QUANTITY	PART OR CAT. NO.	DESCRIPTION
<b>1000'</b>	<b>9,400*</b>	<b>3"X3"X1/2" ANGLE IRON ASME SA-36</b>
<b>200'</b>	<b>3,920*</b>	<b>6"X6"X1/2" — DO —</b>
<p>The above material is to be used in permanent plant piping in ASME SECTION 3 Class II Service. Certified material test reports with actual physical and chemical analysis required. Also, see ASME Section III Div 1 Part UG-96 for physical and chemical analysis of steel to ASME Section III Div 1 requirements. Supplier must be qualified per sub-article NA-3700.</p>		
		<b>K-2884 AMD4</b> <b>CLASS II</b> <b>FOA: STOCK HANGER MATERIAL</b> <b>EST. COST: 8000</b> <b>TERMS: 1291-10-30</b>

REQUISITIONED BY: **[Signature]**     APPROVED BY: **[Signature]**  
DEPT. MGR. APPR.     PROJECT MANAGER

CRAFT: **[Signature]**

# REQUISITION

## BALDWIN ASSOCIATES

NO. MECH- 83851

PURCHASE ORDER NO. *C-35741*

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input checked="" type="checkbox"/> PURCHASE FROM:		NON SAFETY <input type="checkbox"/>		SAFETY RELATED <input checked="" type="checkbox"/>	
VENDOR <i>Interstate Steel</i>		DATE <i>1-22-82</i>	PLAN NO. <i>1</i>	PROJECT ENGINEER <i>Smith</i>		DATE	
STREET		JOB REFERENCE <i>1023A</i>		JOB MANAGER <i>TSW</i>		DATE <i>1-26-82</i>	
CITY & STATE		CHARGE TO SUB-ACCOUNT NO. <i>7007032 P</i>		COST ENGINEER		DATE	
ATTENTION <i>Bell</i>		SHIP TO:		SPECIAL INSTRUCTIONS:			
<input checked="" type="checkbox"/> CONFIRMING		<input type="checkbox"/> NOT CONFIRMING					
REQUIRED DELIVERY DATE <i>3-15-82</i>	DELIVER TO AREA <i>W11X-4</i>	<input type="checkbox"/> FOR RESALE	SHIP VIA <input type="checkbox"/> TRUCK-PREPARED	<input type="checkbox"/> RAIL-PREPAID			
		<input checked="" type="checkbox"/> TAXABLE	FOB <input type="checkbox"/> FACTORY	<input checked="" type="checkbox"/> DESTINATION			

QUANTITY	PART OR CAT. NO.	DESCRIPTION
<i>500'</i>	<i>4900</i>	<i>5"X3"X3/8" ANGLE ASME SA-36</i>
<p>The above material is to be used in painting plant frame in A.S.M.E. SECTION 3 CLASS II SERVICE. Supplier must provide test reports with actual physical and chemical analysis of material. Supplier must also provide physical and chemical analysis of material to A.S.M.E. SECTION 3 DIVISION 1 with summer 1974 addenda for use in painting class II service. Supplier must be qualified per subarticle NA-3700.</p>		
<p><i>Steel Quality Reports per form JV-436(1) Apply to this PO as applicable</i></p> <p><i>Per QA Program</i></p> <p><i>K-2884 AMOH CLASS II</i></p> <p><i>FOR: STOCK HANGER MATERIAL</i></p> <p><i>FST.COST: \$3000</i></p>		

REQUISITIONED BY <i>[Signature]</i>	APPROVED BY <i>[Signature]</i>
CRAFT: <i>P.F.</i>	PROJECT MANAGER
	ILLINOIS POWER CO.

# REQUISITION

## BALDWIN ASSOCIATES

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

NO. MECH- 83758

PURCHASE ORDER NO. C-35741

<input type="checkbox"/> PRICE INQUIRY ONLY TO:	<input checked="" type="checkbox"/> PURCHASE FROM:	NON SAFETY <input type="checkbox"/>	SAFETY RELATED <input checked="" type="checkbox"/>
VENDOR <u>Interstate Steel</u>	DATE <u>1-12-82</u>	PLAN NO. <u>W</u>	PROJECT ENGINEER <u>[Signature]</u> DATE <u>1/14/82</u>
STREET	JOB REFERENCE <u>1023A</u>	QA MANAGER <u>[Signature]</u> DATE <u>9/11/82</u>	
CITY & STATE	CHARGE TO SUB-ACCOUNT NO. <u>7007032P</u>	COST ENGINEER <u>PSW</u> DATE <u>1-14-82</u>	
ATTENTION <u>Bell</u>	SHIP TO:	SPECIAL INSTRUCTIONS:	
<input checked="" type="checkbox"/> CONFIRMING	<input type="checkbox"/> NOT CONFIRMING		

REQUIRED DELIVERY DATE <u>3-25-82</u>	DELIVER TO AREA <u>FITERS LAYDOWN</u>	<input type="checkbox"/> FOR RESALE	SHIP VIA	<input type="checkbox"/> TRUCK-PREPAID	<input type="checkbox"/> RAIL-PREPAID
		<input checked="" type="checkbox"/> TAXABLE	FOB	<input type="checkbox"/> FACTORY	<input checked="" type="checkbox"/> DESTINATION

QUANTITY	PART OR CAT. NO.	DESCRIPTION
<u>4</u>		<u>5'x9' x 1/4" PLATE SA-36, ASME</u>
		The above material is to be used in accordance with ASME SECTION 3 CLASS II SERVICE. Certified material test reports with actual physical and chemical analysis are required. State on A.S.T.M. certified material test reports that physicals and chemical analysis are identical to A.S.T.M. specifications. Material is to be furnished in accordance with ASME SECTION 3 DIVISION 1 with appendix 1074 addenda for use in nuclear class II service. Supplier must be qualified per sub-article MA-3700.
		<u>Std Quality Request per Form JV 43 apply to the PO and applicable Dev QA Programs</u>
		<u>K-2884 AMDH CLASS II FOR: STOCK HANGER MATERIAL EST. COST. \$250</u>
		TERMS: <u>1/201-10</u>

REQUISITIONED BY <u>[Signature]</u>	APPROVED BY <u>[Signature]</u> PROJECT MANAGER
CRAFT: <u>P.F.</u>	
	ILLINOIS POWER CO.

# REQUISITION

## BALDWIN ASSOCIATES

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

NO. MECH- 84153

PURCHASE ORDER NO. C-35741

<input type="checkbox"/> PRICE INQUIRY ONLY TO:	<input checked="" type="checkbox"/> PURCHASE FROM:	NON SAFETY <input type="checkbox"/>	SAFETY RELATED <input checked="" type="checkbox"/>
VENDOR <i>Interstate Steel</i>	DATE <i>2/10/82</i>	PLAN NO. <i>1V</i>	PROJECT ENGINEER <i>R. M. ...</i>
STREET	JOB REFERENCE <i>1023A</i>	QA MANAGER <i>MM</i>	DATE <i>2/15/82</i>
CITY & STATE	CHARGE TO SUB-ACCOUNT NO. <i>7007092P</i>	COST ENGINEER <i>PSW</i>	DATE <i>2-12-82</i>
ATTENTION	SHIP TO:	SPECIAL INSTRUCTIONS:	
<input checked="" type="checkbox"/> CONFIRMING <input type="checkbox"/> NOT CONFIRMING			

REQUIRED DELIVERY DATE <i>2-28-82</i>	DELIVER TO AREA <i>WHSE #4</i>	<input type="checkbox"/> FOR RESALE	SHIP VIA <input type="checkbox"/> TRUCK-PREPAID	<input type="checkbox"/> RAIL-PREPAID
		<input checked="" type="checkbox"/> TAXABLE	FOB <input type="checkbox"/> FACTORY	<input checked="" type="checkbox"/> DESTINATION

QUANTITY	PART OR CAT. NO.	DESCRIPTION
<i>1000'</i>	<i>3PP</i>	<i>2" X 2" X 1/4" ANGLE</i>
		<i>WHSE SA-36</i>
		<i>Purchased 2/22/82 Jaw</i>
		<i>Stamp 3/15/82</i>
		<i>K-2884 WHSE #4</i>
		<i>CLASS II</i>
		<i>FOR WHSE. STOCK.</i>
		<i>TERMS: 1/20-10-30</i>
		<i>NET. COST 300</i>

REQUISITIONED BY <i>E. Muelhauser</i>	APPROVED BY <i>[Signature]</i>
CR: FT. <i>P.F.</i>	PROJECT MANAGER <i>[Signature]</i>
	ILLINOIS POWER CO. <i>2-15</i>



BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

QUALITY CONTROL  
RECEIVING INSPECTION REPORT

RIR No. 5-16893  
DATE 4-16-82

C.P.S. UNIT: 0 SAFETY  NON-SAFETY

SPEC/REV/ADDN: K-2884 AMP #4

VENDOR: INTERSTATE STEEL

PO NO: C-35741

ARRIVAL DATE: 4-15-82

DOCUMENTATION  
 CONFORMS  NO DOCUM. REQ.

TAG TYPE BAP 1.5

TAG NO. BAP 2.3

ISSUED RI-2884

CLEARED

SHEET 1 OF 1

DISPOSITION LEGEND:

- A = CONFORMS
- H = HOLD
- C = CONDITIONAL ACCEPT
- S = ACCEPT STORAGE ONLY
- R = RETURNED OR SCRAPPED

NCR NO.

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		DATE PRELIM DISPOSITION BY	DATE FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL				
25 PCS	NONE	NONE	3"x3"x1/2" ANGLE IRON ASME SA-36 CLASS II	415835	A		M5	4-21-82		PIL
13 PCS			5"x3"x3/8" ANGLE ASME SA-36 CLASS II	85959						
4 PCS			5"x9"x1/4" PLATE ASME SA-36 CLASS II	49051431						
5 PCS			6"x6"x1/2" ANGLE IRON ASME SA-36 CLASS II	14471						
: ALL THE ABOVE, IS NE HANGER MATERIAL.										

INSPECTED BY: Mike Gater

DATE 4-21-82

COMMENTS:

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C.): Larry Salter

DATE 30-82



BETHLEHEM STEEL CORPORATION  
METALLURGICAL DEPARTMENT  
REPORT OF TEST AND ANALYSIS

**DRC  
REFERENCE COPY**

46924 (Rev. 4-78) PLANT	SHIPMENT NO.	DATE SHIPPED	CAR OR VEHICLE NO.	PG 1 LA
SPARROWS PT	1600266	04/06/82		

SOLD TO

SHIP TO

INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

ITEM	SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY					YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %
				NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT			IN.	%	
	CO# 25585-3						GD#	003-4144		6371/2801		45	
	0552 ASME SA36 1974 EDITION IN ACCORD W/QA FROG DTD 11/1/78 PER ASME SECT 3 NCA 3800 NUCLEAR - NON-VESSELS - ASME SECT 3												
31			490S1431	4	1 1/4	60		108	9188	41.0	73.0	E 30	

INTERSTATE STEEL SUPPLY CO.  
Test Reports for  
Baldwin Associates

Your Order # C35741  
Requisition #  
Our Invoice # 47647

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	CHARPY IMPACT															
					TYPE	SIZE	DIR.	TEST TEMP.	ENERGY (FT. LBS.)				DUCTILITY (%)			LAT. EXP.				
									1	2	3	AVG.	1	2	3		1	2		

HEAT NUMBER	CHEMICAL ANALYSIS													
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Co	N	Al	
490S1431	.22	1.08	.005	.021	.004									

RIR  
S-16893



I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

E. B. SHELLY PER  
CHIEF METALLURGIST

PAGE 27-28

# BALDWIN ASSOCIATES

(IN CLINTON)

FRUIN-COLNON CORPORATION      KELSO-BURNETT CO., INC.  
 McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.      POWER SYSTEMS, INC.  
 P.O. BOX 306      CLINTON, ILLINOIS 61727  
 PHONE 217 - 937-1111

Rider # 1      No. C 35741  
 PURCHASE ORDER

**PLAN & SAFETY RELATED**

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE.

VENDOR		ROUTING		SHIP TO:	
<b>Interstate Steel</b> 1800 East Byberry Rd. Philadelphia, Pa. 19115 Attn: Bill Sark		TITLE	APPR.	DATE	<b>CLINTON, IL</b> AREA FOREMAN <b>B. Wong</b>
		DEPT. MGR.			
		PROJ. ENG.			
		Q. A. MGR.			
		PROJ. MGR.			
YOUR REFERENCE:		PUR. MGR.			
DATE	TERMS	CHARGE TO	REQUISITION NO.	SHIP VIA	FO B
3/2/84	1/2of1-10-N-30	1023A 7007032P	89574	Destination	
SEND FOUR COPIES OF ALL INVOICES TO:		<input type="checkbox"/> FOR RESALE <input type="checkbox"/> TAXABLE      n/a 2/24/84		DELIVERY REQUIRED	
P.O. BOX 306 CLINTON, IL 61727				N/A	

QUANTITY	DESCRIPTION
	<p>Deliver the following in accordance with the purchase order terms and conditions          Form No. _____</p> <p><b>Change our P.O. C-35741 to Read:</b></p> <p>"Material to be used in ASME SEC. III Subsection "NF" Class 2 or 3 installation only. Code Case 1728 applies"</p> <p>Std. quality requirements per form JV436 (1/78) including 10CFR50, App-B-4 10CFR21 apply to this order as applicable.</p> <p>Per QA Program Rev 5 10/1/80</p> <p>All certificates of compliance, test reports, inspection reports, NDE records or other material certifications which are required by our Purchase Orders must be received before invoices will be processed for payment. ONE (1) COPY TO ACCOMPANY SHIPMENT          ONE (1) COPY TO BE MAILED</p> <p>ALL DOCUMENTATION WHICH IS TO BE MAILED SHOULD BE ADDRESSED TO:          BALDWIN ASSOCIATES, P.O. BOX 306, CLINTON, IL 61727          ATTN: MANAGER OF QUALITY ASSURANCE</p> <p>REFERENCE P.O. NUMBER ON ALL DOCUMENTATION.</p> <p><b>CONFIRMING:</b>          PLEASE SIGN AND RETURN ACCEPTANCE COPY IMMEDIATELY TO PURCHASING.</p>

BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

PER *[Signature]* AUTHORIZED SIGNATURE

FORM BA-6

NIE

# REQUISITION BALDWIN ASSOCIATES

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

**NO. MECH- 89574**

PURCHASE ORDER NO. C-35741

RIDER 1

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input checked="" type="checkbox"/> PURCHASE FROM:		<input type="checkbox"/> NON SAFETY		<input checked="" type="checkbox"/> SAFETY RELATED	
VENDOR <i>Interstate Steel</i>		DATE <i>2-16-84</i>	PLAN NO. <i>1V</i>	PROJECT ENGINEER <i>[Signature]</i>		DATE <i>2/16/84</i>	
STREET <i>1800 East Byberry Rd</i>		JOB REFERENCE <i>1023A</i>		QA MANAGER <i>[Signature]</i>		DATE <i>2/24/84</i>	
CITY & STATE <i>Philadelphia, Pa 19115</i>		CHARGE TO SUB-ACCOUNT NO. <i>7007032P</i>		COST ENGINEER <i>[Signature]</i>		DATE <i>2-16-84</i>	
ATTENTION <i>Bill Searle</i>		SHIP TO:		SPECIAL INSTRUCTIONS:  <i>N/A</i>			
<input checked="" type="checkbox"/> CONFIRMING		<input type="checkbox"/> NOT CONFIRMING					

REQUIRED DELIVERY DATE <i>N/A</i>	DELIVER TO AREA <i>N/A</i>	<input type="checkbox"/> FOR RESALE	SHIP VIA	<input type="checkbox"/> TRUCK-PREPAID	<input type="checkbox"/> RAIL-PREPAID
		<input checked="" type="checkbox"/> TAXABLE	FOB	<input type="checkbox"/> FACTORY	<input checked="" type="checkbox"/> DESTINATION

QUANTITY	PART OR CAT. NO.	DESCRIPTION
		CHANGE OUR P.O. C-35741 TO READ:
		"MATERIAL TO BE USED IN ASME SEC. III SUBSECTION "NF" CLASS 2 OR 3 INSTALLATION ONLY. CODE CASE 1728 APPLIES"
		<i>Final Entry</i>
		<i>1 X</i>
		Per CIA Program Rev 5 10-1-80
		<i>John 3/1/84</i>
		EST. COST - N/A
		TERMS: <i>1/2 2/1-10-30</i>

REQUISITIONED BY <i>[Signature]</i>	APPROVED BY <i>[Signature]</i> PROJECT MANAGER
CRAFT: <i>[Signature]</i>	DEPT. MGR. APPR. <i>[Signature]</i>

FORM JV-4 (5-78)

DISTRIBUTION: ORIGINAL - PURCHASING    GREEN - EXPEDITING    CANARY - APPROVER  
 WHITE - INVITE TO BID    BLUE - ORIGINATOR    WHITE - Q.A.

WAREHOUSE

ILLINOIS POWER CO.

DRC  
REFERENCE COPY

# INTERSTATE STEEL SUPPLY CO.

1800 East Byberry Road  
Philadelphia, Pa. 19116  
(215) 673-0300

## CERTIFICATE OF COMPLIANCE

YOUR PURCHASE ORDER NO. C35741

INTERSTATE INVOICE NO. 47647

Baldwin Associates  
Clinton Power Station  
Box 306  
Clinton, IL 61727

We certify that the material and processes employed comply with all requirements of your order, including relevant specifications and standards.  
ASME SA-36 Section III Summer of 74 Edition & Addenda Class 2

4 pcs. 1-1/4" x 60" x 108" Plate

INTERSTATE STEEL SUPPLY CO.

By: W. A. Sarle

W. A. Sarle

Quality Assurance Administrator

R I R

S - 16893



HOT ROLLED BARS, STRUCTURALS, SHEETS, PLATES & SPECIALTY ITEMS

PAGE 24

# BALDWIN ASSOCIATES

(IN CLINTON)

No. C 43470

PURCHASE ORDER

FRUIN-COLNON CORPORATION      KELSO-BURNETT CO., INC.  
 McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.    POWER SYSTEMS, INC.  
 P.O. BOX 306      CLINTON, ILLINOIS 61727  
 PHONE 217 - 937-1111

### PLAN & SAFETY RELATED

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE.

VENDOR  <b>Interstate Steel Supply Co.</b> 1800 E. Byberry Rd. Philadelphia, Pa 19116 Attn: Bill Sarle	ROUTING			SHIP TO:  <b>CLINTON, IL</b>  AREA FOREMAN <b>T. Harris</b>
	TITLE	APPR.	DATE	
	DEPT. MGR.			
	PROJ. ENG.			
	Q.A. MGR.			
	PROJ. MGR.			
YOUR REFERENCE:				PUR. MGR.

DATE <b>12/13/83</b>	TERMS <b>net 30</b>	CHARGE TO <b>1026A 3497232</b>	REQUISITION NO. <b>94691</b>	SHIP VIA <b>Destination</b>	FOB
-------------------------	------------------------	-----------------------------------	---------------------------------	--------------------------------	-----

SEND FOUR COPIES OF ALL INVOICES TO: <b>P.O. BOX 306 CLINTON, IL 61727</b>	<input type="checkbox"/> FOR RESALE <input checked="" type="checkbox"/> TAXABLE	DELIVERY REQUIRED <b>Partial 1/4/84 bal. w/other trk loads 2 a wk.</b>
---	--	---

QUANTITY	DESCRIPTION
Deliver the following in accordance with the purchase order terms and conditions Form No. _____	
20	cwt 6,534# 1/4" Thick 4' X 8' Flat Sheet
20	cwt 13,069# 1/2" Thick 4' X 8' Flat Sheet
20	cwt 16,339# 5/8" Thick 4' X 8' Flat Sheet
20	cwt 19,603# 3/4" Thick 4' X 8' Flat Sheet
<p>Note: Htl to be ASTM A-36 CMTR required Each piece stamped with HT #</p> <p>Std. quality requirements per Form JV-436 (1/78) including 10CFR50, App-B- &amp; 10CFR21 apply to this order as applicable.</p> <p>Per QA Program Rev 5 10/1/80</p> <p>All certificates of compliance, test reports, inspection reports, NDE records or other material certifications which are required by our Purchase Orders must be received before invoices will be processed for payment.</p> <p>ONE (1) COPY TO ACCOMPANY SHIPMENT ONE (1) COPY TO BE MAILED</p> <p>ALL DOCUMENTATION WHICH IS TO BE MAILED SHOULD BE ADDRESSED TO: BALDWIN ASSOCIATES, P.O. BOX 306, CLINTON, IL 61727 ATTN: MANAGER OF QUALITY ASSURANCE</p> <p>CONFIRMING: PLEASE SIGN AND RETURN ACCEPTANCE COPY IMMEDIATELY TO PURCHASING</p>	

**BALDWIN ASSOCIATES**

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

*EL*

# REQUISITION

## BALDWIN ASSOCIATES

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

NO. ELEC- 94691 \$

PURCHASE ORDER NO. C-43470

PRICE INQUIRY ONLY TO: <input type="checkbox"/>	PURCHASE FROM: <input checked="" type="checkbox"/>	NON SAFETY <input type="checkbox"/>	SAFETY RELATED <input checked="" type="checkbox"/>
VENDOR: <u>Interstate Steel Supply Co.</u>		DATE: <u>10-21-83</u>	PLAN NO.: <u>IV</u>
STREET: <u>1800 E Byberry Rd</u>		JOB REFERENCE: <u>1026A</u>	PROJECT ENGINEER: <u>[Signature]</u> DATE: <u>2/10/83</u>
CITY & STATE: <u>Philadelphia, Pa 19116</u>		CHARGE TO SUB-ACCOUNT NO.: <u>3197232</u>	COST ENGINEER: <u>[Signature]</u> DATE: <u>1/25</u>
ATTENTION: <u>Bill Dault</u>		SHIP TO:	SPECIAL INSTRUCTIONS:
<input checked="" type="checkbox"/> CONFIRMING <input type="checkbox"/> NOT CONFIRMING <u>800/523-3340</u>			

REQUIRED DELIVERY DATE: <u>11-21-85</u>	DELIVER TO AREA: <u>EW-4</u>	<input type="checkbox"/> FOR RESALE <input checked="" type="checkbox"/> TAXABLE	SHIP VIA	<input type="checkbox"/> TRUCK-PREPAID <input type="checkbox"/> FACTORY	<input type="checkbox"/> RAIL-PREPAID <input checked="" type="checkbox"/> DESTINATION
---	------------------------------	--	----------	--	--

QUANTITY	PART OR CAT. NO.	DESCRIPTION
<del>20</del>	<del>11-7-83</del>	<del>14 GAUGE 4' X 8' FLAT SHEET</del>
20	+ 4,534 <sup>#</sup>	1/4" THICK
20	+ 1,3069 <sup>#</sup>	1/2"
20	+ 16,339 <sup>#</sup>	5/8"
20	+ 17,603 <sup>#</sup>	3/4"
- FINAL ENTRY -		
55,545 <sup>#</sup>		
POINA BUDGETED EST COST \$410,000 PERM PLANT CONDUIT HANGERS		
NOTE 1: MTL TO BE ASTM A-36 NOTE 2: COMTR REQUIRED EACH PIECE STAMPED WITH HT #		
Purchased 12/9/83 Per QA report Ship Partial 1/4/84 Bal. W/lathe 7 lb log 2 a wt.		
11/7/83		

REQUISITIONED BY: <u>[Signature]</u> CRAFT: <u>ELECTRICAL</u> DEPT. MGR. APPR.	APPROVED BY: <u>Ned B. Miller</u> PROJECT MANAGER ILLINOIS POWER CO.
--	--

5-1-AII.1(A)

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

QUALITY CONTROL  
RECEIVING INSPECTION REPORT

RIR No. 5-20344

DATE 1-30-84

RI-1639

C.P.S. UNIT: 1

SAFETY  NON-SAFETY

SHEET 1 OF 1

SPEC/REV/ADDN: K-2949 AND #13

REFERENCE DOCUMENTS:

DOCUMENTATION  
 CONFORMS  NO DOCUM. REQ.

DISPOSITION LEGEND:

VENDOR: INTERSTATE STEEL

BAP 1.5

TAG TYPE AF50

A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED

PO NO: C-43470

BAP 2.3

TAG NO. R-4461

ARRIVAL DATE: 1-30-84

RT-C-43470

ISSUED 2-10-84

CLEARED 2-16-84

NCR NO. \_\_\_\_\_

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM DISPOSITION BY	DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL					
<u>20 Pcs</u>	<u>NONE</u>	<u>NONE</u>	<u>1/2" X 48" X 96" FLAT SHEET ASTM-A-36, TRACABILITY TO HT CODE # AC4</u>	<u>94400-21</u>	<u>S</u>	<u>A</u>	<u>TR</u>	<u>2-10-84</u>	<u>TR</u>	<u>2-16-84</u>	<u>ELEC 4/D</u>

DRG  
REFERENCE COPY

INSPECTED BY: Tate Picee

DATE 2-10-84

COMMENTS: AF50-NO IDR DOC. ACCEPTED PER IDR# 6898

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.): Scott Martin

DATE 2/18/84



PHOENIX STEEL CORPORATION  
CLAYMONT, DELAWARE 19703  
MATERIAL TEST REPORT

01/16/84  
PAGE

SPFC: ASTM A36-81A

SOLD TO: INTERSTATE SUPPLY CO.  
1800 E. BYBERRY RD.  
PHILA., PA 19116

MILL ORD: 11742  
CUST ORD: 34000-B  
TRANS: TRUCK

B/L # - 78

**CHEMICAL ANALYSIS**

HEAT	SERIAL	C	MN	P	S
9440021	LADLE	.14	.48	.010	.011

**PHYSICAL TESTING**

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG.	R.A.	FERRITIC
						KSI	KSI	IN. %	%	GRAIN SIZE
9440021		014	.500	96.00	240.00	43.1	64.6	8	25	

BEND TESTED AND FOUND ACCEPTABLE ✓

20 pcs PL 1/2 x 48 x 96 ✓  
TRACE CODE ACU ✓

**RIR**  
**S-20344**

INTERSTATE STEEL SUPPLY CO.  
Test Reports for:

~~Baldwin Associates~~  
Your Order # C43470 ✓  
Requisition #  
Our Invoice # 787950

NO MERCURY OR RADIUM USED IN MANUFACTURE ✓



02.09.84

**DRG**  
**REFERENCE COPY**

SUBSCRIBED AND SWORN TO ME

THIS DAY OF

\_\_\_\_\_  
NOTARY PUBLIC

I CERTIFY THE ABOVE TO BE  
CORRECT AS CONTAINED IN THE  
RECORDS OF THE CORPORATION.

*Phil Roberts*  
\_\_\_\_\_  
SUPV. OF TESTING, METALLURGICAL

RIR No. S-20137  
1-5-84

QUALITY CONTROL  
RECEIVING INSPECTION REPORT

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

C.P.S. UNIT: 1 SHEET 1 OF 1

SPEC/REV/ADDN: K-2949 AND #13  
VENDOR: INTE RSTATE STEEL SUPPLY  
PO NO: C-43470  
ARRIVAL DATE: 1-3-84

DOCUMENTATION  
 CONFORMS  NO DOCUM. REQ.  
TAG TYPE \_\_\_\_\_  
TAG NO. \_\_\_\_\_  
ISSUED \_\_\_\_\_  
CLEARED \_\_\_\_\_

DISPOSITION LEGEND:  
A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED  
NCR: 1.2.

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION PRELIM	DISPOSITION FINAL	PRELIM. DATE DISPOSITION BY	FINAL DATE DISPOSITION BY	INSPECTION LOCATION
15 EA	NONE	NONE	1/4" X 48" X 96" PLATE ASTM A-36 TRACE CODE "ABB"	422X5051		A		02/10/84	E 1/0
5 EA	NONE	NONE	1/4" X 48" X 96" PLATE ASTM A-36 TRACE CODE "ABH"	422X4731		A		02/10/84	E 1/0
5 EA	NONE	NONE	5/8" X 48" X 96" PLATE ASTM A-36 TRACE CODE "ABN"	402W8091		A		02/10/84	E 1/0
5 EA	NONE	NONE	5/8" X 48" X 96" PLATE ASTM A-36 TRACE CODE "ABL"	9371221		A		02/10/84	E 1/0
10 EA	NONE	NONE	5/8" X 48" X 96" PLATE ASTM A-36 TRACE CODE "ABK"	9385521		A		02/10/84	E 1/0
7 EA	NONE	NONE	3/4" X 48" X 96" PLATE ASTM A-36	422W7811		A		02/10/84	E 1/0
12 EA	NONE	NONE	3/4" X 48" X 96" PLATE ASTM A-36	421W0001		A		02/10/84	E 1/0
1 EA	NONE	NONE	3/4" X 48" X 96" PLATE ASTM A-36	421W1881		A		02/10/84	E 1/0
			DRG						
			REFERENCE COPY						

INSPECTED BY: Dennis D. Jackson DATE: 1-10-84

COMMENTS: DEL. ACCEPTED PER VDR # 6658

Distribution: Original - Records  
Pink & Green - Receiving  
Yellow & Gold - Materials Q.C.

REVIEWED BY (Materials Q.C. Eng. or Insp.): Mott Reister DATE: 1/12/84

BETHLEHEM STEEL CORPORATION  
METALLURGICAL DEPARTMENT  
REPORT OF TEST AND ANALYSIS

44924 (Rev. 3-4-78)

PLANT SPARROWS PT.	SHIPMENT NO. 409- 0872E	DATE SHIPPED 11/04/83	CAR OR VEHICLE NO. RAGN RAGEN TRANSP	PG 1 LAST
-----------------------	----------------------------	--------------------------	---	-----------

**SOLD TO**  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

**SHIP TO**  
INTERSTATE STEEL SUPPLY CO  
C/O INTERSTATE STEEL PROCESSING C  
2522 STATE RD  
BLDG D  
BENSALEM PA 19020

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY					YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %	REMARKS
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT			IN.	%		
CO# 33312E						160 @ 4404	GD#	003-8996	9994	0794	84		
0656		ASTM A36-81A & ASME SA36				1983 EDITION							
		422X0521	4	1/4	96	240	6536	50.6 45.4	73.8 64.5	8 8	20 30	0 0	
		422X4731	12	1/4	96	240	19608	52.8 37.5	70.8 67.5	8 2	21 38	0 0	
		422X5051	11	1/4	96	240	17974	53.8 45.1	70.0 67.3	8 8	25 27	0 0	

DRG  
REFERENCE COPY

BEND TEST A6S14

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	CHARPY IMPACT																
					TYPE	SIZE	DIR.	TEST TEMP.	ENERGY (FT. LBS.)				DUCTILITY (%)			LAT. EXP. (MILS.)					
									1	2	3	AVG.	1	2	3	1	2	3			
✓ 15 pcs.		1/4" x 48" x 96"																			
Trace Code ABG																					

INTERSTATE STEEL SUPPLY CO.  
Test Reports for:  
Baldwin Associates  
Your Order # C43470 ✓  
Requisition #  
Our Invoice # 787940

HEAT NUMBER	CHEMICAL ANALYSIS											McGU GRA SIZ.	
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb		N
4 22X0521	.23	1.11	.008	.010	.030								
422X4731	.22	1.09	.014	.018	.026								
422X5051	✓.21	✓1.05	✓.015	✓.025	✓.040								

RIR  
S-20137  
BACA  
K4  
6 Jan 84

I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

A.C. PANUSKA  
CHIEF METALLURGIST

**BETHLEHEM STEEL CORPORATION**  
**METALLURGICAL DEPARTMENT**  
**REPORT OF TEST AND ANALYSIS**

4 (Rev. 5-79)

SHIPMENT NO. SPARROWS PT. 409- 0872E	DATE SHIPPED 11/04/83	CAR OR VEHICLE NO. RAGN RAGEN TRANSP	PG 1 LAST
---	--------------------------	---	-----------

**SOLD TO**  
 INTERSTATE STEEL SUPPLY CO  
 1800 E BYBERRY RD  
 PHILADELPHIA PA 19116

**SHIP TO**  
 INTERSTATE STEEL SUPPLY CO  
 C/O INTERSTATE STEEL PROCESSING CO  
 2522 STATE RD  
 BLDG D  
 BENSLEM PA 19020

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %	BEND
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH			IN.	%		
CO# 33312E					160 @ 4404 GD#	003-8996		9994	0	79.4	8	4
0656		ASTM A36-81A & ASME SA36			1983 EDITION							
		422X0521	4	1/4	96	240	6536	50.6	73.8	8	20	OK
		422X4731	12	1/4	96	240	19608	45.4	64.5	8	30	OK
		422X5051	11	1/4	96	240	17974	52.8	70.8	8	21	OK
								37.5	67.5	2	38	OK
								53.8	70.0	8	25	OK
								45.1	67.3	8	27	OK

**DRG**  
**REFERENCE COPY**

BEND TEST A6S14

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	CHARPY IMPACT																	
					TYPE	SIZE	DIR.	TEST TEMP.	ENERGY (FT. LBS.)				DUCTILITY (%)			LAT. EXP. (MILS.)						
									1	2	3	AVG.	1	2	3	1	2	3				
		5 pcs. 1/4" x 48" x 96"																				
		Trace Code ABH																				

INTERSTATE STEEL SUPPLY CO  
 Test Reports for  
 Baldwin Associates

Your Order # C43470 ✓  
 Requisition # 787940  
 Our Invoice #

HEAT NUMBER	CHEMICAL ANALYSIS														McQUAY GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	N	Al		
22X0521	.23	4.11	.008	.010	.030										
422X4731	.22	1.09	.014	.018	.026										
422X5051	✓.21	✓1.05	✓.015	✓.025	✓.040										

**RIR**  
**S-20137**

BA/QA  
 V-4  
 6 Jan 84

I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

A.C. PANUSKA  
 CHIEF METALLURGIST

BETHLEHEM STEEL CORPORATION

METALLURGICAL DEPARTMENT

REPORT OF TEST AND ANALYSIS

24 (Rev. 5-4-78)

SHIPMENT NO. SPARROWS PT. 107-06582	DATE SHIPPED 08/19/83	CAR OR VEHICLE NO. RAGN RAGEN TRSPT	PG 1 LAST
--	--------------------------	--	-----------

SOLD TO  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

SHIP TO  
INTERSTATE STEEL SUPPLY CO  
C/O INTERSTATE STEEL PROCESSING CO  
2522 STATE RD  
BLDG D  
BENSALEM PA 19020

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %	BEND
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH			IN.	%		
CO# 32321-B					160	2644	GD# 003-7883	9994	0	29292		
0629		ASTM A36-B1A & ASME SA36										
		401X1881	2	5/8	48	96	1634	45.7	65.8	8	23	OK
		402W8091	18	5/8	48	96	1470	42.6	62.8	8	25	OK
		432W6011	9	5/8	48	96	7353	57.6	77.9	8	25	OK
								45.2	71.1	8	26	OK

DRG  
REFERENCE COPY

BEND TEST A6574

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	CHARPY IMPACT															
					TYPE	SIZE	DIR.	TEST TEMP.	ENERGY (FT. LBS.)				DUCTILITY (%)			LAT. EXP. (MILS.)				
5 pcs		5/8" x 48" x 96"																		
Trace Code ABN					INTERSTATE STEEL SUPPLY CO. Test Reports for Baldwin Associates <hr/> Your Order # C43470 ✓ Requisition # Our Invoice # 787940															

HEAT NUMBER	CHEMICAL ANALYSIS															McQUAY GRAIN SIZE				
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	N	Al							
401X1881	.20	1.05	.013	.025	.030															
402W8091	.16	1.37	.013	.017	.230															
432W6011	.19	.99	.011	.021	.210															

RIR  
S-20187  
BAQA V-A  
6/28/84

I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

A.C. PANUSKA  
CHIEF METALLURGIST

**PHOENIX STEEL CORPORATION**  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

04/29/83  
 PAGE

SPEC: ASTM A36-81A

SOLD TO: INTERSTATE STEEL SUPPLY CO  
 1800 EAST BYBERRY RD  
 PHILA PA 19116

MILL ORD: 10716  
 CUST ORD: 31260-B  
 TRANS: TRUCK

B/L # 1

**CHEMICAL ANALYSIS**

HEAT	SERIAL	C	MN	P	S
8341021	LADLE	.13	.52	.017	.016
9371221	LADLE	.11	.39	.008	.014

**PHYSICAL TESTING**

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG.	R.A.	FERRITIC
						KSI	KSI	IN. %	%	GRAIN SIZE
8341021		001	.625	96.00	240.00	48.6	69.4	8	24	
9371221		007	.500	96.00	240.00	44.3	65.5	8	25	
9371221		004	.625	96.00	240.00	44.3	65.5	8	25	

*PHOENIX STEEL CORPORATION*  
 1800 E BYBERRY RD  
 PHILA PA 19116

BEND TESTED AND FOUND ACCEPTABLE

5 pcs. 5/8" x 48" x96"  
 Trace Code ABL

**DRG  
 REFERENCE COPY**

INTERSTATE STEEL SUPPLY CO.  
 Test Reports for:  
 Baldwin Associates

Your Order # C43470  
 Requisition #  
 Our Invoice # 787940

*RIR  
 S-20137  
 QHK  
 BAGE  
 8/2/84*

SUBSCRIBED AND SWORN TO ME  
 THIS DAY OF

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.  
*E. Stafford*  
 SUPERVISOR OF TESTING METALLOGRAPHY

PHOENIX STEEL CORPORATION  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

SPECIFICATION ASTM A 36, 81A WITH S-14 SUPPL. BEND TESTS

August 2, 1983 B. L. NO.

Structural Steel

CUSTOMER ORDER NO. 32320-B

SOLD TO Interstate Steel Supply Co.  
 1800 E. Byberry Rd.  
 Phila., Pa. 19116

MILL ORDER NO. 11154-21

CAR NO. TRUCK

BEND TEST  
OK

HOMOGENITY TEST

Handwritten: 11/10/83

HEAT NO.	SLAB NO.	CHEMICAL ANALYSIS										YIELD STRENGTH P.S.I.	TENSILE STRENGTH P.S.I.	% ELONG.		SIZE
		C	MN	P	S	SI	CU	NI	CR	MO	2"			8"		
93855-21		.11	.44	.006	.021							37800	62100	30.5		3- 5/8"x96x240"
63583-21		.12	.45	.008	.021							49800	63700	20.0		2- "
83647-21		.11	.43	.009	.025							42400	63200	25.0		2- 3/4"x96x240"
93911-24		.11	.86	.010	.007							44800	68200	28.5		2- "
10 pcs. 5/8" x 48" x 96"																
Trace Code ABK																
MATERIAL IS FREE OF MERCURY, RADIUM & ALPHA CONTAMINATION																
INTERSTATE STEEL SUPPLY CO. Test Reports for: Baldwin Associates																
RIR S-20137																
Your Order # C43470																
Purchase # 787940																

SUBSCRIBED AND SWORN TO BEFORE ME

THIS \_\_\_\_\_ DAY OF \_\_\_\_\_

I CERTIFY THE ABOVE FIGURES ARE CORRECT AS CONTAINED IN THE RECORDS OF THE CORPORATION.

Handwritten signature: E. Stiff

DRG  
 REFERENCE COPY

BETHLEHEM STEEL CORPORATION  
METALLURGICAL DEPARTMENT  
**REPORT OF TEST AND ANALYSIS**

10924 (Rev. 4-78)

SHIPMENT NO. SPARROWS PT. 409- 05731	DATE SHIPPED 07/15/83	CAR OR VEHICLE NO. RAGN RAGEN TRANSP	PG 1 LAST
---	--------------------------	---	-----------

**SOLD TO**

INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

**SHIP TO**

INTERSTATE STEEL SUPPLY CO  
C/O INTERSTATE STEEL PROCESSING CO  
2522 STATE RD  
BLDG D  
BENSALEM PA 19020

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY					YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %	KIN
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT			IN.	%		
CO# 30480-B						160	1836	GD#	003-6227X	9128	0164	32	
0629		ASTM A36-81A & ASME SA36											
		422W7811	11	3/4	48		96		10780	48.6 39.0	73.0 68.5	8-25 2-28	01 01
		422W8241	11	3/4	48		96		10780	42.6 39.4	70.4 67.5	8-24 8-23	01 01

DRG  
REFERENCE COPY

BEND TEST A6S14

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	TYPE	SIZE	DIR.	TEST TEMP.	CHARPY IMPACT			DUCTILITY (%)			LAT. EXP. (MILS.)		
									1	2	3	AVG.	1	2	3	1	2
✓		7 pcs. 3/4" x 48" x 96"							INTERSTATE STEEL SUPPLY CO. Test Reports for: Baldwin Associates								
									Your Order #	C43470	✓						
									Requisition #								
									Our Invoice #	787930							

HEAT NUMBER	CHEMICAL ANALYSIS											McQU. GRAI SIZE	
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb		N
422W7811	.22	1.08	.012	.018	.050								
422W8241	.19	1.05	.019	.025	.040								

BALDWIN  
1/4  
6/15/84

RIR  
S-20137

I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

A.C. PANUSKA  
CHIEF METALLURGIST

PER



10270830A

BETHLEHEM STEEL CORPORATION  
METALLURGICAL DEPARTMENT  
REPORT OF TEST AND ANALYSIS

24 (Rev. 4-78)

SHIPMENT NO. SPARROWS PT.	DATE SHIPPED 08/23/83	CAR OR VEHICLE NO. R0MT ROBBINS MOTOR	PG 1 LAST
------------------------------	--------------------------	--	-----------

SOLD TO  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

SHIP TO  
INTERSTATE STEEL SUPPLY CO  
C/O INTERSTATE STEEL PROCESSING CO  
2522 STATE RD  
BLDG D  
BENSALEM PA 19020

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %	BEND
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH			WT.	DL.		
CO# 30480-B					160	2727	GD# 003-7110A	9128/199101				
0629		ASTM A36-81A & ASME SA36	SUMMER 82 ADD									
		421W0001	41	3/4	48	96	40180	45.5 39.0	64.5 67.0	8 2	28 29	OK OK

DRG  
REFERENCE COPY

BEND TEST A6S14

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	CHARPY IMPACT																
					TYPE	SIZE	DIR.	TEST TEMP.	ENERGY (FT. LBS.)				DUCTILITY (%)			LAT. EXP. (MILS.)					
									1	2	3	AVG.	1	2	3	1	2	3			
			12 pcs. 3/4" x 48" x 96"																		
										INTERSTATE STEEL SUPPLY CO. Test Reports for Baldwin Associates <hr/> Your Order # C43470 ✓ Requisition # Our Invoice # 787980											

HEAT NUMBER	CHEMICAL ANALYSIS														McQUARD GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Co	N	Al		
21W0061	✓.20	✓1.07	✓.008	✓.018	✓.005										

RIR ✓  
S-20137  
6/2/84

I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

A.C. PANUSKA  
CHIEF METALLURGIST

BETHLEHEM STEEL CORPORATION  
METALLURGICAL DEPARTMENT  
REPORT OF TEST AND ANALYSIS

SP24 (Rev. 3-4-78)

PLANT SPARROWS PT.	SHIPMENT NO. 409- 08101	DATE SHIPPED 10/21/83	CAR OR VEHICLE NO. RAGN RAGEN TRANS	PG 1 CONT
-----------------------	----------------------------	--------------------------	--	-----------

SOLD TO  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

SHIP TO  
INTERSTATE STEEL SUPPLY CO  
C/O INTERSTATE STEEL PROCESSING C  
2522 STATE RD  
BLDG D  
BENSALEM PA 19020

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %	REMARKS
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH			IN.	%		
CO# 30480-B					160	3905	GD#	003-7110A	9128	1991	01	
0629	ASTM	A36-81A & ASME SA36										SUMMER 82 ADD
		421W0001	4	3/4	48	96	3920	45.5 39.0	64.5 67.0	8 2	28 29	0 0
		421W0841	30	3/4	48	96	29400	61.3 40.0	74.6 67.0	8 2	20 28	0 0
		421W1681	3	3/4	48	96	2940	41.6 48.0	68.8 70.0	8 2	28 32	0 0

DRG

REFERENCE COPY

BEND TEST A6514

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	CHARPY IMPACT																	
					TYPE	SIZE	DIR.	TEST TEMP.	ENERGY (FT. LBS.)				DUCTILITY (%)			LAT. EXP. (MILS)						
									1	2	3	AVG.	1	2	3	1	2	3				
			✓ 1 pc. 3/4" x 48" x 96"																			
										INTERSTATE STEEL SUPPLY CO. Test Reports for Baldwin Associates <hr/> Your Order # C43470 ✓ Requisition # Our Invoice # 787930												

HEAT NUMBER	CHEMICAL ANALYSIS														McQU GRA. SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Co	N	Al		
421W0001	.20	1.07	.008	.018	.005										
421W0841	.19	1.00	.009	.018	.030										
421W1681	.22	1.09	.010	.016	.040										

RIR  
S-20137

*(Handwritten signature and initials)*  
GJM-84

I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

A.C. PANUSKA  
CHIEF METALLURGIST

# BALDWIN ASSOCIATES

(IN CLINTON)

FRUIN-COLNOR CORPORATION      KELSO-BURNETT CO., INC.  
 McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.      POWER SYSTEMS, INC.  
 P.O. BOX 306      CLINTON, ILLINOIS 61727  
 PHONE 217 - 937-1111

Page 1 of 2

## No. C 43471

### PURCHASE ORDER

#### PLAN 4 SAFETY RELATED

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE.

VENDOR

Interstate Steel Supply Co.  
 1800 E. Byberry Rd.  
 Philadelphia, Pa. 19116  
 Attn: Bill Sarle

ROUTING

TITLE	APPR	DATE
DEPT. MGR.		
PROJ. ENG.		
Q. A. MGR.		
PROJ. MGR.		
PUR. MGR.		

SHIP TO:

CLINTON, IL

AREA FOREMAN

T. Harris

SHIP VIA

Destination

DELIVERY REQUIRED

Partial 12/28/83 balance w/other

truck load

DATE: 12/13/83      TERMS: net 30      CHARGE TO: 1026A 3497232      REQUISITION NO.: 94687

SEND FOUR COPIES OF ALL INVOICES TO:

P.O. BOX 306  
 CLINTON, IL 61727

FOR RESALE  
 TAXABLE

QUANTITY

DESCRIPTION

Deliver the following in accordance with the purchase order terms and conditions

Form No. \_\_\_\_\_:

500	3/8" X 9" X 9" Plate
200	3/8" X 12" X 12" Plate
500	1/2" X 9" X 9" Plate
500	1/2" X 10" X 10" Plate
500	1/2" X 12" X 12" Plate
200	1/2" X 14" X 14" Plate
200	3/4" X 12" X 12" Plate
200	3/4" X 18" X 18" Plate
500	1" X 14" X 14" Plate

Cutting Chg. 3,300 pcs. @ 1.00 ea

Each piece stamped with Ht #

Note: Mtl to be ASTM A-36

CNTR Required

Pcs 3/4" X 18" X 18" if not avail. sub 3/4" X 24" X 24"

Plate tolerance -0+1/16 for all dimensions

Standard quality requirements per Form JV-436 (1/78) including 10CFR50, App-B-8 10CFR21 apply to this order as applicable.

### BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

FORM BA-5

*a*

# BALDWIN ASSOCIATES

(IN CLINTON)

Page 2 of 2

No. C 43471

PURCHASE ORDER

FRUIN-COLNON CORPORATION      KELSO-BURNETT CO., INC.  
 McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC.      POWER SYSTEMS, INC.  
 P.O. BOX 306      CLINTON, ILLINOIS 61727  
 PHONE 217 - 937-1111

**PLAN 4 SAFETY RELATED**

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE.

VENDOR

Interstate Steel Supply Co.

ROUTING

TITLE	APPR.	DATE
DEPT. MGR.		
PROJ. ENG.		
Q.A. MGR.		
PROJ. MGR.		
PUR. MGR.		

SHIP TO:

CLINTON, IL

AREA FOREMAN

T. Harris

YOUR REFERENCE:

DATE	TERMS	CHARGE TO	REQUISITION NO. *
12/13/03	net 30	1026A 3497232	94687

SHIP VIA

Destination

SEND FOUR COPIES OF ALL INVOICES TO: P.O. BOX 306 CLINTON, IL 61727

FOR RESALE  
 TAXABLE

DELIVERY REQUIRED  
 Partial 12/28/03 balance w/other truck loads

QUANTITY

DESCRIPTION

Deliver the following in accordance with the purchase order terms and conditions

Form No. \_\_\_\_\_:

All certificates of compliance, test reports, inspection reports, NDE records or other material certifications which are required by our Purchase Orders must be received before invoices will be processed for payment.

ONE (1) COPY TO ACCOMPANY SHIPMENT  
 ONE (1) COPY TO BE MAILED

ALL DOCUMENTATION WHICH IS TO BE MAILED SHOULD BE ADDRESSED TO:  
 BALDWIN ASSOCIATES, P.O. BOX 306, CLINTON, IL 61727  
 ATTN: MANAGER OF QUALITY ASSURANCE

PER QA Program Rev 5 10/1/80

CONFIRMING:  
 PLEASE SIGN AND RETURN ACCEPTANCE COPY IMMEDIATELY TO PURCHASING.

BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

PER \_\_\_\_\_ AUTHORIZED SIGNATURE

# REQUISITION

## BALDWIN ASSOCIATES

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

NO. ELEC- 94687 \$

PURCHASE ORDER NO. C-43471

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input checked="" type="checkbox"/> PURCHASE FROM:		<input type="checkbox"/> NON SAFETY		<input checked="" type="checkbox"/> SAFETY RELATED	
VENDOR <i>Interstate Steel Supply Co.</i>				DATE <i>10-21-83</i>	PLAN NO. <i>IV</i>	PROJECT ENGINEER <i>[Signature]</i>	DATE <i>24 Oct 83</i>
STREET <i>1800 E. Byberry Rd</i>				JOB REFERENCE <i>102614</i>		QA ENGINEER <i>[Signature]</i>	DATE <i>10/27/83</i>
CITY & STATE <i>Philadelphia, Pa 19116</i>				CHARGE TO SUB-ACCOUNT NO. <i>3197232</i>		COST ENGINEER <i>[Signature]</i>	DATE <i>10/25/83</i>
ATTENTION <i>Bill Sorie</i>				SHIP TO:		SPECIAL INSTRUCTIONS:	
<i>800/523-3340</i>							
<input checked="" type="checkbox"/> CONFIRMING		<input type="checkbox"/> NOT CONFIRMING					

REQUIRED DELIVERY DATE <del><i>11-21-83</i></del> <i>2/1/84</i>	DELIVER TO AREA <i>EW-4</i>	<input type="checkbox"/> FOR RESALE	SHIP VIA	<input type="checkbox"/> TRUCK-PREPAID	<input type="checkbox"/> RAIL-PREPAID
		<input checked="" type="checkbox"/> TAXABLE	FOB	<input type="checkbox"/> FACTORY	<input checked="" type="checkbox"/> DESTINATION

QUANTITY	PART OR CAT. NO.	DESCRIPTION
<i>500</i>		<i>PL 3/8" X 9' X 9" PLATE</i>
<i>200</i>		<i>3/8" X 12" X 12"</i>
<i>500</i>		<i>1/2" X 9" X 9"</i>
<i>500</i>		<i>1/2" X 10" X 10"</i>
<i>500</i>		<i>1/2" X 12" X 12"</i>
<i>200</i>		<i>1/2" X 14" X 14"</i>
<i>200</i>		<i>3/4" X 12" X 12"</i>
<i>200</i>		<i>3/4" X 18" X 18"</i>
<i>500</i>		<i>1" X 14" X 14"</i>

**- FINAL ENTRY -**

*base 12/1/83*      *CUTTING C/PK. 3300 per @ 1.00 EA*

*POINA*      *beginning partial 12/28/83 but without*

**BUDGETED EST COST \$45,000**

**PERM PLANT CONDUIT HANGERS**

**EACH PIECE STAMPED WITH HT #**

**NOTE 1: MTL TO BE ASTM A-36**

**NOTE 2: CMTR REQUIRED**

**NOTE 3: PLS 3/4" X 18" X 18" IF NOT AVAIL - SUB 3/4" X 24" X 24"**

**NOTE 4: PLATE TOLERANCE - 0 + 1/16" R**

**PLATE DIMENSIONS**

REQUISITIONED BY <i>[Signature]</i>	APPROVED BY <i>Nial B. Siler</i>
CRAFT: <b>ELECTRICAL</b>	PROJECT MANAGER
DEPT. MGR. R.P.P.R. <i>1</i>	<i>[Signature]</i>
	ILLINOIS POWER CO.

S-1

-AII.1(A)

DRC

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

### QUALITY CONTROL REFERENCE COPY RECEIVING INSPECTION REPORT

RIR No. 5-20138

DATE 1-4-84

RI-1621

SHEET 1 OF 1

C.P.S. UNIT: 1

SAFETY  NON-SAFETY

SPEC/REV/ADDN: K-2949AMA #13

REFERENCE DOCUMENTS:

DOCUMENTATION

CONFORMS  NO DOCUM. REQ.

DISPOSITION LEGEND:

A=CONFORMS  
H=HOLD  
C=CONDITIONAL ACCEPT  
S=ACCEPT STORAGE ONLY  
R=RETURNED OR SCRAPPED

VENDOR: INTERSTATE STEEL SUPPLY

BAP 1.5

TAG TYPE \_\_\_\_\_

PO NO: C-43471

BAP 2.3

TAG NO. \_\_\_\_\_

ARRIVAL DATE: 1-3-84

RI C-43471

ISSUED \_\_\_\_\_

CLEARED \_\_\_\_\_

NCR NO. \_\_\_\_\_

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM DISPOSITION BY	DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL					
50 EA	NONE	NONE	3/4" X 18" X 18" PLATE ASTM A-36 TRACE CODE "AAY"	8392521		A				1-10-84	E 40

INSPECTED BY: Dennis Jackson

DATE 1-10-84

COMMENTS: DOC ACCEPTED PER VOR # 6655

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp.): SM 1/2/84  
Matt Reker

DATE 1/2/84

**DRC**  
**REFERENCE COPY**

SPEC: ASTM A36-B1A

LD TO: INTERSTATE STEEL SUPPLY CO.  
 1800 E. BYBERRY ROAD  
 PHILA., PA 19116

MILL ORD: 11583 H/L #  
 CUST ORD: 33287-9  
 TRANS: TRUCK

HEAT	SERIAL	C	MN	P	S
8392521	LADLE	.13	.49	.009	.017
8393821	LADLE	.13	.59	.010	.014
9417921	LADLE	.11	.46	.007	.014

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG. IN. %	R.A. %	FERRITIC GRAIN SIZE
						KSI	KSI			
8392521		006	.375	96.00	240.00	52.0	67.3	8	23	
8392521		002	.750	96.00	240.00	43.1	66.6	8	24	
8393821		002	.750	96.00	240.00	38.3	66.7	8	24	
9417921		002	.375	96.00	240.00	42.0	62.2	8	25	

SEND TESTED AND FOUND ACCEPTABLE

INTERSTATE STEEL SUPPLY CO.  
 1800 E. BYBERRY RD  
 BALDWIN ASSOCIATES

043471  
 787891  
 Our Invoice #

NO MERCURY OR MERCURY COMPOUNDS USED IN MANUFACTURE

80 pcs. 3/4" x 18" x 18" Plate  
 Trace Code AAY

REVIEWED AND ACCEPTED

*Lucille Newton* 4-20-84

SUBSCRIBED AND SWORN TO ME

THIS DAY OF

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.

*John A. B...*  
 SURV. OF TESTING, METALLURGICAL

63

NOTARY PUBLIC

RIR #  
 5-20239

BALDWIN ASSOCIATES  
ILLINOIS POWER COMPANY  
CLINTON POWER STATION

QUALITY CONTROL  
RECEIVING INSPECTION REPORT

REFERENCE COPY

RIR No. S-20239

BI-1648

DATE 2-9-84

SHEET 1 OF 1

C.P.S. UNIT: 1

SAFETY

NON-SAFETY

SPEC/REV/ADDN: K-2949 Amd 13

REFERENCE DOCUMENTS:

DOCUMENTATION

CONFORMS  NO DOCUM. REQ.

DISPOSITION LEGEND:

A = CONFORMS  
H = HOLD  
C = CONDITIONAL ACCEPT  
S = ACCEPT STORAGE ONLY  
R = RETURNED OR SCRAPPED

VENDOR: Interstate Steel

BAP 1.5 R/9

TAG TYPE AF50

PO NO: C-43471

BAP 2.3

TAG NO. R-4464

ARRIVAL DATE: 1-13-84

RI C-43471

ISSUED 2-10-84

CLEARED 2-15-84

NCR NO

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM DATE DISPOSITION BY	FINAL DATE DISPOSITION BY	INSPECTION LOCATION
					PRELIM	FINAL			
6 PA	NONE	NONE	3/8" x 9" x 9" Plate A-36 Traceable Code ABT	9239621	S	A	2-10-84	2-15-84	ELD
12 PA	NONE	NONE	3/8" x 9" x 9" Plate A-36 Traceable Code ABU	8293221	S	A	2-10-84	2-15-84	ELD
14 PA	NONE	NONE	3/8" x 9" x 9" Plate A-36 Traceable Code ABV	8346621	S	A	2-10-84	2-15-84	ELD
45 PA	NONE	NONE	3/8" x 9" x 9" Plate A-36 Traceable Code ABW	9324421	S	A	2-10-84	2-15-84	ELD
192 PA	NONE	NONE	3/8" x 9" x 9" Plate A-36 Traceable Code ABX	432N4251	S	A	2-10-84	2-15-84	ELD
62 PA	NONE	NONE	3/8" x 9" x 9" Plate A-36 Traceable Code ACA	8229319	S	A	2-10-84	2-15-84	ELD
96 PA	NONE	NONE	3/8" x 9" x 9" Plate A-36 Traceable Code ACB	9242221	S	A	2-10-84	2-15-84	ELD
26 PA	NONE	NONE	3/8" x 9" x 9" Plate A-36 Traceable Code ACC	9301021	S	A	2-10-84	2-15-84	ELD
50 PA	NONE	NONE	3/8" x 9" x 9" Plate A-36 Traceable Code ACD	9323623	S	A	2-10-84	2-15-84	ELD
60 PA	NONE	NONE	3/8" x 12" x 12" Plate A-36 Traceable Code ABX	432N4251	S	A	2-10-84	2-15-84	ELD
20 PA	NONE	NONE	3/8" x 12" x 12" Plate A-36 Traceable Code ABY	412T0331	S	A	2-10-84	2-15-84	ELD
120 PA	NONE	NONE	3/8" x 12" x 12" Plate A-36 Traceable Code ACB	9242221	S	A	2-10-84	2-15-84	ELD
5 PA	NONE	NONE	3/4" x 18" x 18" Plate A-36 Traceable Code AAZ	9381321	S	A	2-10-84	2-15-84	ELD
80 PA	NONE	NONE	3/4" x 18" x 18" Plate A-36 Traceable Code AAY	8392521	S	A	2-10-84	2-15-84	ELD
65 PA	NONE	NONE	3/4" x 18" x 18" Plate A-36 Traceable Code AAX	8364721	S	A	2-10-84	2-15-84	ELD
204 PA	NONE	NONE	1" x 14" x 14" Plate A-36 Traceable Code ABA	8392067	S	A	2-10-84	2-15-84	ELD
203 PA	NONE	NONE	1" x 14" x 14" Plate A-36 Traceable Code ABB	9419425	S	A	2-10-84	2-15-84	ELD
94 PA	NONE	NONE	1" x 14" x 14" Plate A-36 Traceable Code ABC	8387467	S	A	2-10-84	2-15-84	ELD

INSPECTED BY: C. Price Jr

DATE 2-10-84

COMMENTS: AF50 - No VDR  
ACCEPT PER VDR # 6910 2/2-15-84

Distribution: Original-Records  
Pink & Green-Receiving  
Yellow & Gold-Materials Q.C.

REVIEWED BY (Materials Q.C. Engineer/Insp):

*[Signature]*

DATE 2/16/84



PHOENIX STEEL CORPORATION  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

DRC  
 REFERENCE COPY

REF: ASTM A36 77A ✓

SOLD TO: INTERSTATE STEEL SUPPLY CO.  
 1800 EAST BYBERRY RD.  
 PHILA., PA 19116

MILL ORD: 12820  
 CUST ORD: 24202-B  
 TRANS: TRUCK

B/L # 49

RIR

CHEMICAL ANALYSIS

HEAT	SERIAL	C	MN	P	S
8229319	LADLE	.11	.42	.009	.012
8231621	LADLE	.12	.44	.009	.015
8231821	LADLE	.11	.49	.020	.019
8232321	LADLE	.09 ✓	.48	.007 ✓	.017 ✓
9239621	LADLE	.10	.52	.015	.013
9258421	LADLE	.10	.46	.010	.016
9267721	LADLE	.10	.49	.009	.008

PHYSICAL TESTING

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG. R.A.		FERRITIC GRAIN SIZE
						KSI	KSI	IN. %	%	
8229319		001	.375	96.00	240.00	38.3	63.1	8	31	
8231621		002	.375	96.00	288.00	46.5	69.7	8	29	
31821		001	.375	96.00	288.00	57.4	74.3	8	23	
8232321		002	.375	96.00	288.00	40.8	65.1	8	28	
9239621		004	.375	96.00	288.00	46.0 ✓	67.9 ✓	8	26 ✓	
9258421		002	.500	96.00	288.00	44.3	67.0	8	29	
9267721		002	.375	96.00	240.00	44.0	66.1	8	28	

BEND TESTED AND FOUND ACCEPTABLE ✓

6 pcs. 3/8" x 9" x 9"  
 Trace Code ABT  
 IT 2041



10 FEB 84 INTERSTATE STEEL SUPPLY CO.  
 Test Reports for  
 Baldwin Associates

RIR #  
 5-20239

SUBSCRIBED AND SWORN TO ME

THIS DAY OF

Your Order # C43472 ✓  
 Requisition #  
 Our Invoice # 787870

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.

*[Signature]*

SUPV. OF TESTING, METALLURGICAL

NOTARY PUBLIC

CONTINUED

**PHOENIX STEEL CORPORATION**  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

10/14/82  
 PAGE

**DRC**  
**REFERENCE COPY**

SPEC:  ASTM A36 77A

SOLD TO: INTERSTATE STEEL SUPPLY CO.  
 1800 E. BYBERRY ROAD  
 PHILA., PA 19116

HILL ORD: 13854 B/L # 11  
 CUST ORD: 28716-B  
 TRANS: TRUCK

**PHYSICAL ANALYSIS**

HEAT	SERIAL	C	MN	P	S
8293121	LADLE	.12	.54	.009	.014
8293221	LADLE	.09	.48	.007	.018
9321221	LADLE	.12	.47	.010	.021
9321721	LADLE	.09	.51	.007	.014
9321811	LADLE	.14	.49	.006	.007

**TRANSVERSE BENDING**

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG. IN. %	R.A. %	FERRITIC GRAIN SIZE
						KSI	KSI			
8293121		004	.500	96.00	240.00	47.3	70.3	8	29	
8293221		004	.375	96.00	240.00	56.0	70.0	8	23	
9321221		003	.312	96.00	240.00	50.9	72.3	8	23	
9321721		004	.312	96.00	240.00	46.5	66.4	8	28	
9321811		002	.312	96.00	240.00	51.3	71.0	8	26	

BEND TESTED AND FOUND ACCEPTABLE

12 pcs. 3/8" x 9" x 9"  
 Trace Code ABU  
 ITEM #1



10FES84

INTERSTATE STEEL SUPPLY CO.  
 Test Reports for  
 Baldwin Associates

Your Order # C43472   
 Requisition #  
 Our Invoice # 787870

**RIR**  
**S-20239**

SUBSCRIBED AND SWORN TO ME  
 THIS DAY OF

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.  
*E. Stafford*  
 SUPV. OF TESTING, METALLURGICAL

NOTARY PUBLIC

PHOENIX STEEL CORPORATION  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

05/24/83  
 PAGE

DRC  
 REFERENCE COPY

Spec: ASTM A36-81A ✓

SOLD TO: INTERSTATE STEEL SUPPLY CO.  
 1800 E. BYBERRY ROAD  
 PHILA., PA 19116

MILL ORD: 10776 B/L # 3  
 CUST ORD: 31415 B  
 TRANS: TRUCK

CHEMICAL ANALYSIS						
HEAT	SERIAL	C ✓	MN ✓	P ✓	S ✓	
8346621	LADLE	.11	.45	.007	.016	

PHYSICAL TESTING									
HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE	ELONG.	R.A.	FERRITIC
						KSI	KSI	IN. %	%
8346621	009	.375	96.00	240.00	42.5 ✓	67.6 ✓	8	27 ✓	

BEND TESTED AND FOUND ACCEPTABLE ✓

ITEM # 1  
 14 pcs. 3/8" x 9" x 9"  
 Trace Code ABV ✓

BA/CA  
 V-4  
 10 FEB 84


INTERSTATE STEEL SUPPLY CO.  
 Test Reports for:  
 Baldwin Associates

Your Order # C43472 ✓  
 Requisition #  
 Our Invoice # 787870

RIR  
 S-20239

NO MERCURY OR MERCURY COMPOUNDS USED IN MANUFACTURE

SUBSCRIBED AND SWORN TO ME  
 THIS DAY OF

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.  
  
 SUPV. OF TESTING, METALLURGICAL

03 \_\_\_\_\_  
 NOTARY PUBLIC

PHOENIX STEEL CORPORATION  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

11/18/8  
 PAGE

**DRC**  
**REFERENCE COPY**

SPEC: ASTM A36-81A

SOLD TO: INTERSTATE STEEL SUPPLY CO.  
 1800 E. BYBERRY ROAD  
 PHILA., PA 19116

MILL ORD: 10028  
 CUST ORD: 28875B  
 TRANS: TRUCK

B/L # 15

CHEMICAL ANALYSIS						
HEAT	SERIAL	C	MN	P	S	
8297921	LADLE	.13	.45	.010	.018	
8300321	LADLE	.11	.44	.010	.019	
9324421	LADLE	.11	.52	.012	.017	
9326621	LADLE	.11	.45	.011	.023	

PHYSICAL ANALYSIS										
HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD KSI	TENSILE KSI	ELONG. IN. %	R.A. %	FERRITIC GRAIN SIZE
8297921		003	.375	96.00	240.00	45.2	64.9	8	26	
8297921		003	.750	96.00	240.00	44.4	64.5	8	28	
8300321		001	.750	96.00	240.00	42.6	65.2	8	30	
9324421		004	.375	96.00	240.00	56.9	73.8	8	22	
9326621		001	.375	96.00	240.00	57.0	73.9	8	22	

BEND TESTED AND FOUND ACCEPTABLE ✓

45 pcs. 3/8" x 9" x 9"  
 Trace Code ABW  
 ITEM #1



10 FEB 84

INTERSTATE STEEL SUPPLY CO.  
 Test Reports for  
 Baldwin Associates

Your Order # C43472  
 Requisition #  
 Qty Invoice # 787870

**RIR**  
**S-20239**

SUBSCRIBED AND SWORN TO ME  
 THIS DAY OF

NOTARY PUBLIC

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.

*E. Stifford*  
 SUPV. OF TESTING, METALLURGICAL

BETHLEHEM STEEL CORPORATION

METALLURGICAL DEPARTMENT

REPORT OF TEST AND ANALYSIS

DRC  
REFERENCE COPY

40924 (Rev. 5-4-78)

PLANT SPARROWS PT.	SHIPMENT NO. 409- 10086	DATE SHIPPED 06/24/81	CAR OR VEHICLE NO. CTPT CONTRACTORS TRANS	PG 1 LA.
-----------------------	----------------------------	--------------------------	--	----------

SOLD TO  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

43

SHIP TO  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH			WT.	IN.	
CO# 22336-B					160@6516	GD# 003-23380		8225/028901			
3090		ASTM A36-77A									
		<b>A32N425</b>	7	3/8	72 1/64	240	12866	45.1✓	66.4✓	8 26✓	
		490N3811	4	3/8	72 1/64	240	7352	40.7✓	64.5✓	8 30✓	
								43.2	62.6	8 25	
								39.1	65.2	8 26	

60 pcs. 3/8" x 12" x 12" - ITEM #2  
 192 pcs. 3/8" x 9" x 9" - ITEM #1  
 Trace Code ABX

BVQA  
VA

10 FEB 84

INTERSTATE STEEL SUPPLY CO.  
Test Reports for  
Baldwin Associates

BEND TEST A6314

Your Order # C43472  
 Requisition #  
 Our Invoice # 787870

RIR  
S-20239

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	TYPE	SIZE	DIR.	TEST TEMP.	CHARPY IMPACT				DUCTILITY (%)			LAT. EXP.		
									ENERGY (FT. LBS.)				1	2	3	AVG.	1	2

HEAT NUMBER	CHEMICAL ANALYSIS												
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	N	Al
432N4251	.12	1.04	.010	.018	.200								
490N3811	.19	.93	.007	.024	.004								

I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

E. R. SHELLY

CHIEF METALLURGIST

110339

PHOENIX STEEL CORPORATION  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

DRC  
 REFERENCE COPY

SF ASTM A36 77A ✓

SOLD TO: INTERSTATE STEEL SUPPLY CO.  
 1800 E. BYBERRY RD.  
 PHILA., PA 19116

MILL ORD: 12820  
 CUST ORD: 24202-B  
 TRANS: TRUCK  
 B/L # 31

HEAT	SERIAL	C	MN	P	S
8229319	LADLE	.11✓	.42	.009✓	.012✓
8230221	LADLE	.10	.42	.013	.022
8231821	LADLE	.11	.49	.020	.019

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG. R.A.		FERRITIC GRAIN SIZE
						KSI	KSI	IN. %	%	
8229319	011		.375	96.00	240.00	38.3	63.1	8	31	
8230221	001		.375	96.00	288.00	43.5	65.3	8	25	
8231821	004		.375	96.00	288.00	57.4	74.3	8	23	

D TESTED AND FOUND ACCEPTABLE ✓

ITEM # 1  
 62 pcs. 3/8" x 9" x 9"  
 Trace Code ACA

BA/QA  
 V-4  
 10 FEB 84

INTERSTATE STEEL SUPPLY CO.  
 Test Reports for  
 Baldwin Associates

Your Order # C43472 ✓  
 Requisition #  
 Our Invoice # 787870  
**RIR**  
**S-20239**

SUBSCRIBED AND SWORN TO ME  
 THIS DAY OF

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.

*[Signature]*  
 SUPERVISOR OF TESTING, METALLURGICAL

PHOENIX STEEL CORPORATION  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

10/22  
 PAGE

DRC  
 REFERENCE COPY

SPEC: ASTM A36 77A ✓

SOLD TO: INTERSTATE STEEL SUPPLY CO.  
 1800 E. BYBERRY RD.  
 PHILA., PA 19116

MILL ORD: 12614  
 CUST ORD: 23650-B  
 TRANS: TRUCK

B/L #

CHEMICAL ANALYSIS

HEAT	SERIAL	C	MN	P	S
8213021	LADLE	.09	.39	.010	.018
9242221	LADLE	.10	.39	.011	.015

PHYSICAL TESTING

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG. IN. %	R.A. %	FERRITIC GRAIN SIZE
						KSI	KSI			
8213021		002	.375	72.00	120.00	39.1	62.8	8	30	
9242221		011	.375	60.00	240.00	46.5	71.8	8	27	
9242221		016	.375	72.00	120.00	46.5	71.8	8	27	
9242221		002	.750	84.00	240.00	49.5	67.5	8	27	

pcs. 3/8" x 12" x 12" ITEM#2  
 20 pcs. 3/8" x 9" x 9" ITEM#1  
 Trace Code ACB

BA/QA  
 V-4  
 10 FEB 84

INTERSTATE STEEL SUPPLY CO.  
 Test Reports for  
 Baldwin Associates

Your Order # C43472 ✓  
 Requisition #  
 Our Invoice # 787870

RIR  
 S-20239

SUBSCRIBED AND SWORN TO ME

THIS DAY OF

NOTARY PUBLIC

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.

SUPV. OF TESTING, METALLURGICAL

PHOENIX STEEL CORPORATION  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

06/22/84  
 PAGE

**DRC**  
**REFERENCE COPY**

SPEC: ASTM A36 77A ✓

SOLD TO: INTERSTATE STEEL SUPPLY CO.  
 1800 EAST BYBERRY RD.  
 PHILADELPHIA PA 19116

MILL ORD: 13492 B/L # 300  
 CUST ORD: 26721B  
 TRANS: TRUCK

**CHEMICAL ANALYSIS**

HEAT	SERIAL	C	MN	P	S
8274421	LADLE	.13	.40	.011	.013
9296924	LADLE	.09	.71	.008	.007
9301021	LADLE	.09 ✓	.51	.007 ✓	.009 ✓
9302221	LADLE	.10	.45	.007	.010

**PHYSICAL TESTING**

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG. IN. %	R.A. %	FERRITIC GRAIN SIZE
						KSI	KSI			
8274421		003	.375	96.00	240.00	41.0	63.9	8	28	
9296924		002	.375	96.00	240.00	41.0	65.6	8	28	
9301021		003	.375	96.00	240.00	40.6 ✓	59.6 ✓	8	27 ✓	
9302221		016	.750	48.00	120.00	44.7	64.9	8	26	

BEND TESTED AND FOUND ACCEPTABLE ✓

ITEM # 1  
 26 pcs. 3/8" x 9" x 9"  
 Trace Code ACC

**BVQA**  
**V-4**  
 10 FEB 84

INTERSTATE STEEL SUPPLY CO.  
 Test Reports for:  
**Baldwin Associates**

Your Order # C43472  
 Regulation #  
 Our Invoice # 787870

**RIR**  
**S-20239**

SUBSCRIBED AND SWORN TO ME

THIS DAY OF

NOTARY PUBLIC

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.

*[Signature]*  
 SUPV. OF TESTING, METALLURGICAL



FORM 100-20

PHOENIX STEEL CORPORATION  
CLAYMONT, DELAWARE 19703  
MATERIAL TEST REPORT

DRC  
REFERENCE COPY

Dec. 17<sup>th</sup> 1982

B. L. NO.

SPECIFICATION ASTM A-36<sup>✓</sup> 77A, WITH S-14 SUPPL. BEND TEST

Structural Steel

CUSTOMER ORDER NO. 29063-B

SOLD TO Interstate Steel Supply Co.  
1800 East Byberry Rd.  
Phila., Pa. 19116

MILL ORDER NO. 10070-21

CAR NO. TRUCK

BEND TEST  
**OK**

CHEMICAL ANALYSIS

HEAT NO.	SLAB NO.	CHEMICAL ANALYSIS										YIELD STRENGTH P.S.I.	TENSILE STRENGTH P.S.I.	% ELONG.	
		C	MN	P	S	SI.	CU.	NI.	CR.	MO.	2"			8"	
93236-23		.10	.66	.011	.021							49600	68700	31.0	1

ITEM # 1  
50 pcs. 3/8" x 9" x 9"  
Trace Code ACD

BALDWIN  
10 FEB 83

RIR  
S-20239

INTERSTATE STEEL SUPPLY CO.  
Test Reports from  
Baldwin Associates

Your Order # 043472  
Requisition #  
Our Invoice # 787870

SUBSCRIBED AND SWORN TO BEFORE ME

THIS \_\_\_\_\_ DAY OF \_\_\_\_\_

NOTARY PUBLIC

I CERTIFY THE ABOVE FIG  
CONTAINED IN THE RECORD

*[Signature]*  
SUPERV. OF TESTING

HOMOGENITY TEST

SIZE

3/8" x 96 x 2 1/0"

URES ARE CORRECT AS  
OF THE CORPORATION.

*Handwritten signature*  
... DEPT

BETHLEHEM STEEL CORPORATION  
METALLURGICAL DEPARTMENT  
REPORT OF TEST AND ANALYSIS

**DRC**  
**REFERENCE COPY**

14934 (Rev. 4-78)

PLANT SPARROWS PT.	SHIPMENT NO. 409- 09838	DATE SHIPPED 09/16/82	CAR OR VEHICLE NO. RADM RAGNE TRNSP	PG 1 L
-----------------------	----------------------------	--------------------------	--	--------

SOLD TO  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

SHIP TO  
INTERSTATE STEEL SUPPLY CO  
C/O INTERSTATE STEEL PROCESSING  
701 NORTH BROADWAY  
GLOUCESTER CITY NJ 08030

ITEM	SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED %
				NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH			WEIGHT	IN.	
	CO# 27937-B						160	4578	GD#	003-5123		9994/157753
	5200		ASTM A36-81A ✓									
			412T0331 ✓	4	3/8	96	240	9800	48.0 ✓	69.0 ✓	8	21
									38.0	63.0	2	34
			412T1531	2	3/8	96	240	4900	45.0	71.1	8	26
									38.0	68.0	2	35

ITEM #2  
20 pcs. 3/8" x 12" x 12"  
Trace Code ABY ✓

BAQA  
V-4  
10 FEB 84

INTERSTATE STEEL SUPPLY CO.  
Test Reports from  
Baldwin Associates

BEND TEST A6514

Order # C43472 ✓  
Requisition #  
Our Invoice # 787870  
**RIR**  
**S-20239**

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	CHARPY IMPACT																
					TYPE	SIZE	DIR.	TEST TEMP.	ENERGY (FT. LBS.)				DUCTILITY (%)			LAT. EXP.					
									1	2	3	AVG.	1	2	3	1	2				

HEAT NUMBER	CHEMICAL ANALYSIS													
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Co	N	Al	
412T0331	.20 ✓	1.13	.012	.029	.005									
412T1531	.20	1.07	.012	.017	.050									

I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

E. B. SHELLY

CHIEF METALLURGIST

110339

PHOENIX STEEL CORPORATION  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

06/14/83  
 PAGE

**DRC  
 REFERENCE COPY**

SF ASTM A36-81A ✓

SOLD TO: INTERSTATE STEEL CO.  
 1800 E. BYBERRY ROAD  
 PHILA., PA 19116

MILL ORD: 10967 B/L # 23  
 CUST ORD: 31917B  
 TRANS: TRUCK

**CHEMICAL ANALYSIS**

HEAT	SERIAL	C	MN	P	S
3384921	LADLE	.12	.49	.008	.016
9381321	LADLE	.11 ✓	.41	.006 ✓	.018 ✓

**PHYSICAL TESTING**

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG.		R.A.	FERRITIC
						KSI	KSI	IN. %	%	%	GRAIN SIZE
3384921		001	.750	96.00	240.00	45.2	67.8	8	23		
9381321		003	.750	96.00	240.00	40.2 ✓	61.6 ✓	8	29 ✓		

R I R

S - 20239

BEND TESTED AND FOUND ACCEPTABLE ✓

ITEM # 8

5 pcs 3/4 x 18 x 18  
 Trace Code AAZ



10 FEB 84

INTERSTATE STEEL SUPPLY CO.

Test Reports for:

*Galloway Associates*

Your Order # C43471 ✓

Ref. Invoice #

Our Invoice # 78789

NO MERCURY OR RADIUM USED IN MANUFACTURE

SUBSCRIBED AND SWORN TO ME

THIS DAY OF

NOTARY PUBLIC

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.

SUPV. OF TESTING, METALLURGICAL

**DRC**  
**REFERENCE COPY**

SPEC: ASTM A36-61A

LD TO: INTERSTATE STEEL SUPPLY CO.  
 1800 E. BYBERRY ROAD  
 PHILA., PA 19116

HILL ORD: 11583 H/L #  
 CUST ORD: 33287-B  
 TRANS: TRUCK

HEAT	SERIAL	C	MN	P	S
8392521	LADLE	.13	.49	.009	.017
8393821	LADLE	.13	.59	.010	.014
9417921	LADLE	.11	.46	.007	.014

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD KSI	TENSILE KSI	ELONG. IN. %	R.A. %	FERRITIC GRAIN SIZE
8392521		006	.375	96.00	240.00	52.0	67.3	8	23	
8392521		002	.750	96.00	240.00	43.1	66.6	8	24	
8393821		002	.750	96.00	240.00	38.3	66.7	8	24	
9417921		002	.375	96.00	240.00	42.0	62.2	6	25	

SEND TESTED AND FOUND ACCEPTABLE ✓

INTERSTATE STEEL SUPPLY CO.  
 1800 E. BYBERRY ROAD  
 BALDWIN ASSOCIATES  
 BALDWIN, PA 19004  
 TEL: 484-787891

NO MERCURY OR MERCURY COMPOUNDS USED IN MANUFACTURE

80 pcs. 3/4" x 18" x 18" Plate  
 Trace Code AAY

REVIEWED AND ACCEPTED  
*David R. ...* 4-20-84

SUBSCRIBED AND SWORN TO ME  
 THIS DAY OF

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.  
*Phil ...*  
 SURV. OF TESTING, METALLURGICAL

03 \_\_\_\_\_  
 NOTARY PUBLIC

RIR #  
 5-20239

PHOENIX STEEL CORPORATION  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

**DRC**  
**REFERENCE COPY**

SPECIFICATION ASTM A 36, 81A WITH S-14 SUPPL. BEND TESTS

August 2, 1983 B. L. NO.

Structural Steel

CUSTOMER ORDER NO. 32320-B

ORDER TO Interstate Steel Supply Co.  
1800 E. Byberry Rd.  
Phila., Pa. 19116

MILL ORDER NO. 11154-21

CAR NO. TRUCK

BEND TEST  
 OK ✓

HEAT NO.	SLAB NO.	CHEMICAL ANALYSIS										YIELD STRENGTH P.S.I.	TENSILE STRENGTH P.S.I.	% ELONG.	
		C	MN	P	S	SI.	CU.	NI.	CR.	MO.	2"			8"	
93855-21		.11	.44	.006	.021							37800	62100	30.5	
83583-21		.12	.45	.008	.021							49800	63700	20.0	
<u>83647-21</u>		.11 ✓	.43 ✓	.009 ✓	.025 ✓							42400 ✓	63200 ✓	25.0 ✓	
93911-24		.11	.86	.010	.007							44800	68200	28.5	

ITEM # 8  
 65 pcs 3/4 x 18 x 18  
 Trace Code AAX

**BALDWIN**  
 10 FEB 84  
**BALDWIN**

MATERIAL IS FREE OF MERCURY, RADIUM & ALPHA CONTAMINATION

INTERSTATE STEEL SUPPLY CO.

Test Reports for

*Baldwin Associates*

**RIR**  
**S-20239**

Your Order # C43471 ✓  
 Requisition #  
 Our Invoice # 787891

SUBSCRIBED AND SWORN TO BEFORE ME

I CERTIFY THE ABOVE IS  
 CONTAINED IN THE RECORD

THIS \_\_\_\_\_ DAY OF \_\_\_\_\_

HOMOGENEITY TEST

SIZE

3- 5/8" x 96 x 240"

2- "

2- 3/4" x 96 x 240"

2- "

MEASUREMENTS ARE CORRECT AS SHOWN BY THE CORPORATION.

*W. H. Steyer*

PHOENIX STEEL CORPORATION  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

11/01/83  
 PAGE

DRC  
 REFERENCE COPY

SPEC: ASTM A36-81A ✓

SOLD TO: INTERSTATE STEEL SUPPLY CO.  
 1800 E. BYBERRY ROAD  
 PHILA., PA 19116

MILL ORD: 19356  
 CUST ORD: 33390-B  
 TRANS: TRUCK

B/L # 29

CHEMICAL ANALYSIS

HEAT	SERIAL	C	MN	P	S
8387467	LADLE	.12	1.13	.017	.012
8392067	LADLE	.13	1.07	.007	.012
9419425	LADLE	.13	1.06	.010	.014

PHYSICAL TESTING

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG.	R.A.	FERRITIC
						KSI	KSI	IN. %	%	GRAIN SIZE
8387467		001	1.000	96.00	240.00	58.8	78.8	8	21	
8392067		002	1.000	96.00	240.00	56.9	79.5	8	20	
9419425		002	1.000	96.00	240.00	42.5	70.5	8	31	

BEND TESTED AND FOUND ACCEPTABLE ✓

Item #9

204 pcs 1 x 14 x 14  
 Trace Code ABA

NO MERCURY OR MERCURY COMPOUNDS USED IN MANUFACTURE



10 FEB 84

INTERSTATE STEEL SUPPLY CO.  
 Test Reports for

*Baldwin Associates*  
 Your Order # C43471  
 Requisition #  
 Cut Invoice # 78-7891

RIR

S-20239

SUBSCRIBED AND SWORN TO ME

THIS DAY OF

NOTARY PUBLIC

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.

*Phil Watts*  
 SUPV. OF TESTING, METALLURGICAL



PHOENIX STEEL CORPORATION  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

11/01/83  
 PAGE

DRC  
 REFERENCE COPY

SPEC: ASTM A36-81A ✓

SOLD TO: INTERSTATE STEEL SUPPLY CO.  
 1800 E. BYBERRY ROAD  
 PHILA., PA 19116

MILL ORD: 19356  
 CUST ORD: 33390-B  
 TRANS: TRUCK

B/L # 29

CHEMICAL ANALYSIS

HEAT	SERIAL	C	MN	P	S
8387467	LADLE	.12	1.13	.017	.012
8392067	LADLE	.13	1.07	.007	.012
9419425	LADLE	.13	1.06	.010	.014

PHYSICAL TESTING

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG.	R.A.	FEARRITIC
						KSI	KSI	IN. %	%	GRAIN SIZE
8387467		001	1.000	96.00	240.00	58.0	78.8	8	21	
8392067		002	1.000	96.00	240.00	56.9	79.5	8	20	
9419425		002	1.000	96.00	240.00	42.5	70.5	8	31	

BEND TESTED AND FOUND ACCEPTABLE ✓  
 ITEM # 9

203 pcs 1' x 14' x 14'  
 Trace Code ABB



NO MERCURY OR MERCURY COMPOUNDS USED IN MANUFACTURE

INTERSTATE STEEL SUPPLY CO.  
 Test Reports for:

*Baldwin Associates*

Your Order # 043471 ✓  
 Requisition #  
 Our Invoice # 787891

RIR

S-20239

SUBSCRIBED AND SWORN TO ME

THIS DAY OF

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.

*Paul White*  
 SUPV. OF TESTING, METALLURGICAL

NOTARY PUBLIC

PHOENIX STEEL CORPORATION  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

11/01/83  
 PAGE

**DRC  
 REFERENCE COPY**

SPEC: ASTM A36-81A

SOLD TO: INTERSTATE STEEL SUPPLY CO.  
 1800 E. BYBERRY ROAD  
 PHILA., PA 19116

MILL ORD: 19356  
 CUST ORD: 33390-B  
 TRANS: TRUCK  
 I/L # 29

**CHEMICAL ANALYSIS**

HEAT	SERIAL	C	MN	P	S
8387467	LADLE	.12	1.13	.017	.012
8392067	LADLE	.13	1.07	.007	.012
9419425	LADLE	.13	1.06	.010	.014

**PHYSICAL TESTING**

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG.		R.A.	FERRITIC
						KSI	KSI	IN. %	%	%	GRAIN SIZE
8387467		001	1.000	96.00	240.00	58.8	78.8	8	21		
8392067		002	1.000	96.00	240.00	56.9	79.5	8	20		
9419425		002	1.000	96.00	240.00	42.5	70.5	8	31		

BEND TESTED AND FOUND ACCEPTABLE ✓

ITEM #9

94 pcs 1 x 14 x 14  
 Trace Code ABC

BAQA  
 V-4  
 10 FEB 84

NO MERCURY OR MERCURY COMPOUNDS USED IN MANUFACTURE

INTERSTATE STEEL SUPPLY CO.

Test Reports for:

*Baldwin Associates*

Your Order # C 43471 ✓

Requisition #

Our Invoice # 787891

RIR

S-20239

SUBSCRIBED AND SWORN TO ME

THIS DAY OF

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.

*Paul Watts*

SUPV. OF TESTING, METALLURGICAL

03 \_\_\_\_\_  
 NOTARY PUBLIC

**DRC**  
**QUALITY CONTROL REFERENCE COPY** No. 5 20497  
**RECEIVING INSPECTION REPORT**  
 BI-1655

BALDWIN ASSOCIATES  
 ILLINOIS POWER COMPANY  
 CLINTON POWER STATION

DATE 2-23-84

C.P.S. UNIT: 1

SAFETY  NON-SAFETY

SHEET 1 OF 2

SPEC/REV/ADDN: K 2949

REFERENCE DOCUMENTS:

DOCUMENTATION  
 CONFORMS  NO DOCUM. REQ.

DISPOSITION LEGEND:

VENDOR: INTERSTATE STEEL

BAP 15

TAG TYPE

PO NO: C 43471

BAP 23

TAG NO.

RI C-43471

ISSUED

ARRIVAL DATE: 2-23-84

CLEARED

QUANTITY AND UNIT	VEND. SER. OR CAT. #	EQUIP. OR MPL NO.	DESCRIPTION	HEAT NUMBER	DISPOSITION		PRELIM. DATE	FINAL DISPOSITION BY	DATE	INSPECTION LOCATION
					PRELIM	FINAL				
201 PLS	NONE	NONE	3/4" X 12" X 12" PLATE A-36 HT# 9342121	CODE	A			YS 3/7/84	ELC/LD	
449 PLS	NONE	NONE	1/2" X 9" X 9" PLATE A-36 HT# 9440021	ABZ	A			YS 3/7/84	ELC/LD	
240 PLS	NONE	NONE	1/2" X 10" X 10" PLATE A-36 HT# 9440021	ACO	A			YS 3/7/84	ELC/LD	
343 PLS	NONE	NONE	1/2" X 12" X 12" PLATE A-36 HT# 9440021	ACO	A			YS 3/7/84	ELC/LD	
102 PLS	NONE	NONE	1/2" X 14" X 14" PLATE A-36 HT# 9440021	ACD	A			YS 3/7/84	ELC/LD	
6 PLS	NONE	NONE	1/2" X 10" X 10" PLATE A-36 HT# 944062R	ACW	A			YS 3/7/84	ELC/LD	
8 PLS	NONE	NONE	1/2" X 12" X 12" PLATE A-36 HT# 944062R	ACW	A			YS 3/7/84	ELC/LD	
42 PLS	NONE	NONE	1/2" X 14" X 14" PLATE A-36 HT# 944062R	ACW	A			YS 3/7/84	ELC/LD	
168 PLS	NONE	NONE	1/2" X 10" X 10" PLATE A-36 HT# 9385921	ACE	A			YS 3/7/84	ELC/LD	
54 PLS	NONE	NONE	1/2" X 12" X 12" PLATE A-36 HT# 9385921	ACE	A			YS 3/7/84	ELC/LD	
4 PLS	NONE	NONE	1/2" X 14" X 14" PLATE A-36 HT# 9385921	ACE	A			YS 3/7/84	ELC/LD	
3 PLS	NONE	NONE	1/2" X 9" X 9" PLATE A-36 HT# 9421421	ACM	A			YS 3/7/84	ELC/LD	
50 PLS	NONE	NONE	1/2" X 10" X 10" PLATE A-36 HT# 9421421	ACM	A			YS 3/7/84	ELC/LD	
8 PLS	NONE	NONE	1/2" X 14" X 14" PLATE A-36 HT# 9334121	ACH	A			YS 3/7/84	ELC/LD	
57 PLS	NONE	NONE	1/2" X 9" X 9" PLATE A-36 HT# 8352821	ACV	A			YS 3/7/84	ELC/LD	
9 PLS	NONE	NONE	1/2" X 10" X 10" PLATE A-36 HT# 8352821	ACV	A			YS 3/7/84	ELC/LD	
18 PLS	NONE	NONE	1/2" X 12" X 12" PLATE A-36 HT# 8352821	ACV	A			YS 3/7/84	ELC/LD	
11 PLS	NONE	NONE	1/2" X 10" X 10" PLATE A-36 HT# 9193821	ACJ	A			YS 3/7/84	ELC/LD	
62 PLS	NONE	NONE	1/2" X 12" X 12" PLATE A-36 HT# 9193821	ACJ	A			YS 3/7/84	ELC/LD	

INSPECTED BY: J. G. Bortner

DATE 3/7/84

COMMENTS: DOC ACCEPTED PER VDR 10060

Distribution: Original - Records  
 Pink - Green-Receiving  
 Yellow & Gold - Materials Q.C.

Reviewed by: *Matthias Richter* on 3/7/84

REVIEWED BY (Materials Q.C. Eng'g/Insp.):

DATE

12/84



PHOENIX STEEL CORPORATION  
 CLAYHORN, DELAWARE 19702  
 MATERIAL TEST REPORT

01/28/80  
 PAGE

**DRC**  
**REFERENCE COPY**

SAFC: ASTM A36-81A

SOLE TO: INTERSTATE STEEL SUPPLY CO.  
 1800 E. BYBERRY ROAD  
 PHILA., PA 19116

HILL ORD: 10330  
 CUST ORD: 30050-B  
 TRANS: TRUCK

B/L # 103

HEAT	SERIAL	C	MN	P	S
8313721	LADLE	.10	.49	.013	.017
9341921	LADLE	.12	.42	.007	.018
9342121	LADLE	.11 ✓	.51	.011 ✓	.015 ✓
9342821	LADLE	.14	.47	.012	.019
9341921	LADLE	.12	.42	.007	.018

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG. IN. %	R.A. %	FERRITIC GRAIN SIZE
						KSI	KSI			
9341921		002	.750	96.00	240.00	41.5	64.1	8	29	
9342121		003	.750	84.00	240.00	45.7 ✓	67.5 ✓	8	25 ✓	
9342821		001	.750	84.00	240.00	41.7	71.1	8	29	
9342821		002	.750	96.00	240.00	41.7	71.1	8	29	
8313721		001	.750	84.00	240.00	45.5	65.2	8	30	

BEND TESTED AND FOUND ACCEPTABLE ✓

Trace Code ABZ  
 200 pcs. 3/4" x 12" x 12" ✓

ENQA  
 V-4  
 2 FEB 84

SUBSCRIBED AND SWORN TO ME

THIS DAY OF

RIR

S-20497

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORD OF THE

*E. [Signature]*

SUPV. OF TESTING, METALLURGICAL

NOTARY PUBLIC

PHOENIX STEEL CORPORATION  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

01/16/84  
 PAGE

DRC  
 REFERENCE COPY

SPEC: ASTM A36-81A

SOLD TO: INTERSTATE SUPPLY CO.  
 1800 E. BYBERRY RD.  
 PHILA., PA 19116

HILL ORD: 11742  
 CUST ORD: 34000-B  
 TRANS: TRUCK

B/L # - 78

CHEMICAL ANALYSIS

HEAT	SERIAL	C	MN	P	S
9440021	LADLE	.14 ✓	.48	.010 ✓	.011 ✓

PHYSICAL TESTING

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG.		R.A.	FERRITIC
						KSI	KSI	IN. %	%		
9440021		014	.500	96.00	240.00	43.1 ✓	64.6 ✓	8	25 ✓		

BEND TESTED AND FOUND ACCEPTABLE ✓

Trace Code ACO  
 449 pcs. 1/2" x 9" x 9"  
 240 pcs. 1/2" x 10" x 10"  
 340 pcs. 1/2" x 12" x 12"  
 102 pcs. 1/2" x 14" x 14"

BA/QA  
 VA  
 2 March 84

INTERSTATE STEEL SUPPLY CO.

Test Reports for:

Baldwin Associates

Your Order # C4347/1  
 Requisition #  
 Our Invoice # 787871

NO MERCURY OR RADIUM USED IN MANUFACTURE

RIR

S-20497

SUBSCRIBED AND SWORN TO ME  
 THIS DAY OF  
 \_\_\_\_\_  
 NOTARY PUBLIC

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.  
 \_\_\_\_\_  
 SUPV. OF TESTING, METALLURGICAL

**PHOENIX STEEL CORPORATION**  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

01/16/81  
 PAGE

**DRC**  
**REFERENCE COPY**

SPEC: ASTM A36-81A

SOLD TO: INTERSTATE SUPPLY CO.  
 1800 E. BYBERRY RD.  
 PHILA., PA 19116

HILL ORD: 11742  
 CUST ORD: 34000-B  
 TRANS: TRUCK

B/L # 79

**CHEMICAL ANALYSIS**

HEAT	SERIAL	C	MN	P	S
8412321	LADLE	.09	.45	.010	.016
944062R	LADLE	.09	.49	.011	.013
9440921	LADLE	.12	.55	.011	.007

**PHYSICAL TESTING**

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG.	R.A.	FERRITIC
						KSI	KSI	IN. %	%	GRAIN SIZE
8412321		001	.750	98.00	240.00	37.0	58.7	8	30	
944062R		006	.500	98.00	240.00	42.5	60.7	8	25	
9440921		003	.750	98.00	240.00	39.1	60.1	8	27	

BEND TESTED AND FOUND ACCEPTABLE ✓

Trace Code ACW

- 6 pcs. 1/2" x 10" x 10" ✓
- 8 pcs. 1/2" x 12" x 12" ✓
- 42 pcs. 1/2" x 14" x 14" ✓

**BA/QA**  
**V-4**  
*Zmaehl*

INTERSTATE STEEL SUPPLY CO.

Test Reports for:

Baldwin Associates

Your Order # C43472

Requisition #

Our Invoice # 787871

NO MERCURY OR RADIUM USED IN MANUFACTURE

**RIR**

**S-20497**

SUBSCRIBED AND SWORN TO ME

THIS DAY OF

NOTARY PUBLIC

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION

SUPV. OF TESTING, METALLURGICAL

PHOENIX STEEL CORPORATION  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

06/30/82  
 PAGE

DRC  
 REFERENCE COPY

SPEC: ASTM A36-B1A

SOLD TO: INTERSTATE STEEL SUPPLY CO.  
 1800 EAST BYBERRY RD.  
 PHILA, PA 19116

MILL ORD: 11028 B/L # 1  
 CUST ORD: 32077-B  
 TRANS: TRUCK

CHEMICAL ANALYSIS

HEAT	SERIAL	C	MN	P	S
9385921	LADLE	.11 ✓	.48	.019 ✓	.025 ✓

PHYSICAL TESTING

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG. R.A.		FERRITIC GRAIN SIZE
						KSI	KSI	IN. %	%	
9385921		010	.500	60.00	240.00	45.9 ✓	55.3 ✓	8	26 ✓	

BEND TESTED AND FOUND ACCEPTABLE ✓

NO MERCURY OR MERCURY COMPOUNDS USED IN MANUFACTURE

Trace Code ACE

168 pcs. 1/2" x 10" x 10" ✓  
 54 pcs. 1/2" x 12" x 12" ✓  
 4 pcs. 1/2" x 14" x 14" ✓

BA/QA  
 V.A.  
 2 March 84

INTERSTATE STEEL SUPPLY CO.

Test Reports for:

Baldwin Associates

Your Order # C43472  
 Acquisition #  
 Our Invoice # 787871

RIR

S-20497

SUBSCRIBED AND SWORN TO ME

THIS DAY OF

NOTARY PUBLIC

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.

SUPV. OF TESTING METALLURGICAL



**DRC**  
**REFERENCE COPY**

SPEC: ASTM A36-81A

TO: INTERSTATE STEEL SUPPLY CO.  
 1800 E. BYBERRY ROAD  
 PHILA. PA 19116

MILL ORD: 11619 B/L # 29  
 CUST ORD: 33390-B  
 TRANS: TRUCK

**CHEMICAL ANALYSIS**

HEAT	SERIAL	C	MN	P	S
9421421	LADLE	.11	.49	.006	.008

**PHYSICAL TESTING**

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG.	R.A.	FERRITIC
						KSI	KSI	IN. %	%	GRAIN SIZE
9421421		003	.500	96.00	240.00	44.7	64.1	8	26	

BEND TESTED AND FOUND ACCEPTABLE ✓

Trace Code ACM

31 pcs. 1/2" x 9" x 9" ✓  
 50 pcs. 1/2" x 10" x 10" ✓

BAQA  
 V-4  
 2 March 84

INTERSTATE STEEL SUPPLY CO.  
 Test Reports for  
 Baldwin Associates

Your Order # C43472  
 Requisition #  
 Our Invoice # 787871

NO MERCURY OR MERCURY COMPOUNDS USED IN MANUFACTURE

**RIR**  
**S-20497**

SUBSCRIBED AND SWORN TO ME

THIS DAY OF

\_\_\_\_\_  
 NOTARY PUBLIC

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.

*Paul Roberts*  
 SUPV. OF TESTING, METALLURGICAL

PHOENIX STEEL CORPORATION  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

12/20/85  
 PAGE

DRC  
 REFERENCE COPY

IC: ASTM A36-B1A

SOLD TO: INTERSTATE STEEL SUPPLY CO.  
 1800 E. BYBERRY RD.  
 PHILA., PA 19116

MILL ORD: 10191  
 CUST ORD: 29585-B  
 TRANS: TRUCK

B/L # 99999

CHEMICAL ANALYSIS						
HEAT	SERIAL	C	MN	P	S	
9334121	LADLE	.11 ✓	.42	.011 ✓	.018 ✓	

PHYSICAL TESTS							YIELD TENSILE		ELONG. R.A.		FERRITIC
HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	KSI	KSI	IN. %	%	GRAIN SIZE	
9334121		009	.500	72.00	240.00	44.4 ✓	64.1 ✓	3	28 ✓		
9334121		006	.750	72.00	240.00	43.0	64.5	8	31		

BEND TESTED AND FOUND ACCEPTABLE

Trace Code ACH  
 8 pcs. 1/2" x 14" x 14" ✓

BA/QA  
 V-4  
 Zman 8/4

INTERSTATE STEEL SUPPLY CO.  
 Test Reports for:  
 Baldwin Associates

Your Order # C43472  
 Requisition #  
 Our Invoice # 787871

RIR  
 S-20497

SUBSCRIBED AND SWORN TO ME  
 THIS DAY OF

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.

*E. Stafford*  
 SUPV. OF TESTING, METALLURGICAL

NOTARY PUBLIC

PHOENIX STEEL CORPORATION  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

06/13/83  
 PAGE

**DRC  
 REFERENCE COPY**

S. C.: ASTM A36-81A

SOLD TO: INTERSTATE STEEL SUPPLY CO.  
 1800 EAST BYBERRY RD.  
 PHILA., PA 19116

MILL ORD: 10865  
 CUST ORD: 30601-B  
 TRANS: TRUCK

B/L # 3

**CHEMICAL ANALYSIS**

HEAT	SERIAL	C	MN	P	S
9352821	LADLE	.11	.36	.006	.020
9381121	LADLE	.10	.48	.009	.015
9381321	LADLE	.11	.41	.006	.018
9382421	LADLE	.11	.44	.009	.026
9381321	LADLE	.11	.41	.006	.018
9382421	LADLE	.11	.44	.009	.026

**PHYSICAL TESTING**

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG.	R.A.	FERRITIC
						KSI	KSI	IN. %	%	GRAIN SIZE
8352821		003	.500	96.00	240.00	40.7	63.1	8	26	
8352821		003	.500	96.00	288.00	40.7	63.1	8	26	
1121		003	.375	96.00	240.00	54.0	67.9	8	25	
9381321		003	.375	96.00	240.00	40.4	62.0	8	25	
9382421		003	.375	96.00	240.00	44.0	63.6	8	28	

MATERIAL IS FREE OF MERCURY, RADIUM OR ALPHA CONTAMINATION

BEND TESTED AND FOUND ACCEPTABLE ✓

Trace Code ACV  
 5 pcs. 1/2" x 9" x 9"  
 9 pcs. 1/2" x 10" x 10"  
 18 pcs. 1/2" x 12" x 12"

BA/QA  
 V-4  
 2 March 84

INTERSTATE STEEL SUPPLY CO.

Test Reports for:

Baldwin Associates

Your Order # C43472  
 Requisition #  
 Our Invoice # 787871

SUBSCRIBED AND SWORN TO ME

THIS DAY OF

RIR

S-20497

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION

*E. Stafford*

SUPV. OF TESTING, METALLURGICAL

PHOENIX STEEL CORPORATION  
CLAYMONT, DELAWARE 19703  
MATERIAL TEST REPORT

DRC  
REFERENCE COPY

April 20, 1981 B.L. NO.

SPECIFICATION ASTM A 36 With 8-14 Bend Test 77A

Structural Steel

CUSTOMER ORDER NO. 21713-B

SOLD TO Interstate Steel Supply Co.  
1800 East Byberry Rd.  
Phila., PA 19116

MILL ORDER NO. 11953-21

CAR NO. Truck

BEND TEST  
OK

HEAT NO.	SLAB NO.	CHEMICAL ANALYSIS											YIELD STRENGTH P.S.I.	TENSILE STRENGTH P.S.I.	% ELONG.	
		C	MN	P	S	SI.	CU.	NI.	CR.	MO.	2"	8"				
91938-21		.10	.47	.009	.014								53200	69000	27.2	
91950-11		.11	.47	.011	.013								42000	66100	30.0	
<p>INTERSTATE STEEL SUPPLY CO. Test Reports for Baldwin Associates</p> <p>Your Order # C43472</p> <p>Requisition #</p> <p>Our Invoice # 787871</p>																
<p>Trace Code ACJ</p> <p>11 pcs 1/2" x 10" x 10" ✓</p> <p>62 pcs 1/2" x 12" x 12" ✓</p>																
<p>BA/CA V4</p> <p>Z. Maubey</p> <p>S-20497 RIR</p>																

SUBSCRIBED AND SWORN TO BEFORE ME

THIS 23rd DAY OF April  
Francis A. Tubney  
NOTARY PUBLIC

I CERTIFY THE ABOVE FIGURES  
CONTAINED IN THE RECORD

HOMOGENITY TEST

HOMOGENITY TEST

SIZE

3- 1/2"x84x240"

11

RES ARE CORRECT AS  
OF THE CORPORATION.

**DRC  
REFERENCE COPY**

**PHOENIX STEEL CORPORATION**  
CLAYMONT, DELAWARE 19703  
MATERIAL TEST REPORT

04/29/  
PAGE

SPEC:   ASTM A36-81A

SOLD TO:           INTERSTATE STL SUPL.  
                    1800 E. BYBERRY RD.  
                    PHILA.                   PA 19116

MILL ORD: 10716  
CUST ORD: 31260-B  
TRANS:   TRUCK

B/L # 30000

**CHEMICAL ANALYSIS**

HEAT	SERIAL	C	MN	P	S
8341021	LADLE	.13	.52	.017	.016
9371221	LADLE	.11 ✓	.39	.008 ✓	.014 ✓

**PHYSICAL TESTING**

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD TENSILE		ELONG.	R.A.	FERRITIC
						KSI	KSI	IN. %	%	GRAIN SIZE
8341021		003	.500	96.00	240.00	48.6	69.4	8	24	
9371221		003	.500	96.00	240.00	44.3	65.5	8	25	

BEND TESTED AND FOUND ACCEPTABLE ✓

Trace Code ACK  
18 pcs. 1/2" x 12" x 12" ✓

BA/OA  
V-4  
*2 made by*

**INTERSTATE STEEL SUPPLY CO.**  
Test Reports from  
**Baldwin Associates**

Your Order #    C43472  
Requisition #  
Our Invoice #    787871

**RIR**  
**S-20497**

SUBSCRIBED AND SWORN TO ME

THIS       DAY OF

I CERTIFY THE ABOVE TO BE  
CORRECT AS CONTAINED IN THE  
RECORDS OF THE CORPORATION.

*E. Stifford*

BETHLEHEM STEEL CORPORATION  
METALLURGICAL DEPARTMENT  
REPORT OF TEST AND ANALYSIS

DRC

REFERENCE COPY

44924 (Rev. 3-4-78)

PLANT SPARROWS PT.	SHIPMENT NO. 409-0578E	DATE SHIPPED 07/20/83	CAR OR VEHICLE NO. RAGN RAGEN TRAILER
-----------------------	---------------------------	--------------------------	--

SOLD TO  
INTERSTATE STEEL SUPPLY CO  
1300 E BYBERRY RD  
PHILADELPHIA PA 19116

SHIP TO  
INTERSTATE STEEL SUPPLY CO  
C/O INTERSTATE STEEL PROCESSING  
2522 STATE RD  
BLDG D  
BENSALEM PA 19020

ITEM	SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD KSI	TENSILE STRENGTH KSI	ELONG.		REMARKS	
				NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH			WEIGHT	IN.		%
	CO# 32155-84					160	1948	GD#	003-7675A		9994/2955	61	
	5200		ASTM A36-81A										
01			432W7641	3	1/2	96		240	9801	49.6 38.0	72.0 68.0	8 2	25 33
01			432W8141	4	1/2	96		240	13068	54.0 38.9	76.9 73.3	8 8	22 30
02			432W7641	6	1/4	96		240	9804	49.6 38.0	72.0 68.0	8 2	25 33

BEND TEST A6314

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	CHARPY IMPACT												
					TYPE	SIZE	DIR.	TEST TEMP.	ENERGY (FT. LBS.)				DUCTILITY (%)			LAT. EXP.	
									1	2	3	AVG.	1	2	3	1	2
Trace Code ACT 44 pcs. 1/2" x 14" x 14" ✓					INTERSTATE STEEL SUPPLY CO Test Reports for: Baldwin Associates Your Order # C43472 Requisition # Our Invoice # 787871												

BAWA  
K-4  
Zmarby

HEAT NUMBER	CHEMICAL ANALYSIS													
	C	Mn	P	S	Si	Cu	NI	Cr	Mo	V	Cb	N	Al	
432W7641	.22	1.11	.016	.025	.030									
432W8141	.23	1.05	.014	.024	.050									

RIR  
S-20497

I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

A.C. PANUSKA  
CHIEF METALLURGIST

PHOENIX STEEL CORPORATION  
 CLAYMONT, DELAWARE 19703  
 MATERIAL TEST REPORT

09/29/80  
 PAGE 1

DRC  
 REFERENCE COPY

SPEC: ASTM A36 77A

SOLD TO: INTERSTATE STEEL SUPPLY CO  
 1800 E. BYBERRY ROAD  
 PHILA PA 19116

MILL ORD: 13789 B/L #  
 CUST ORD: 28140-B  
 TRANS: TRUCK

CHEMICAL ANALYSIS

HEAT	SERIAL	C	MN	P	S
9316221	LADLE	.10	.49	.008	.017

PHYSICAL TESTING

HEAT	SERIAL	PCS	GAUGE	WIDTH	LENGTH	YIELD KSI	TENSILE KSI	ELONG. IN. %	R.A. %	FERRITIC GRAIN SIZE
9316221		004	.500	72.00	240.00	43.2	66.8	8	27	

BEND TESTED AND FOUND ACCEPTABLE ✓

Trace Code ACS  
 16 pcs. 1/2" x 10" x 10" J

BA/QA  
 V-4  
 2 March 84

INTERSTATE STEEL SUPPLY CO.  
 Test Reports for:  
 Baldwin Associates

Your Order # 1 C43472  
 Requisition #  
 Our Invoice # 787871

SUBSCRIBED AND SWORN TO ME

THIS DAY OF

NOTARY PUBLIC

RIR  
 S-20497

I CERTIFY THE ABOVE TO BE  
 CORRECT AS CONTAINED IN THE  
 RECORDS OF THE CORPORATION.

SUPV. OF TESTING, METALLURGICAL



BETHLEHEM STEEL CORPORATION  
METALLURGICAL DEPARTMENT  
REPORT OF TEST AND ANALYSIS

DRC  
REFERENCE COPY

46924 (Rev. 3-4-78)	PLANT	SHIPMENT NO.	DATE SHIPPED	CAR OR VEHICLE NO.	PG 1 LA
	SPARROWS PT.	409- 09838	09/16/82	RAGN RAGNE TRNSP	

SOLD TO  
INTERSTATE STEEL SUPPLY CO  
1800 E BYBERRY RD  
PHILADELPHIA PA 19116

SHIP TO  
INTERSTATE STEEL SUPPLY CO  
C/O INTERSTATE STEEL PROCESSING  
701 NORTH BROADWAY  
GLOUCESTER CITY NJ 08030

ITEM	SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %
				NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH			WEIGHT	IN.	
	CO# 27937-B					160@4578	GD#	003-5123A	9994	28	29	09
	5200		ASTM A36-81A									
			412T3081	3	1/2	96		240	9801			
									45.2	68.4	8	22
									38.5	62.5	8	30
			Trace Code ACF									
			15 pcs. 1/2" x 9" x 9"									

BAVQA  
K4  
2 made by

INTERSTATE STEEL SUPPLY CO.  
Test Reports for:  
Baldwin Associates

Your Order # C43472  
Requisition #  
Our Invoice # 787871

BEND TEST A6S14

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	CHARPY IMPACT																
					TYPE	SIZE	DIR.	TEST TEMP.	ENERGY (FT. LBS.)				DUCTILITY (%)			LAT. EXP.					
									1	2	3	AVG.	1	2	3	1	2				

HEAT NUMBER	CHEMICAL ANALYSIS													
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	N	Al	
412T3081	.22	.99	.009	.024	.030									
								RIR						
								S-20497						

I certify that the above results are a true and correct copy of records prepared and maintained by Bethlehem in compliance with the requirements of the specification cited above.

E. B. SHELLY  
CHIEF METALLURGIST

# BALDWIN ASSOCIATES

(IN CLINTON)

Rider # 1 No. C 43471

PURCHASE ORDER

FRUIN-COLNON CORPORATION

KELSO-BURNETT CO., INC.

McCARTIN-McAULIFFE MECHANICAL CONTRACTOR, INC. POWER SYSTEMS, INC.

P.O. BOX 306 CLINTON, ILLINOIS 61727  
PHONE 217 - 937-1111

**PLAN & SAFETY RELATED**

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, SHIPPING PAPERS AND CORRESPONDENCE.

VENDOR

Interstate Steel Supply Co.  
1800 E. Eyberry Rd.  
Philadelphia, Pa. 19116  
Attn: Bill Sarle

ROUTING

TITLE	APPR.	DATE
DEPT. MGR.		
PROJ. ENG.		
Q A MGR.		
PROJ. MGR.		
PUR. MGR.		

SHIP TO:

CLINTON, IL

AREA

FOREMAN

T. Harris

YOUR REFERENCE:

DATE

3/12/84

TERMS

net 30

CHARGE TO

1026A 3497232E

REQUISITION NO.

95341

SHIP VIA

Destination

FOB

SEND FOUR COPIES OF ALL INVOICES TO:

P.O. BOX 306  
CLINTON, IL 61727

FOR RESALE

TAXABLE 3/6/84

DELIVERY REQUIRED

N/A

QUANTITY

DESCRIPTION

Deliver the following in accordance with the purchase order terms and conditions

Form No. \_\_\_\_\_

Extend our P.O. 43471, dated 12/13/83 to include the following change

Rider to accept shipment overages as below:

Did Read:

1 PL 3/8" X 9" X 9" Plate

1 PL 1" X 14" X 14" Plate

Now Reads:

1 PL 3/8" X 9" X 9" Plate

1 PL 1" X 14" X 14" Plate

Original Contract Amount
Previous Changes
This Change
Revised Contract Amount

All notes remain in effect.

Std. quality requirements per form JV436 (1/78) including 10CFR50, App-B-4 10CFR21 apply to this order as applicable.

Per QA Program Rev 5 10/1/80

CONFIRMING:

PLEASE SIGN AND RETURN ACCEPTANCE COPY IMMEDIATELY TO PURCHASING.

BALDWIN ASSOCIATES

ACCEPTED \_\_\_\_\_

PER \_\_\_\_\_

AUTHORIZED SIGNATURE

PER \_\_\_\_\_

AUTHORIZED SIGNATURE

EL

# REQUISITION

## BALDWIN ASSOCIATES

NO. ELEC- 95341

PURCHASE ORDER NO. RIDER 1  
43471

(IN CLINTON)  
P.O. BOX 306, CLINTON, ILLINOIS 61727

<input type="checkbox"/> PRICE INQUIRY ONLY TO:		<input checked="" type="checkbox"/> PURCHASE FROM:		NON SAFETY <input type="checkbox"/>		SAFETY RELATED <input checked="" type="checkbox"/>	
VENDOR <u>Interstate Steel Supply Co</u>		DATE <u>2-23-84</u>	PLAN NO. <u>IV</u>	PROJECT ENGINEER <u>R. D. Hyden</u>		DATE <u>2-29-79</u>	
STREET <u>1800 E. Bryson Rd</u>		JOB REFERENCE <u>1026A</u>		QA MANAGER <u>JK</u>		DATE <u>3/6/84</u>	
CITY & STATE <u>Philadelphia, Pa 19116</u>		CHARGE TO SUB-ACCOUNT NO. <u>3497235 E</u>		COST ENGINEER <u>JK</u>		DATE <u>3-1-84</u>	
ATTENTION <u>Bill Sade</u>		SHIP TO: <u>Tuscola</u>		SPECIAL INSTRUCTIONS: <u>TOP: NIA</u>			
<input checked="" type="checkbox"/> CONFIRMING		<input type="checkbox"/> NOT CONFIRMING					

REQUIRED DELIVERY DATE <u>NIA</u>	DELIVER TO AREA <u>EW-4</u>	<input type="checkbox"/> FOR RESALE	SHIP VIA <input type="checkbox"/> TRUCK-PREPAID	<input type="checkbox"/> RAIL-PREPAID
		<input checked="" type="checkbox"/> TAXABLE	FOB <input type="checkbox"/> FACTORY	<input checked="" type="checkbox"/> DESTINATION

QUANTITY	PART OR CAT. NO.	DESCRIPTION
		EXTEND OUR POC 43471 <sup>DATED</sup> <del>BID</del> 12/13/83
		TO INCLUDE THE FOLLOWING CHGS:
		RIDER TO ACCEPT SHIPMENT
		AVERAGES AS BELOW
		DID READ:
<u>500</u>		TR 3/8" x 9" x 9" PLATE
<u>500</u>		TR 1" x 14 x 14 PLATE
		NOW READS:
<u>503</u>		TR 3/8 x 9 x 9 PLATE
<u>501</u>		TR 1" x 14 x 14" PLATE
		- FINAL ENTRY - 3050
		POINA
		BUDGETED EST COST
		PERM PLANT CONDUIT HAKRS
		ALL NOTES REMAIN IN EFFECT
		Original Contract 178 Revised Change This Change Revised Contract
		Per OAT Program Rev 5 10/1/80 Undated

REQUISITIONED BY <u>Hyden</u>	APPROVED BY <u>R. D. Hyden</u>
CRAFT: <u>ELECTRICAL</u>	PROJECT MANAGER
TERMS: <u>Net 30</u>	<u>J. M. [Signature]</u>
DEPT. MGR APPR. <u>[Signature]</u>	ILLINOIS POWER CO.