

NOVA
Machine
Products
Corporation
=

7-27-90

United States Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Washington, D.C. 20555

P.O. Box 30287
Middleburg Heights, OH
44130

Attn: Mr. C.E. Rossi, Director

Re: Information Notice No. 89-56

Canal Place One
Suite 2300
New Orleans, Louisiana
70130

Sir,

We purchased plate from Meredith Corporation Pressure
Vessel Nuclear (PVN) to the following requirements:

24" x 24" x 2 1/2", SA-516 Gr.70;
28 1/2" x 96" x 1 1/2", SA-516 Gr.60;
14" x 96" x 1 1/2", SA-516 Gr.60;
14" x 96" x 1 1/2", SA-516 Gr.70

All material was to be certified under their (PVN) Quality
System Certificate (QSC-366).

During a review of certifications an anomaly was
found with respect to the typesetting. A letter was drafted
and sent to the producing mill to validate the
certifications (Enclosure 1, letter dated 6-15-90). The mill
responded in kind (Enclosure 2, letter dated 7-20-90) noting
problems with "Sold To" and "Ship To" address discrepancies,
and, appearance and revision discrepancies.

This is the Nuclear Regulatory Commissions
notification of a discrepancy. NOVA is in the process of
contacting the customers who have recieved the above
captioned material.

If I may be of any further service in this matter
please contact me at your convenience.

Respectfully



James C. Fitzwilliam
Quality Assurance Manager

Enclosures (2)

cc: NRC Regional Office
File

216 267 3200
Fax 216 433 1640

9012040347 900727
PDR MISC
9012040347 PNU



Bethlehem Steel Corporation

SPARROWS POINT PLANT
SPARROWS POINT, MD 21219



July 20, 1990

Nova Machine Products
P.O. Box 30287
Middleburg Heights, OH 44130

Attention: James C. Fitzwilliam
(Quality Assurance Manager)

Reference: Letter dated 6/15/90 from James C. Fitzwilliam to Bethlehem Steel Corporation concerning the integrity of Reports of Test and Analysis supplied by Meredith Corporation - PVN

Dear Mr. Fitzwilliam:

Bethlehem Steel acknowledges that certified mill test reports submitted to the mill by Nova Machine Products represents plates produced at Sparrows Point. The mill has reviewed copies of the test reports supplied by Nova and will comment on the appearance of the documents in comparison to the original certified mill test reports. The following are the mill's comments:

<u>Shipment #</u>	<u>Date</u>	<u>Comments</u>
409-03001 (Heat No.) 401N7521	2/28/81	The Nova copy shows the "Sold To" and "Ship To" as Meredith Corp/Pressure Vessel Nuclear Steel. The mill's original shows the "Sold To" and "Ship To" as Alloy & Carbon Steel Co.
409-05028 (Heat No.) 422A5061	5/18/84	Similar address discrepancies as on 409-03001 were observed for this report.
409-03087 (Heat No.) 401K5551 401K2291	3/16/87	The mill did certify the material as "ASME SA516 Grade 70 PVQ". The appearance of the letters and numbers of the specification on the Nova copy exhibits a different font type than the specification (ASME SA516-70 PVQ) on the mill original. The mill original additionally does not show a revision date of 3/31/87. It should be noted that Bethlehem Steel did not perform any ultrasonic testing or impact testing on this material.

The mill hopes that the information provided from this comparative analysis will be sufficient for Nova. Please do not hesitate to contact the Plate Mill Quality Assurance Office if additional assistance is required.

Sincerely,

Handwritten signature of Richard H. Hoyt.
Quality Assurance Manager

cc: R.H.Schrader
C.P.Wentz

NOVA
Machine
Products
Corporation



P.O. Box 30287
Middleburg Heights, OH
44130

6-15-90

Canal Place One
Suite 2300
New Orleans, Louisiana
70130

Bethlehem Steel Corporation
General Office
Bethlehem, Penna 18016

Attn: Mr. W.P. Henry, Mgr. of Sales, Eastern Region

Sir:

In light of recent problems uncovered in our industry with various material suppliers, we are requesting that BETHLEHEM STEEL CORPORATION - SPARROWS POINT, verify that the attached REPORT OF TEST AND ANALYSIS were in fact sold to MEREDITH CORP.

These items were purchased by NOVA from MEREDITH (PRESSURE VESSEL NUCLEAR), and we have been requested by our customers to validate the reports.

Please advise the undersigned in writing at your earliest convenience.

Respectfully,

James C. Fitzwilliam
Quality Assurance Manager



216 267 3200
Fax 216 433 1640

ARROWS PT. 409- 05029 05/19/84 JONS JONES MIN SHIP TO

SOLD TO
 MEREDITH CORP./
 PRESSURE VESSEL NUCLEAR STEEL
 460 HILLSIDE AVENUE
 HILLSIDE, NEW JERSEY 07205

MEREDITH CORP./
 PRESSURE VESSEL NUCLEAR STEEL
 460 HILLSIDE AVENUE
 HILLSIDE, NEW JERSEY 07205

ITEM NO.	PAIL NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD STRENGTH	TENSILE STRENGTH	LONG.	WID.	
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH					WEIGHT
4727					160	20842	GD	001-6102F	6875	026825	
68			ASME SA516 GR 70 PVD 1983 EDITION IN ACCORD W/DA PROGRAM DTD 11/1/78 PER ASME SECT 3 NCA 3800 RESALE PRINT 1 END RED								
38981		422A5061	1	1	1/2	96	480	19602	51.0	79.0	21 24

NOVA Machine
 DO# R2777
 P/N SPO# 0211
 1pc 1 1/2" x 14" x 96"

BEND TEST SA20514

"QUALITY STEEL - MELTED AND MANUFACTURED IN THE USA"

ITEM NO.	PAIL NO.	HEAT NUMBER	THICKNESS	HARDENING	TYPE	SIZE	DATE	TEST TEMP.	CHARPY IMPACT				DUCTILITY (%)			LAP EXP.	
									ENERGY (FT. LBS)			AVG.	1	2	3	1	2
NOVA QUALITY ASSURANCE APPROVED INSP: <i>[Signature]</i> DATE: <i>10/2/85</i>																	

ITEM NO.	CHEMICAL ANALYSIS														
	C	Mn	P	S	Si	Cr	Ni	Cu	Mo	V	Co	N	Al		
AS668	.25	1.03	.013	.020	.210										

Q. A. APPROVED
 PRESSURE VESSEL NUCLEAR STEELS INC.

BETHLEHEM STEEL CORPORATION
 QUALITY ASSURANCE DEPARTMENT
 REPORT OF TEST AND ANALYSIS

C 11.821
 ARROWS PT. SHIPMENT NO. 409-03087 DATE SHIPPED 03/16/87 CAR OR VEHICLE NO. MENW MEEKER WR PG 1 LAST

SOLD TO
 MEREDITH CORP
 T/A PRESSURE VESSEL-NUCLEAR
 STLS INC
 460 HILLSIDE AVE
 HILLSIDE NJ 07205

SHIP TO
 MEREDITH CORP
 460 HILLSIDE AVE
 HILLSIDE NJ 07205

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	SIZE AND QUANTITY				YIELD KSI	TENSILE STRENGTH KSI	ELONG.		RED. %	MOM.
			NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH			IN.	%		
00424					16009965	GD# 001-7505A		9804/210147				
03, ASME SA 516 GRADE 70 PVQ --- GAS CUT 4 SIDES NORMALIZE --- IN ACCORD DEPTED QA PROGRAM DTD 11/1/78 PER ASME SECT 3 NCA 3800 NUCLEAR NON IL PAINT-TWO ENDS, BLACK & YELLOW												
32301		401K5551	1	2.5000	96.000	240.000	16335	54.0	77.0	2	31	
25652		401K2291	1	1.7500	96.000	269.000	12816	52.5	74.0	2	25	

REVISED 3/31/87.

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

"QUALITY STEEL - MELTED AND MANUFACTURED IN THE USA"

U. S. S. NO.	PAT. NO.	HEAT NUMBER	THICKNESS	HARD BHN	TYPE	SIZE	DIM.	TEST TEMP.	CHARPY IMPACT				DUCTILITY (%)			LAT. EXP. (M.S.)		
									ENERGY (FT. LBS.)									
									1	2	3	AVG.	1	2	3	1	2	3
		NOVA MACHINE PRODUCTS P.O. # R5893 PVN S/O 01295 1 PC. 2 1/2" x 24" x 24"																



Q. A. APPROVED
 PRESSURE VESSEL-NUCLEAR STEELS INC.

Date: 4-6-87
 By: [Signature]

LAT. NO.	CHEMICAL ANALYSIS														MCGU GRA. SIZ.
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	N	Al		
5551	.15	1.09	.014	.010	.310	.09	.22	.22	.053		.031				
2291	.15	1.13	.013	.013	.340	.07	.18	.20	.056		.030				

SUBSCRIBED AND SWORN TO BEFORE ME THIS 16 DAY OF 1987
 -NOTARY PUBLIC MY COMMISSION EXPIRES 7/1/90

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. D. MARSH
 DEPARTMENT MANAGER
 QUALITY ASSURANCE DEPARTMENT