

# ENERGY STEEL & SUPPLY CO.

DETROIT - NASHVILLE  
GENERAL OFFICES  
2685 LAPEER RD.  
PONTIAC, MI 48057  
313-373-4880

August 11, 1983

Mr. James G. Keppler  
Regional Administration  
United States Regulatory Commission  
799 Roosevelt Rd.  
Glyn Ellyn, IL 60137

Subject: Report of Non-Conformance under Federal Regulation 10 -  
CFR 21.

Re: Our Purchase Order PD-830509  
Our NCR No. 0027  
Johnson Control's NCR No.:  
SR-888

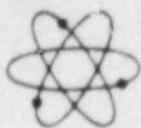
Dear Mr. Keppler:

Pursuant to my conversation yesterday, August 10th, 1983, with your Mr. James Konklin (312-932-2500), we wish to file a report of Non-Conformance under Federal Regulation 10 CFR Part 21 and outlined as follows:

- 1.) Energy Steel & Supply Co. is the informant to the NRC under the signature of the writer.
- 2.) The material in question of 8-pieces W 10 X 33 X 20-0 beams which are to be used for a critical Safety Related NF Support in a Containment Building. This is the only location that we supplied the beams in question to.
- 3.) The material in question has been sold to Johnson Controls, Inc. through a contract with United Engineers & Constructors, Inc. at the Seabrook Power Station, Seabrook, New Hampshire.
- 4.) The material in question as determined by Johnson Controls, Inc. is out of web tolerance (See enclosure).
- 5.) We were informed of the defect by Johnson Controls, Inc. on June 2, 1983. The NCR was officially submitted to us by Johnson Controls, Inc. under their NCR #SR-888 dated June 8, 1983, and received by Energy Steel & Supply Co. on June 20, 1983. (See enclosure).

8308190415 830811  
PDR ADOCK 05000443  
S PDR

TEI 9  
AUG 15 1983



Mr. James G. Keppler  
United States Regulatory Commission  
August 11, 1983  
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- 6.) On Monday, August 10, 1983, a meeting was held in Seabrook at our request between Johnson Controls, Inc., United Engineers & Constructors, Inc., and Energy Steel & Supply Co. in an effort to examine and resolve this matter.

It was explained by Energy Steel & Supply Co. that the material being rejected was purchased from ITT Grinnell, Chicago, IL who in turn purchased the material from Inland Steel Co., Chicago, IL.

Energy Steel & Supply Co. explained that it had notified ITT Grinnell on June 3rd, 1983, of the rejection. ITT said they would take the problem up with U.S. Steel Supply Co. who in turn would notify Inland Steel Co.

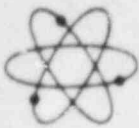
In the time period from June 3, 1983, through August 3, 1983, Energy Steel had made numerous calls to ITT Grinnell in an effort to resolve this rejection with virtually no response.

Energy Steel & Supply Co. received a call on Friday, July 22nd, from Inland Steel Co. informing us that they felt their product was fully within the specified mill tolerances for that section. Energy Steel explained that we understood their position, however, in reviewing the specifications of ASTM A-6 Johnson Controls, Inc. insisted that this material was non-conforming and out of tolerance and therefore was rejecting it.

In our meeting at Seabrook, United Engineers & Constructors, Inc. also took the position of Johnson Controls, Inc. and said the material was rejectable even though they personally did not inspect the material in question.

It was further stated that although both United Engineers and Constructors, Inc. and Johnson Controls, Inc. purchase and receive material to the same specifications that United Engineers & Constructors and Johnson Controls perform two different receiving inspections.

- 7.) Energy Steel & Supply Co. feels that it has responded responsibly in every way in an effort to resolve this non-conformance. It is clearly stated however, that the material supplier (Energy Steel) is not responsible for dimensional conformance, but in fact that responsibility of the Material Manufacturer to assure conformance to the material specifications. (See enclosures.)



Mr. James Keppler  
United States Regulatory Commission  
August 11, 1983  
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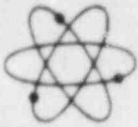
- 8.) Energy Steel & Supply Co. is in agreement that Inland Steel Co. is correct in their determination based upon the fact that Energy Steel has personally inspected the non-conforming beams. It was suggested by Energy Steel to both ITT Grinnell and Inland Steel that Inland Steel attend the meeting scheduled for August 8, 1983. Inland Steel declined to attend and in addition has refused to send a mill representative to the job site to determine in fact whether the beams in question are in conformance or non-conformance to the material specification.

Very truly yours,

ENERGY STEEL & SUPPLY CO.

Michael R. Mitchell  
President

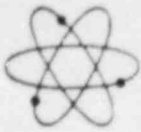
- Enclosures: (A) Energy Steel letters dated: June 3, 1983  
June 30, 1983  
August 10, 1983
- (B) Energy Steel Purchase Order PD-830509  
830509-A (Amended)
- (C) Energy Steel Inter-Office memos dated:  
June 1, 2, 6, 8, 1983; August 3 & 9th, 1983.
- (D) ITT Grinnell letter dated August 9, 1983.  
ITT Grinnell Certificate of Compliance for material supplied.
- (E) Johnson Controls, Inc. NCR #SR-888 Dated June 8, 1983.
- (F) ASME file letter NI-81-6 Dated July 13, 1981.
- (G) Inland Steel's response Dated August 3, 1983.



Mr. James Keppler  
United States Regulatory Commission  
August 11, 1983  
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References: 3812, 3813, 3861 (B) (1), NCA-3867.1, 3867.2, 3868,  
3868.3, 4134.7.

cc: D. Mitchell  
M. Gawron  
R. Genung  
R. Gotwald  
Johnson Controls, Inc.



# ENERGY STEEL & SUPPLY CO.

DETROIT - NASHVILLE  
GENERAL OFFICES  
2685 LAPEER RD.  
PONTIAC, MI 48057  
313-373-4880

June 3, 1983

ITT Grinnell  
4425 South Western Ave.  
Chicago, IL 60609

Attn: Mr. Herb Otto, Manager

Re: PD-830509A ordered 5/9/83

Dear Mr. Otto:

Of the 10-pcs W 10 @ 33# X 20'-0 from Inland, 8-pcs have a main web dimension of between .250 to .260. Specification dictates a thickness of .290. For this reason our customer is rejecting the material.

As ITT and Energy Steel are both suppliers, we are not responsible for dimensional conformance. Therefore, please present this claim to Inland Steel and advise of the necessary steps to rectify or replace.

Awaiting your response, I remain,

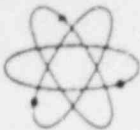
Very truly yours,

ENERGY STEEL & SUPPLY CO.

Margo A. Gawron  
Q.A. Manager

MAG/kc  
enclosures

cc: Michael R. Mitchell  
President



# ENERGY STEEL & SUPPLY CO.

DETROIT - NASHVILLE  
GENERAL OFFICES  
2685 LAPEER RD.  
PONTIAC, MI 48057  
313-373-4880

June 30, 1983

ITT Grinnell Corp.  
Attn: Credit Department  
P.O. Box 98194  
Chicago, IL 60693

Re: Invoice 54936  
54937  
54938

Gentlemen:

Enclosed please find our check for payment as follows:

<u>Invoice</u>	<u>Remarks</u>
54937	Paid in Full
54938	Paid in Full
54936	*Partial payment in the amount of for 2-pcs received.

\*Note: There are 8-pcs W 10 X 33 X 20-0 which have had an NCR issued against them as they have been rejected for being out of mill tolerance. A copy of our NCR No. 0027 is attached for your records.

We are awaiting your return shipping instructions and replacement material for the above 8-pcs. We will of course issue a final payment as soon as a disposition has been made on the above.

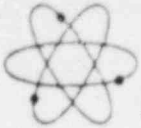
Very truly yours,

ENERGY STEEL & SUPPLY CO.

Dene' J. Mitchell  
Vice President

DJM/kc





# ENERGY STEEL & SUPPLY CO.

DETROIT - NASHVILLE  
GENERAL OFFICES  
2685 LAPEER RD.  
PONTIAC, MI 48057  
313-373-4880

August 10, 1983

Mr. Daniel Zienty  
Q.C. Manager  
ITT Grinnell Corp.  
425 S. Western Ave.  
Chicago, IL 60609

Re: Our PO #PD-830509  
Our NRC #0027  
Johnson Controls' NCR-#SR-888

Dear Mr. Zienty:

Please be advised that Energy Steel & Supply Co. has filed with the Nuclear Regulatory Commission (NRC) today a report concerning our above order and our NCR #0027 under the provisions Federal Regulation 10 CFR Part 21.

Upon conclusion of our meeting Monday between Johnson Controls, Inc., and United Engineers & Constructors, Inc., it was determined by both parties that this material was to be used for a Critical Safety Related NF Support and that the web tolerances are out of mill tolerance on 8-pieces and unacceptable.

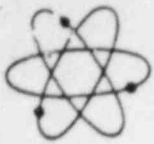
We are still awaiting your response from Inland Steel.

Sincerely,

ENERGY STEEL & SUPPLY CO.

Michael R. Mitchell  
President

MRM/kc  
cc: D. Mitchell



# ENERGY STEEL & SUPPLY CO.

## PURCHASE ORDER

No. P- D-830509

ABOVE NUMBER MUST APPEAR  
ON ALL DOCUMENTS AND COR-  
RESPONDENCE CONCERNING  
THIS ORDER.

No. I- D-830233

To: —

CV-36

Ship To: — Hanlon Gregory Industries  
5501 Butler St.  
Pittsburgh, PA. 15201

DETROIT - NASHVILLE  
GENERAL OFFICES  
955 MEDINAH DR.  
ROCHESTER, MI 48063  
313-375-0700

SHIP VIA: Motor Freight

TERMS:

DATE OF ORDER	DATE REQ'D.	F.O.B.	PREPAID	COLLECT	CERTIFICATION REQ'D.	QA REVIEW
5/6/83	5/11/83	Pitts., PA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	YES	M.A.G.
5-pc	W 10 x 30 x 20'-0	(3,300#)				
SA-36, Section III, Sub-section NF, Class 2,						
1977 Edition through Winter 1977 Addenda, NCA 3300,						
10CFR50, Appendix B and 10 CFR 21 apply.						
THE REQUIREMENTS NOTED ON THE ATTACHED SPECIAL PUR-						
CHASE ORDER REQUIREMENTS FORM ARE AN INTEGRAL PART						
OF THIS PURCHASE ORDER AND MUST BE ADHERED TO. ANY						
EXCEPTIONS MUST BE APPROVED BY ENERGY STEEL & SUPPLY						
CO.						
Confirming to Harry Rizzo						
DO NOT DUPLICATE						

This Material to Tennessee or Michigan State Sales or Use Tax. ( ) ☐

This Material is for resale and/or consumption or use in industrial processing and therefore

is not subject to the Tennessee or Michigan State Sales or Use Tax. (X) ☒

ENERGY STEEL & SUPPLY CO.

Per Michael R. Mitchell

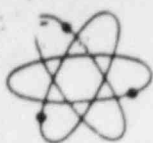
AUTHORIZED SIGNATURE

President

**VENDOR MUST RETURN ATTACHED ACKNOWLEDGEMENT AT ONCE. INVOICE IN DUPLICATE.**

Please enter our order for the following, subject to conditions and instructions named herein. IMPORTANT — This order is not valid until the attached acknowledgment has been signed and returned. This order expressly limits acceptance to the terms stated herein and any additional or different terms stated herein and any additional or different terms proposed by the seller are rejected unless expressly assented to in writing. THIS ORDER IS SUBJECT TO THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF. No other form of acceptance is binding on ENERGY STEEL & SUPPLY CO.





# ENERGY STEEL & SUPPLY CO.

ATTENTION

To: \_\_\_\_\_

QV-86

# NUCLEAR

## PURCHASE ORDER

No. P- 0-11350-4

ABOVE NUMBER MUST APPEAR  
ON ALL DOCUMENTS AND COR-  
RESPONDENCE CONCERNING  
THIS ORDER.

No. I- D-1131233

Ship To: \_\_\_\_\_

Hannon-Gregory Industries  
5511 Butler St.  
Pittsburgh, PA 15201

DETROIT - NASHVILLE  
GENERAL OFFICES  
955 MEDINAH DR.  
ROCHESTER, MI 48063  
313-375-0700

SHIP VIA: Motor Freight

TERMS:

DATE OF ORDER	DATE REQ'D.	F.O.B.	PREPAID	COLLECT	CERTIFICATION REQ'D.	QA REVIEW
5/9/83	5/11/83	Pitts., PA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	YES	NO

Amendment to our PA-830509

Change from: 5-pcs W 10 @ 30# X 20'-0" (3000#)

Change to: 10-pcs W 10 @ 33# X 20'-0" (6600#)

All other terms and conditions remain unchanged

2 EA 21862-A  
2 " 21862-B  
2 " 21862-C  
2 " 21862-D  
2 " 21862-F

# NUCLEAR

Confirming to Jerry Rizzo

Do Not Duplicate

This Material is Tennessee or Michigan State Sales or Use Tax. ( )

This Material is for resale and/or consumption or use in industrial processing and therefore

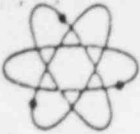
is not subject to the Tennessee or Michigan State Sales or Use Tax. ( )

ENERGY STEEL & SUPPLY CO.

By: Michael R. Mitchell President  
AUTHORIZED SIGNATURE

VENDOR MUST RETURN ATTACHED ACKNOWLEDGEMENT AT ONCE. INVOICE IN DUPLICATE.

Please enter our order for the following, subject to conditions and instructions named herein. IMPORTANT — This order is not valid until the attached acknowledgment has been signed and returned. This order expressly limits acceptance to the terms stated herein and any additional or different terms stated herein and any additional or different terms proposed by the seller are rejected unless expressly assented to in writing. THIS ORDER IS SUBJECT TO THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF. No other form of acceptance is binding on ENERGY STEEL & SUPPLY CO.



## SPECIAL PURCHASE ORDER REQUIREMENTS MATERIAL FOR NUCLEAR APPLICATION

P.O. No.: PD-830509

### 1. Quality Program Specification

- ☒ 10CFR50
- ☒ ANSI N45.2
- ☒ ASME Section III, Sub-Article  
NCA 3800, 1977 edition through  
Winter, 1977 addenda.
- ☒ ASME Section III, Article  
NF, Class 2
- ☒ Reporting requirements of  
10CFR21.
- ☐ Other \_\_\_\_\_
- ☐ Other \_\_\_\_\_

### 2. Material Certification Requirements

- ☒ Material manufacturer certified  
material test reports.
- ☐ Certificate of Compliance
- ☐ Certificate of Conformance
- ☒ Certification must accompany  
shipment. (3 copies of  
certification are required.)  
Attention: M. Gawron
- ☐ Statement that material was produced in  
accordance with your Quality System-  
Program Rev. #      dated       
audited by Energy Steel on       
Must appear on Certified Mill Test Report.
- ☒ Statement that material was produced  
to ASME Section III, NCA-3800 must appear  
on Certified Mill Test Reports.
- ☐ Manufacturers Quality System Certificate  
(MM) Number & Expiration Date must appear  
on Certified Mill Test Reports.
- ☒ Suppliers Quality System Certificate  
(MS) Number & Expiration Date must appear  
on Certified Mill Test Reports.

### 3. Marking Requirements

- ☒ Marked per material spec-  
ification.
- ☐ All material die stamped  
with heat number.
- ☒ Low stress die stamps must  
be used.
- ☐ Die Stamp Not Permitted.
- ☒ Heats may not be comingled  
in bundles.
- ☐ To be packaged and shipped  
in accordance with ANSI/  
ASME N45.2-1978 (Level D)
- ☐ \_\_\_\_\_

### 4. Supplementary Requirements

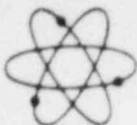
- ☐ Bend test per \_\_\_\_\_
- ☐ Charpy Impact Tests per \_\_\_\_\_
- ☐ Ultrasonic Inspection per \_\_\_\_\_
- ☐ Heat treatment per \_\_\_\_\_
- ☐ No weld repair permitted.
- ☐ Galvanized per \_\_\_\_\_

### 5. Shipping Requirements

- ☒ All shipments must be made  
on FLAT BED TRUCKS. Load  
must be tarped.

APPROVED: *Andrew N. [Signature]*

CUSTOMER: ID-830233



## ENERGY STEEL & SUPPLY CO.

### INTRA-COMPANY MEMORANDUM

TO: Michael R. Mitchell

DATE: June 1, 1983

FROM: Margo A. Gawron

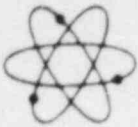
SUBJECT: ID 830233 10 @ 33 X 20'-0 WF 10-pcs.

Leo Bourgoin called this date at 4:45pm to advise that PSC was rejecting 8 of the 10-pcs. of WF 10 @ 33# X 20-0.

I verbally notified Dan Zienty of ITT (Q.C. Manager) and he will put in a claim at ITT.

Informed Mr. Zienty, as Mr. Bourgoin had informed me, that the dimension of the web is from .250 to .260 -- thinner than the rest. The thickness of this material was to be .292 to meet specification for SA 6.

mg



## ENERGY STEEL & SUPPLY CO.

### INTRA-COMPANY MEMORANDUM

TO: Michael R. Mitchell  
FROM: Margo A. Gawron  
SUBJECT: Claim to ITT for ID 830233

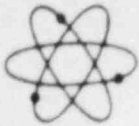
DATE: 6-2-83

Spoke to Mr. Jeff Gardner, Sr. QA Engineer, Rhode Island, (401-831-7000 ext. 376). He indicated that material must meet weight per foot and cross sectional area. We should check all thickness, throughout flange and see if weight and flange thickness would meet specification requirements. Mill will mic flanges and web every foot to see if the sectional area comes to within 2.5% of entirety.

Called Leo Bourgoin and he indicated that he has checked the flanges all the way down, flanges, web, length and width and cannot come to that 2.5%.

Again reported to ITT that a claim should be begun and that we would appreciate discussing this matter with the mill as soon as possible as we will need replacement material. They will put in writing once they receive our written nonconformance.

mg



**ENERGY STEEL & SUPPLY CO.**

## INTRA-COMPANY MEMORANDUM

TO: Michael R. Mitchell

DATE: June 6, 1983

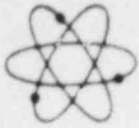
FROM: Margo A. Gawron

SUBJECT: 10 @ 33# X 20'-0 WF Johnson Controls PO#9763.011-31901 (Item 30)  
Our PD-830509

Spoke to Mr. Otto of ITT and he transferred me to Dan Zienty. I informed Mr. Zienty that we were sending a letter to him today concerning the W 10 X 33. He in turn will contact his vendor, US Steel Supply who will have to contact the mill -- Inland Steel.

I also called Mr. Bourgoin and he was not in. I left word to have him send us a written nonconformance for our file.

mg



## ENERGY STEEL & SUPPLY CO.

### INTRA-COMPANY MEMORANDUM

TO: Michael R. Mitchell

DATE: 6-8-83

FROM: Margo A. Gawron

SUBJECT: 10 @ 33# X 20'-0 WF

Called Leo Bourgoin; need written (documented) non-conformance. He will write up and send out.

Material is awaiting inspection from mill and also holding ID-830101-A Flats 1/2 X 4 X 20'-0.

Might send all back at once.

mg



NONCONFORMANCE/CORRECTIVE ACTION REPORT

REFERENCE: ID-830233 / PD-830509-A, Report SR 888, QAS-801-SS Rev. 3, ASME III SA6, W77.

Deficiency: Site QA Receipt Inspection of material 10-pcs W 10 x 33 x 20'- 0" Galvanized to ASTM A 123. Material specification ASME SA 36, NF Class 2, Heat # 21862. Eight pieces have under sized web and are unacceptable. (1977 Edition through Winter 1977 Addenda.)

By: Margo Gawron Date: 6/22/83

## Analysis of Problem:

Web thickness .292 minimum per SA 6 Table 17. Actual measurement ranged from .252/.270 using JCI Micrometer # 77. Two pieces were found to be acceptable and 8-pcs are rejected and to be returned to vendor.

By: Margo Gawron Date: 6/22/83

## Corrective Action Taken:

Vendor was transmitted a copy of this NCR and will advise us of their corrective action. (6/24/83-MAG)

By: Margo Gawron Date: 6-24-83

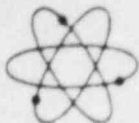
Reviewed: Mullins R. [Signature] Date: 6/24/83

Reviewed: Mullins R. [Signature] Date: 6/25/83

Reviewed: \_\_\_\_\_ Date: \_\_\_\_\_

Reviewed: \_\_\_\_\_ Date: \_\_\_\_\_

APPROVED: \_\_\_\_\_ Date: \_\_\_\_\_



## ENERGY STEEL & SUPPLY CO.

### INTRA-COMPANY MEMORANDUM

TO: Margo Gawron - QA

FROM: Michael R. Mitchell

SUBJECT: Johnson Control (NCR #0027)

DATE: August 3, 1983

In response to my final conversation today with Mr. Dan Zienty concerning the above NCR, I wish to issue as a matter of record the following statement.

The material in question was purchased from:

ITT Grinnell Corp.  
4425 S. Western Ave.  
Chicago, IL 60609

Upon being notified of this rejection I notified Mr. Daniel Zienty of ITT. He said he would follow through on complaint. A copy of our NCR was forwarded to ITT upon receipt of NCR #SR-888 from Johnson Controls.

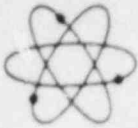
I was then informed by ITT that they purchased material from U.S. Steel Supply Co. who in turn had purchased material from Inland Steel Co.

On Friday, July 22nd, I received a call from Mr. Brian Bozek, Staff Assistant, Structural Division from Inland Steel Co. (312-346-0300).

Mr. Bozek informed me that Inland would not honor any claim for the reasons indicated as Inlands position was that the claim was ridiculous.

I proceeded to go through the ASTM Standards and ASME Specifications with Mr. Bozek to fully describe the tables, tolerances, etc. He then said he would check further into the matter and call me back on Monday morning, July 25, 1983. I also advised him that we had a preliminary meeting scheduled at Seabrook and that I would suggest participation from someone at Inland Steel.

I finally talked to another individual at ITT and was told that Mr. Otto and Mr. Zienty were not in, but I should contact a Mr. Marty Majorsan, salesman at U.S. Steel Supply. Mr. Majorsan said he was familiar with the problem but that I should contact a Mr. John Shad instead. I asked to be transferred and he said Mr. Shad was on the phone and that I should call back. I suggested Mr. Shad should call me back as that I had to have answers now. No response.



## ENERGY STEEL & SUPPLY CO.

### INTRA-COMPANY MEMORANDUM

TO: Margo Gawron - QA  
FROM: Michael R. Mitchell  
SUBJECT: Johnson Control - NCR #0027 (Continued...)

DATE: August 3, 1983

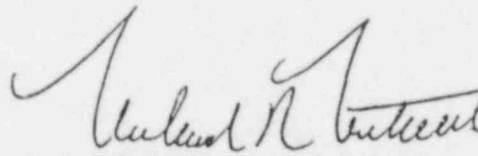
I called ITT on July 27th and 28th for disposition on NCR. ITT would not return my calls. I advised Mr. Daigneault of Johnson Controls that I was doing everything within my ability to get a determination from ITT, but was unable to respond because they would not return my calls.

Repeated calls were made to Mr. Herb Otto and Mr. Dan Zienty of ITT to determine status of rejection so that non-conformance could be resolved. They would not return my calls. I informed their secretary that I would notify the ASME and also advise the NCR under the provisions of 10 CFR 21 if there was no further response.

I was contacted today by Mr. Zienty who said Inland Steel was mailing a response to U.S. Steel Supply who in turn would forward a copy to ITT who in turn would forward a copy to Energy Steel & Supply Co. He also said Mr. Bozek denied ever talking to me.

I was advised that the contents of Inland's letter would be that they would not accept the rejection as the material was within dimensional, physical and chemical conformance to the section and that they would not be interested in participating in any meeting with United Engineers, Johnson Controls or Energy Steel & Supply.

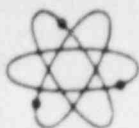
This memo is to be pended until Tuesday, August 5th. If this NCR is not resolved we will then notify the ASME and the NRC under the provisions of 10 CFR Part 21.

  
Michael R. Mitchell  
President

MRM/kc

cc: D. Mitchell  
File

Ref: A6, Annex A1, Table A1.1, Para 13.3.3, ASME III, Sub-Section NF.



## ENERGY STEEL & SUPPLY CO.

### INTRA-COMPANY MEMORANDUM

TO: Margo Gawron

DATE: August 9, 1983

FROM: Michael R. Mitchell

SUBJECT: SITE VISIT TO SEABROOK POWER STATION, SEABROOK, NH.

RE: Our P.O. - PD-830509  
Our NCR # 0027  
JCI's NCR # SR-888

On Monday, August 8, 1983 we met with United Engineers & Constructors, Inc. and Johnson Controls, Inc. in an effort to make a determination on the non-conforming material referenced in the above NCR's.

In attendance were:

- 1) Mr. Arnie Heyn  
Assistant Supervisor-Field Purchasing
- 2) Mr. James Bertram  
Buyer-Field Purchasing
- 3) Mr. C.D. Hanson  
QC-Receiving
- 4) Mr. Carroll Kuhn  
Instrument and Controls Superintendant

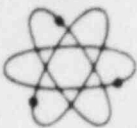
The above individuals represented UE&C.

- 1) Mr. Steve Ostrowski  
Project Manager
- 2) Mr. Tim Diagneault  
Buyer
- 3) Mr. Leo Bergoin  
QC-Receiving Engineer

The above individuals represented Johnson Control's, Inc.

The meeting lasted approximately one hour and in conclusion, Johnson Controls still insisted that the material was not within Mill tolerances, could not be down graded and therefore was non-conforming and rejected.

(1)



We explained our position of being a Material Supplier and were not responsible for dimensional conformances and that Inland Steel Co. who was asked to send a representative to this meeting declined and proposed to do nothing to resolve this non-conformance. I further explained that if we could not agree on a resolution to correct this problem I would have no alternative, but to file a Non-Conformance Report with the NRC under the provisions of 10 CFR Part 21.

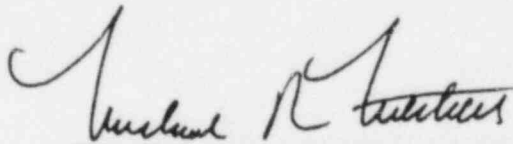
It was agreed that since we could not get either ITT Grinnell or Inland Steel Co. to respond that we were compelled to file with the NRC.

After the meeting I personally inspected the 8-pcs of W 10 x 33 beams and now agree with Inland Steel's initial comment that this claim was ridiculous.

It is my strongest belief that if this material is in fact non-conforming and being rejected for the reason stated, that 80% of all the steel on site and installed in place would be rejected and have to be removed and replaced.

I have advised ITT Grinnell today of our intension to file a Non-Conformance Report with the NRC.

cc: DJM  
file

  
Inland Steel



*ITT Grinnell Corporation*

*4425 South Western Boulevard  
Chicago, Illinois 60609  
Telephone (312) 847-1500*

August 9, 1983

Energy Steel  
2685 Lapeer Rd.  
Pontiac, Mi. 48057

Attention: Mike Mitchell

Dear Mike:

Attached is the letter you had requested from Inland Steel. The letter references Inland Steel's position per your NCR #SR888.

In light of Inland Steel's response, we ask that you evaluate the balance of the dimensions noted. Should you have any further questions or comments as to the acceptability of the subject steel, please contact us immediately.

Very truly yours,

A handwritten signature in cursive script that reads 'Daniel J. Zienty'.

Daniel J. Zienty

Q.C. Mgr. - Chicago





ITT Grinnell Corporation

Pipe Hanger Division  
4425 South Western Boulevard  
Chicago, Illinois 60609  
Telephone (312) 847-1500

Branch: Chicago, Illinois  
Location: #5551

CERTIFICATE OF COMPLIANCE

Hanlon Gregory Industries  
5501 Butler Street  
Pittsburgh, Pa. 15201

Customer Purchase Order:

P-D-830500A  
P-D-830507A  
P-D-830511

Material has been supplied to ASME section III, NF subsection class 2, 1977 edition thru winter of 1977 addenda, NCA 3800. Provisions of 10CFR21 and 10CFR50 appendix B applies. Material stamped with low-stress dies, packaging to ANSI N45.2.

The material supplied by ITT Grinnell, Supply Sales Division have been supplied in accordance with the Quality System Program accepted by ASME

1 Quality System  
Certificate (Materials)  
No.  
QSC-415-4

Expiration Date  
May 5, 1984

Daniel J. Twigg  
Q.C. Manager

May 12, 1983

Date

ENERGY STEEL & SUPPLY CO.  
Q. S. Dept.

By May date 5-18-83



ITT Grinnell Corporation

Pipe Hanger Division  
4425 South Western Boulevard  
Chicago, Illinois 60609  
Telephone (312) 847-1500

Certificate of Compliance

<u>QUANTITY</u>	<u>MATERIAL DESCRIPTION</u>	<u>HEAT NO.</u>
5pc. ✓	Channel 10 X 30# SA-36 @ 20'- 0"	2pc. @ 76517-A ✓ 3pc. @ 76517-B ✓
10pc. ✓	Beam W 10 X 33# SA-36 @ 20'- 0"	2pc. @ 21862-A ✓ 2pc. @ 21862-B ✓ 2pc. @ 21862-C ✓ 2pc. @ 21862-D ✓ 2pc. @ 21862-F ✓
2pc. ✓	Beam W 10 X 30# SA-36 @ 20'- 0"	2pc. @ 67410-A ✓

ENERGY STEEL & SUPPLY CO.  
Q. S. Dept.

By May date 5-18-83

Inland Steel

REG., JOB, CONTRACT NO.

PURCHASE ORDER NO.

MC3144548

INLAND STEEL COMPANY  
QUALITY CONTROL CENTER 2-108  
3210 WATLING STREET  
EAST CHICAGO, INDIANA 46312

SHIPPER'S NO.

28<sup>th</sup> MILL

MILL

DER NO.

89527 Y

INVOICE DATE

18/02 20

2/17, 1983

INVOICE NO.

68215,001

VEHICLE IDENTIFICATION

FAIRFIELD

4571

SHIP TO

UNITED STATES STEEL SUPPLY DIV  
U S STEEL CORP  
13535 S TORRENCE

We hereby certify that the heat  
analysis and/or test results shown  
are correct as contained in the  
records of the company.



*Raymond L. Gilson*  
Raymond L. Gilson  
Supervisor

PAGE 1 OF 1

D TO

UNITED STATES STEEL SUPPLY DIV  
UNITED STATES STEEL CORP  
P O BOX 7310

CHICAGO ILL

checked '77

50680

CHICAGO ILL

60533

INLAND WIDE FLANGE SHAPES, ASTM A 36-81A ASME SA 36, C .000/.260 P  
00/.040 S .000/.050, BEND TESTED / 10000

STATE OF INDIANA  
COUNTY OF LAKE

Subscribed and sworn to before me this

18TH day of FEBRUARY A.D., 1983

*Helba Garrett*  
HELEBA GARRETT

Notary Public

MY COMMISSION EXPIRES: AUG. 18, 1985

## TEST RESULTS

MATERIAL DESCRIPTION	QUANT.	WEIGHT	HEAT NO.	TEST OR PC. ID. NO.	YIELD POINT	TENSILE STRENGTH	ELONGATION	BEND
					LBS./SQ. IN. ✓	LBS./SQ. IN. ✓	IN. ✓	TEST
10 IN X 33.0 # X 40 FT	5	6600	21852		50,200	72,700	8 30	OK

EM# 1

D.

864-000

HEAT NO.	C	Si	P	S	Al	Cu	Ni	Mn	Cr	Co	V	Au
21862	.23	.72	.021	.031								

ENERGY STEEL & SUPPLY CO.  
Q. S. Dept.

By *Mag* date 5-18-83

**Spectrographic and Chemical Analysis  
Metallurgists**

4845 S. KEDZIE AVE. • CHICAGO, ILL. 60632  
AREA CODE 312 • 523-7088

ANALYSIS REPORT FOR:

• ITT Grinnell Corp.  
• 4425 So. Western Blvd.  
• Chicago, Ill. 60609  
• Attn: Dan Zienty

PURCHASE ORDER NO. **PHC 24344**

DATE **5/16/83**

Report Number: 5024-3

Sample Number: HT. 21862 ✓

Tensile Strength	72,400 psi ✓
Yield Strength	44,200 ✓
Elongation	27.5 % ✓

WORK WAS PERFORMED IN ACCORDANCE WITH CSSL Q/A MANUAL DATED 6/80  
(REVISED 4/81 WITH APPROVAL DATED 6/22/81) AND AS AUDITED BY ITT  
GRINNELL REPRESENTATIVE 2/11/83.

ENERGY STEEL & SUPPLY CO.  
Q. S. Dept.

By May date 5-18-83

CHICAGO SPECTRO SERVICE LABORATORY, INC.

BY \_\_\_\_\_

# IT Grinnell

CERTIFIED MATERIAL TEST REPORT

FOR Energy Steel & Supply Co.

CUSTOMER P.O. P-D-830509A

ITT GRINNELL ORDER PHC0808

DATE May 16, 1983

[illegible]

Material has been supplied to ASME section III, NF subsection class 2, 1977 edition thru winter of 1977 addenda, NCA3800. Provisions of 10CFR21 and 10CFR50 appendix P applies. Material stamped with low-stress dies, packaging to ANSI N45.2. Code case N242-1 applies.

No weld repair

Quality System Certificate (Materials)

No. QSC-415-4

Expiration date May 5, 1984

I CERTIFY THAT THE ABOVE RESULTS ARE TRUE AND  
CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

ENERGY STEEL & SUPPLY CO.  
O. S. Dept.

By Mug date 5-18-83

Daniel J. Zint

Spectrographic and Chemical Analysts  
Metallurgists4848 S. KEDZIE AVE. • CHICAGO, ILL. 60632  
AREA CODE 312 • 523-7088

## ANALYSIS REPORT FOR:

- ITT Grinnell Corp.  
4425 So. Western Blvd.  
Chicago, Ill. 60609
- Attn: Dan Zienty

PURCHASE ORDER NO. PHC 24344

DATE 5/16/83

Report Number: 5023-4

Sample Number: HT. 21862A

Carbon	0.21%
Manganese	0.72
Phosphorus	0.015
Sulfur	0.026
Silicon	0.03
Nickel	0.01
Chromium	0.06
Molybdenum	0.01
Copper	0.04

✓ WORK WAS PERFORMED IN ACCORDANCE WITH CSSL Q/A MANUAL DATED 6/80  
(REVISED 4/81 WITH APPROVAL DATED 6/22/81) AND AS AUDITED BY  
ITT GRINNELL REPRESENTATIVE 2/11/83.

ENERGY STEEL & SUPPLY CO.  
Q. S. Dept.By Mag date 5-18-83

CHICAGO SPECTRO SERVICE LABORATORY, INC.

BY \_\_\_\_\_



**Spectrographic and Chemical Analysts  
Metallurgists**

4848 S. KEDZIE AVE. • CHICAGO, ILL. 60632  
AREA CODE 312 - 523-7000

ANALYSIS REPORT FOR:

• ITT Grinnell Corp.  
• 4425 So. Western Blvd.  
• Chicago, Ill. 60609  
• Attn: Dan Zienty

PURCHASE ORDER NO. **PHC 24344**

DATE **5/16/83**

Report Number: 5023-5

Sample Number: HT. 21862B

Carbon	0.228 ✓
Manganese	0.55
Phosphorus	<0.005 ✓
Sulfur	0.023 ✓
Silicon	0.06
Nickel	0.03
Chromium	0.07
Molybdenum	0.01
Copper	0.11

✓ WORK WAS PERFORMED IN ACCORDANCE WITH CSSL Q/A MANUAL DATED 6/80  
(REVISED 4/81 WITH APPROVAL DATED 6/22/81) AND AS AUDITED BY ITT  
GRINNELL REPRESENTATIVE 2/11/83.

ENERGY STEEL & SUPPLY CO.  
Q. S. Dept.

By Mag date 5-18-83

CHICAGO SPECTRO SERVICE LABORATORY, INC.

BY \_\_\_\_\_

THE FOREGOING REPORT IS FURNISHED BY \_\_\_\_\_ TO \_\_\_\_\_ AND IN  
PRODUCED FOR PUBLIC INFORMATION WITHOUT OUR PRIOR WRITTEN APPROVAL.

BY CONFIDENCE. NO PART HEREOF MAY BE RE-

CHICAGO SPECTRO SERVICE LABORATORY, INC.  
Spectrographic and Chemical Analytcs  
Metallurgists

4848 S. KEDZIE AVE. • CHICAGO, ILL. 60632  
AREA CODE 312 - 523-7088

ANALYSIS REPORT FOR:

• ITT Grinnell Corp.  
4425 So. Western Blvd.  
• Chicago, Ill. 60609  
• Attn: Dan Zienty

PURCHASE ORDER NO. PHC 24344

DATE 5/15/83

Report Number: 5023-6

Sample Number: HT. 21862C

Carbon	0.218 ✓
Manganese	0.74
Phosphorus	0.016 ✓
Sulfur	0.026 ✓
Silicon	0.03
Nickel	0.01
Chromium	0.06
Molybdenum	0.01
Copper	0.03

✓ WORK WAS PERFORMED IN ACCORDANCE WITH CSSL Q/A MANUAL DATED 6/80  
(REVISED 4/81 WITH APPROVAL DATED 6/22/81) AND AS AUDITED BY ITT  
GRINNELL REPRESENTATIVE 2/11/83.

ENERGY STEEL & SUPPLY CO.  
Q. S. Dept.

By M. J. date 5-18-83

CHICAGO SPECTRO SERVICE LABORATORY, INC.

BY

THE FOREGOING RESULTS ARE FURNISHED BY CHICAGO SPECTRO SERVICE LABORATORY, INC. TO WORTHINGTON AND  
PRODUCED FOR PUBLICATION WITHOUT OUR PRIOR WRITTEN APPROVAL.

BY CONFIDENCE. NO PART HEREOF MAY BE REPRODUCED.

**Spectrographic and Chemical Analysis  
Metallurgists**

4848 S. KEDZIE AVE. • CHICAGO, ILL. 60632  
AREA CODE 312 - 523-7088

ANALYSIS REPORT FOR:

• ITT Grinnell Corp.  
4425 So. Western Blvd.  
• Chicago, Ill. 60609  
• Attn: Dan Zienty

PURCHASE ORDER NO.

PHC 24344

DATE

5/16/83

Report Number: 5023-7

Sample Number: HT. 21862D

Carbon	0.208 ✓
Manganese	0.72
Phosphorus	0.014 ✓
Sulfur	0.024 ✓
Silicon	0.04
Nickel	0.01
Chromium	0.06
Molybdenum	0.01
Copper	0.03

✓ WORK WAS PERFORMED IN ACCORDANCE WITH CSSL Q/A MANUAL DATED 6/80  
(REVISED 4/81 WITH APPROVAL DATED 6/22/81) AND AS AUDITED BY  
ITT GRINNELL REPRESENTATIVE 2/11/83.

ENERGY STEEL & SUPPLY CO.  
Q. S. Dept.

By Mag date 5-18-83

CHICAGO SPECIAL SERVICE LABORATORY, INC.

By \_\_\_\_\_

**Spectrographic and Chemical Analysts  
Metallurgists**

4848 S. KEDZIE AVE. • CHICAGO, ILL. 60632  
AREA CODE 312 - 523-7088

ANALYSIS REPORT FOR:

- ITT Grinnell Corp.
- 4425 So. Western Blvd.
- Chicago, Ill. 60609
  
- Attn: Dan Zienty

PURCHASE ORDER NO.

PHC 24344

DATE

5/16/83

Report Number: 5023-8

Sample Number: HT. 21862F

Carbon	0.218 ✓
Manganese	0.73
Phosphorus	0.015 ✓
Sulfur	0.027 ✓
Silicon	0.03
Nickel	0.01
Chromium	0.06
Molybdenum	0.01
Copper	0.03

WORK WAS PERFORMED IN ACCORDANCE WITH CSSL Q/A MANUAL DATED 6/80  
(REVISED 4/81 WITH APPROVAL DATED 6/22/81) AND AS AUDITED BY ITT  
GRINNELL REPRESENTATIVE 2/11/83.

ENERGY STEEL & SUPPLY CO.  
Q. S. Dept.

By Mag date 5-18-83

CHICAGO SPECTRO SERVICE LABORATORY, INC.

BY \_\_\_\_\_

JUN. 20 1983

JOHNSON CONTROLS, INC.  
INSPECTION SURVEILLANCE REPORTQAS - 1601 - SS  
ATTACHMENT 4.3.1

PROJECT Seabrook	UNIT #1	CONTRACT 0242-0001	REPORT NO. SR 888 TREND CODE 07054-33	DATE 6/5/83
REFERENCE DOCUMENT QAS-101-SS Rev. 3 ASME III SA5, 177			<input type="checkbox"/> ASME CLASS 1,2,3 <input type="checkbox"/> SAFETY RELATED	
			<input type="checkbox"/> QAS - 5 <input type="checkbox"/> NON SAFETY RELATED	

## TYPE OF INSPECTION

☐ RECEIVING ☐ DOCUMENTS ☐ PARTS/MATERIALS ☐ WORKMANSHIP ☐ TEST ☐ SYSTEM

DESCRIPTION OF INSPECTION: Visual inspection of materials from 130 P.O. #2754011-31901 (10 105)  
130 x 13 x 20' long wide flange I-Beam SA36. NF-CL.2 HT #21862. Eight pieces are undersized  
and unacceptable Web thickness .292 minimum per SA6 Table 17. actual measurement ranged  
from .292/ .270 using JCI Micrometer #77.

5796

FINDING ☐ SATISFACTORY  
☐ UNSATISFACTORY (RECOMMENDED DISPOSITION): Return unacceptable material to vendor,  
accepted two pieces that are within tolerance

*Steven B. Hay R/T*  
INSPECTOR/AUDITOR

DISPOSITION:

PROJECT MGR., CONST.SUPT., ENG., ETC. DATE QA MANAGER/QA ENGINEER DATE

DISPOSITION COMPLETED

SUPT./QA ENGINEER DATE

REINSPECTION RESULTS:

INSPECTOR/AUDITOR DATE

ANI CONCURRENCE DATE QA MANAGER DATE

IP/AUDITOR





# The American Society of Mechanical Engineers

United Engineering Center • 345 E. 47th St. New York, N.Y. 10017 • 212-644-7722 • TWX-710-581-5267

July 13, 1981

Subject: Section III, Division 1  
NCA-3800

Reference: Your letter of December 29, 1980  
ASME File # NI 81-6

Gentlemen:

Our understanding of the question in your inquiry, and our reply are as follows:

Question: Is it the responsibility of the Material Manufacturer, Material Supplier, or the Certificate Holder to assure that product dimensions are in accordance with the material specifications?

Reply: The Code requires that the Material Manufacturer assure conformance to the material specifications, reference NCA-3867.1, 3867.2 and 3868. NCA-4134.7 requires that the Certificate Holder assure all purchased material conforms to the Code. The Material Supplier is not responsible for dimensional conformance but is responsible for establishing and maintaining traceability of material, reference NCA-3861(b)(1).

Yours truly,

John Millman  
Assistant Secretary  
(212) 644-8049

RESEARCH DEVELOPMENT  
and ENGINEERING DIVISION

JUL 14 1981

RECEIVED

ASME procedures provide for reconsideration of this interpretation when or if additional information is available which the inquirer believes might affect the interpretation. Further, persons aggrieved by this interpretation may appeal to the cognizant ASME committee or subcommittee. As stated in the foreword of the code documents, ASME does not "approve," "certify," "rate," or "endorse" any item, construction, proprietary device or activity.



accordance with the applicable requirements of this Section.

#### NCA-3760 RESPONSIBILITY FOR QUALITY ASSURANCE

##### NCA-3761 Scope of Responsibilities

(a) The NA Certificate Holder shall be responsible for surveying, qualifying, and auditing suppliers of subcontracted services (NCA-3125) including nondestructive examination contractors, Material Suppliers, and Material Manufacturers. Material Suppliers or Material Manufacturers holding a Quality System Certificate (Materials) need not be surveyed nor audited for work or material covered by the scope of their Certificate. Subcontractors holding an appropriate N, NPT, or NA Certificate need not be surveyed nor audited by the NA Certificate Holder for work within the scope of the subcontractor's Certificate.

(b) An NA Certificate Holder may subcontract furnace brazing operations involving uniform heating to an organization not holding a Certificate of Authorization provided:

(1) the work performed is within the scope of activities of the NA Certificate Holder's Certificate of Authorization;

(2) the NA Certificate Holder's Quality Assurance Program shall provide for the subcontracting of furnace brazing operations, including Authorized Inspection and these provisions shall be acceptable to the Authorized Inspection Agency;

(3) the NA Certificate Holder's Quality Assurance Program provides for surveillance by the NA Certificate Holder at his subcontractor's facility during the brazing operation;

(4) the NA Certificate Holder shall be responsible for surveying and accepting the Quality System Programs of the subcontractor;

(5) the NA Certificate Holder shall assure that the subcontractor uses written procedures and brazing operators that have been qualified as required by the Code;

(6) the NA Certificate Holder shall be responsible for controlling the quality and for assuring that all materials and parts which are submitted to the Inspector for acceptance, including those brazed by subcontractors, conform to all applicable requirements of this Section.

##### NCA-3762 Documentation of Quality Assurance Program

The NA Certificate Holder shall be responsible for documenting his Quality Assurance Program (NCA-8121).

##### NCA-3763 Filing of Quality Assurance Manual

The NA Certificate Holder shall file with his Authorized Inspection Agency (NCA-5121) copies of the Quality Assurance Manual. The NA Certificate Holder shall keep a copy on file available to the Inspector (NCA-5122) and Inspection Specialist (NCA-5124).

#### NCA-3770 DATA REPORT

The NA Certificate Holder shall certify compliance with this Section by signing the appropriate Data Report Forms and apply the appropriate stamping (NCA-8000)

#### NCA-3800 METALLIC MATERIAL MANUFACTURER'S AND MATERIAL SUPPLIER'S QUALITY SYSTEM PROGRAM

##### NCA-3810 DEFINITIONS

##### NCA-3811 Material

The term *material* as used in this Section refers only to material as defined in NCA-1220. The term *stock material* as used in this Section refers to material which is or may be used for conversion to an SA, SB, or SFA Specification or allowable ASTM Specification by the Material Manufacturer or Certificate Holder.

##### NCA-3812 Material Manufacturer

As used in this Section, the Material Manufacturer is an organization which certifies<sup>7</sup> that the material, as defined in NCA-1220, is in compliance with requirements of the basic material specification. In addition, the Material Manufacturer performs or supervises and directly controls one or more of the operations which affect the material properties required by the material specification and verifies the satisfactory completion of

<sup>7</sup>The specification or this Section may permit certain specific requirements to be completed later, and any such incomplete items are to be noted.

all the requirements of the material specification performed prior to that certification.

#### NCA-3813 Material Supplier

As used in this Section, the Material Supplier is an organization which supplies material produced and certified by Material Manufacturers but does not perform any operations which affect the material properties required by the material specification, except when agreed upon by the Certificate Holder who uses the material in Code construction or when so authorized in a Quality System Certificate (Materials). The Material Supplier may perform and certify the results of tests, examinations, repairs, or treatments required by the material specification or by this Section which were not performed by the Material Manufacturer as provided in NCA-3852(b).

#### NCA-3820 QUALITY SYSTEM CERTIFICATE (MATERIALS)

(a) A Material Manufacturer shall hold a Quality System Certificate (Materials) issued by the Society verifying the adequacy of the Material Manufacturer's Quality System Program. Alternatively, the Material Manufacturer shall have his Quality System Program surveyed, qualified, and audited by the Material Supplier, or by the Certificate Holder for the items (NCA-3461, NCA-3561, NCA-3661, or NCA-3761).

(b) A Material Supplier shall hold a Quality System Certificate (Materials) issued by the Society verifying the adequacy of the Material Supplier's Identification and Verification Program. Alternatively, the Material Supplier shall have his Identification and Verification Program surveyed, qualified, and audited by the Certificate Holder for the items (NCA-3461, NCA-3561, NCA-3661, or NCA-3761).

(c) Except as provided in NCA-3867.4(e) and NCA-3867.4(f), any party performing and certifying to an operation, process, or to the results of tests, examinations, repairs, or treatments required by the material specification or by this Section shall have a Quality System Program which shall cover the operations, processes, or services performed. This Quality System Program shall be surveyed, qualified, and audited by the Material Manufacturer, Material Supplier, or Certificate Holder who directly receives the certification of work performed (NCA-3861) except when the party holds a Quality System Certificate (Materials) which covers those operations.

(d) The information to be supplied by the Material Manufacturer or Material Supplier when making

application to the Society is given in Forms N-70A, N-70B, and N-70C.<sup>8</sup>

#### NCA-3850 GENERAL REQUIREMENTS

##### NCA-3851 Material Manufacturer

The Material Manufacturer (NCA-3812) shall establish a Quality System Program for the control of the quality during manufacture or during other work which he proposes to perform.

##### NCA-3852 Material Supplier

(a) The Material Supplier who does not perform any tests, examinations, or treatments required by this Section shall establish a Material Identification and Verification Program for storage and handling of material. Material Identification and Verification as used in this Section is defined in NCA-4124.

(b) The Material Supplier who performs any tests, examinations, or treatments required by the material specification or by this Section or who subcontracts these activities shall meet the requirements in this Subarticle for both the Material Manufacturer and the Material Supplier for the activities performed.

##### NCA-3853 Evaluation of the Program

(a) The Society, when requested by the Material Manufacturer on Forms N-70A, N-70B, and N-70C will arrange for an evaluation of the applicant's Quality System Program. The Program will be evaluated on the basis of its compliance with the applicable material requirements of this Section. The Certificate which is issued will describe and specify the scope and limits of work for which the applicant is qualified and will be subjected to a planned audit program by the Society.

(b) The Society when requested by the Material Supplier on Forms N-70A, N-70B, and N-70C will arrange for an evaluation of the applicant's Identification and Verification Program. The Program will be evaluated on the basis of its compliance with the applicable material requirements of this Section. The Certificate which is issued will describe and specify the material which the applicant is qualified to supply and will be subject to a planned audit program by the Society.

(c) When the Material Supplier requests that the

<sup>8</sup>Copies may be obtained from ASME Nuclear Certification, 345 East 47th St., New York, NY 10017.

Inland Steel Company  
30 West Monroe Street  
Chicago, Illinois 60603

312 346 0300



**Inland Steel**

*ATTN:  
DEPT  
ENGINE*

August 3, 1983

Mr. John Schade  
U. S. Steel Supply  
P. O. Box 7310  
Chicago, Illinois 60680

Dear Sir:

This letter is in reference to a recent shipment of Wide Flange Shapes and the discussion between you and our Product Consultant, J. O'Keefe. The subject shipment is identified as follows:

Your Order: MC3144548  
Our Order: Y 89527  
Inland Wide Flange Shapes A36-81a  
W 10 x 33.0# x 40'

It is our understanding that eight pieces out of ten pieces shipped were checked at a job site and web thickness measured between 0.252" and 0.270". As explained by our Mr. O'Keefe, the web thickness of 0.290" identified with this size is only a theoretical value which can vary within reasonable limits. Although the dimensions of a section are variable, we do produce to a foot weight as designated for that section.

In this case that you are presenting, the other dimensions of the cross section are equally important in evaluating conformance. The inspector should make such measurements before making a judgment on the suitability of application.

In the event that additional information is required on this subject, do not hesitate to contact this office.

Sincerely,

*Michael J. Bajor*

Michael J. Bajor  
Gen. Supvg. Metallurgist  
Technical Service

MJB:pl

Aug 15 1983