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D. O. Foster  
Vice President and Project  
General Manager  
Vogtle Project



March 22, 1984

United States Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region II - Suite 3100  
101 Marietta Street  
Atlanta, Georgia 30303

Reference:  
RII: JPO:  
50-424  
50-425

Attention: Mr. James P. O'Reilly

File: X7BC24  
Log: GN-331

Gentlemen:

The following is submitted further to our letter of November 23, 1983 (File: X7BC24, Log: GN-287), in response to I & E Bulletin 83-06, "Non-conforming Materials Supplied by Tube-Line Corporation Facilities at Long Island City, New York; Houston, Texas; and Carol Stream, Illinois:"

The Vogtle Project Architect/Engineer and "N" Certificate Holder, Bechtel Power Corporation, has completed its Supplier Quality Audit of Tube-Line Corporation's Carol Stream Facility. As a result of the audit, Bechtel's recommendations regarding the actions required to resolve I & E Bulletin 83-06 have changed significantly from those related in our earlier response. The audit verified that although Tube-Line sub-vendors' quality assurance programs did not meet all the requirements of Subsection NA-3700/NCA-3800 of the ASME Boiler and Pressure Vessel Code (hereafter referred to as the "Code"), Tube-Line audit checklists indicated that in all cases suppliers' material identification and control programs were satisfactory.

Based on the results of the audit, Bechtel now recommends that GPC invoke subarticle NX-2600 from the 1977 Edition of Section III of the Code in lieu of invoking Code Case N-242-1. All fittings supplied to the Vogtle Project directly from Tube-Line are two inches and smaller. Subarticle NX-2600 exempts two inches and smaller flanges and fittings from all NA 3700/NCA 3800 quality program requirements except for the requirements of NA 3767.4. Actions are being taken to satisfy the requirements of NA 3767.4 for this material.

To date, ninety-three (93) separate heats of materials two inches and smaller have been identified which were supplied to the Vogtle Project by Tube-Line. In lieu of performing chemical and physical property analyses on each of the ninety-three heats, Bechtel now recommends that only a representative sample of fourteen (14) heats (fifteen percent of the identified heats) be tested. The adoption of NX-2600 allows random sampling in lieu of testing each heat since testing is now for verification of original test results rather than for the fulfillment of code requirements. The attached list provides the heat identifications made to date as well as the subvendor supplying the material to Tube-Line.

8404060171 840322  
PDR ADOCK 05000424  
Q PDR

JEH  
11

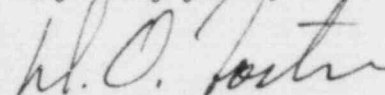
United States Nuclear Regulatory Commission  
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In addition to material two inches and smaller, eight 4" raised-face, 150#, ASTM A-105, Grade 79, slip-on flanges have been identified as being supplied by Tube-Line through Johnston Pump Company of Glendora, California. These flanges were used in the fabrication of two Unit 2 Diesel Oil Storage Tank Pumps (Plant Equipment Nos. 2-2403-P4-001 and 2-2403-P4-002), which are Seismic Category 1, safety-related, Code Section III, Class 3 components. These fittings will require a complete evaluation relative to Code requirements.

Georgia Power Company is continuing to search all incoming material documentation packages for material supplied by Tube-Line Corporation. We will continue to keep the USNRC informed of the progress of our evaluation of this matter.

This report contains no proprietary information and may be placed in the NRC's Public Document Room.

Very truly yours,

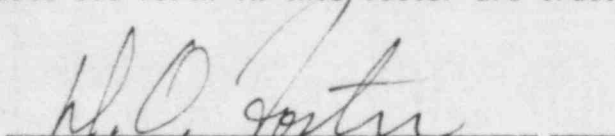
  
D. O. Foster

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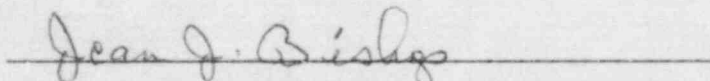
Attachment

D. O. Foster states that he is the Vice President and Project General Manager of Vogtle Project and is authorized to execute this oath on behalf of Georgia Power Company and that to the best of his knowledge and belief the facts set forth in this letter are true.

GPC:

  
D. O. Foster

Sworn to and subscribed before me this 26<sup>th</sup> day of March, 1984.



Notary Public, Georgia, State at Large  
My Commission Expires Jan. 7, 1987

xc: U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D. C. 20555

O. Batum  
J. A. Bailey  
E. D. Groover  
L. T. Gucwa

M. Malcom  
G. Bockhold, Jr.  
P. D. Rice

SUMMARY OF HEAT NUMBERS AND PURCHASE ORDER  
ITEM NUMBERS BY VENDOR

<u>VENDOR</u>	<u>HEAT #</u>	<u>P.O. ITEM #'s</u>
1) NBK (Tokyo)	AABK	131
Nippon Benkan Kogyo	AABL	132
T/L P.O. Req'ts:	AABS	554, 555
1) ASTM Mat'l	AABT	558
2) Heat Treated (HT)	AACG	99
	AACF	062
1900°F Water Quench	AACS	133
	AADA	161
	AADAB	552, 572, 573
	AADAC	571, 575, 551
	AADC	097, 098
	AAEB	063
	AAEBT	536
	AAEBU	537
	AAEBUA	538
	AAECD	539
	AAECE	540
	AAEP	553
	AAES	559
	AAET	578
	AAIW	065
	ABYA	064
	ABYB	574
	ABYC	577
	ACHA	065, 557
2) KUZE (Tokyo)	AAWW	100
Taikyo Sangyo Co. Ltd	AAWU	99
T/L P.O. Req'ts:	AAWV	96
1) ASTM Mat'l	ABTA	556
2) Heat Treated	ABTB	560
	ABZN	555
1900° for 1 hr/inch	ABZO	559
Water Quenched	ABZY	554
	ACKQ	576
	ACKR	579

<u>VENDOR</u>	<u>HEAT #</u>	<u>P.O. ITEM #'s</u>
3) <u>METALFAR</u>	ABHA	670
(Como, Italy)	ABJB	669, 727, 614, 611, 666, 730
T/L P.O. Req'ts:	ABNE	667, 729, 612
1) ASTM Mat'l	ABOC	651, 641, 596, 636, 637, 591, 642, 592, 609, 722, 597, 638, 652, 653, 598, 643, 593
2) No Heat Treatment	ABOD	668, 728, 613
Tubeline Subcontracted	ABPD	610
HT, Chemical &	ABRD	585, 590, 650, 691, 584, 694, 595
Physical Tests	ABRE	647, 594, 599, 639, 644, 653, 654, 695, 696, 699, 700, 703, 704, 707, 708, 581, 587, 582, 646, 586, 643
	ABUD	605, 659, 660, 604, 692, 588, 583, 648
	ABUE	615, 726, 693, 694, 697, 701, 702, 705, 706, 601, 602, 603, 654, 656, 657, 658, 600, 640, 655, 695, 645
	ABUF	698, 694, 598, 584, 649
	ABWA	608, 663, 723, 661, 725, 606
	ABWB	609, 664
	ACAB	607, 665, 724, 610, 662, 721, 607
4) <u>HACKNEY</u>	ABVAG	552
(Dallas, Texas)	ABVA (U)	134
T/L P.O. Req'ts:	ABVA (V)	
1) ASTM Mat'l		
2) Heat Treated		
5) <u>MACLINE</u>	ACBB	132
(Montreal, Canada)	ACBC	134
T/L P.O. Req'ts:	ACBD	135
1) ASTM Mat'l	ACNA	131
2) Heat Treated		
HT was not performed		
by Macline. Sub-		
contracted by T/L		

<u>VENDOR</u>	<u>HEAT #</u>	<u>P.O. ITEM #</u>	<u>P.O. NUMBER</u>	<u>P.O. DATE</u>
6) <u>CUSTOM ALLOY</u>	PAUA	LATER	# 8172	6/30/81
(Califon, N.J.)	PAUAB	LATER	# 8172	6/30/81
T/L P.O. Req'ts:	PAUAC	LATER	# 8172	6/30/81
1) ASME III Class 3	PAUAD	LATER	# 8172	6/30/81
to NCA-3800	PAUAF	LATER	# 8172	6/30/81
2) Heat Treated	PAUAG	LATER	# 8172	6/30/81
	PAUAH	LATER	# 8172	6/30/81
T/L relieved in house	PAUAI	LATER	# 8172	6/30/81
then subcontracted	PAUAJ	LATER	# 8172	6/30/81
UT/PT - T/L did some	PAUAK	LATER	# 8172	6/30/81
PT in house to a	PAUAL	LATER	# 8172	6/30/81
procedure without	PAUAM	LATER	# 8172	6/30/81
acceptance criteria	PAUAN	LATER	# 8172	6/30/81
meeting NB requirements.	PAUAO	LATER	# 8172	6/30/81
Mat'l furnished as	PAUAP	LATER	# 8172	6/30/81
Class 1 to Consolidated	PAUAQ	LATER	# 8172	6/30/81
	PAUAR	LATER	# 8172	6/30/81
	PAUAS	LATER	# 8172	6/30/81
	PAUAT	LATER	# 8172	6/30/81
	PAUAV	LATER	# 8172	6/30/81
	PAUAW	LATER	# 8172	6/30/81
	PAUB	LATER	# 8172	6/30/81
	PAUE	LATER	# 8172	6/30/81
	PAUF	LATER	# 8172	6/30/81
	PAUG	LATER	# 8172	6/30/81
	PAUH	LATER	# 8172	6/30/81
	PAUI	LATER	# 8172	6/30/81
	PAUJ	LATER	# 8172	6/30/81
	PAUK	LATER	# 8172	6/30/81
	PAUL	LATER	# 8172	6/30/81
	PAUM	LATER	# 8172	6/30/81
	PAUO	LATER	# 8172	6/30/81
	PAUQ	LATER	# 8172	6/30/81
	PAUT	LATER	# 8172	6/30/81
	PAUW	LATER	# 8172	6/30/81
	PAUX	LATER	# 8172	6/30/81
	PAUY	LATER	# 8172	6/30/81
7) <u>CAPITOL</u>	HEAT #'s	698		
	LATER	699		
		705		
		707		