

P. O. BOX 840 . DENVER. COLORADO 80201

VICE PRESIDENT

.

July 30, 1984 Fort St. Vrain Unit No. 1 P-84244

Director Office of Inspection and Enforcement U. S. Nuclear Regulatory Commission Washington, D.C. 20555

> SUBJECT: Defective Threaded Rod Material - 10CFR21 Report

Dear Sir:

On June 18, 1984, Public Service Company of Colorado received material under PSC Purchase Order N-4501 for use in reinforcement of safety related masonry block walls at its Fort St. Vrain Nuclear Generating Station. The material in question was 5/8" diameter, all threaded rod, purchased under specification ASTM A193, B16.

A visual examination (Attachment 1) of the material during receiving identified fifteen (15) of a total of sixty (60) rods as having longitudinal cracks on the surface which were deeper than the thread roots. Public Service Company's Quality Assurance Division preliminarily attributed these defects to forging laps in the original stock material.

The Purchase Order required the supplier, Texas Bolt Company of Houston, Texas, to perform a visual examination of the thread area of final machined parts to identify discontinuities such as laps, seams, or cracks which are not acceptable per the referenced ASTM specification.

A Non-Conformance Report (NCR) 84-187 (Attachment 2) was written against the entire shipment of rods. The NCR disposition required that all defective material be returned to the vendor. The remaining forty-five (45) rods were to be examined by magnetic particle testing. One (1) additional rod was rejectable by this testing.

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B408070233 840730 PDR ADOCK 05000267 PDR Texas Bolt Company was contacted by telephone on June 18, 1984, and notified of the non-conformance. The above sixteen (16) rods were returned and replaced by Texas Bolt Company on Purchase Order N-4501, Supplement B. For this shipment, in addition to the visual examination, Public Service Company required that the rods be magnetic particle tested by Texas Bolt Company prior to shipment. A magnetic particle test report was provided by Texas Bolt indicating that no defects were identified (Attachment 3). However, five (5) rods of this shipment also contained defects similar to the original order. The defective rods on Supplement B were dispositioned via NCR 84-205 and the entire shipment was rejected.

All of the threaded rods in both shipments were from the same heat lot, #8087367.

Fort St. Vrain has suspended procurement of quality related materials directly from Texas Bolt Company. All past Purchase Orders have been reviewed to determine if any other material from heat #8087367 had been previously received. No other material from this heat has been received or placed into stock.

The material was ordered for the specific purpose of a design modification to reinforce safety related masonry block walls at Fort St. Vrain. However, 5/8" diameter threaded rod purchased under specification ASTM A193, B16, is a standard component which could conceivably be used in a number of safety related applications (such as flange bolting).

Although we have determined no material from heat #8087367 has previously been received or used at Fort St. Vrain our 10CFR21 Evaluation Committee has determined that the subject would be of interest to the industry. Their evaluation, as well as the 10CFR21 Report, is enclosed as Attachment 4.

If you have further questions in this regard, please contact Mr. J. W. Gahm or Mr. C. H. Fuller at (303) 785-2223.

Very truly yours,

other

O. R. Lee

ORL/alk

cc: John T. Collins

RECEIVING INSPECTION REPORTS PURCHASE ORDERS N-4501 AND N-4501, SUPPLEMENT B

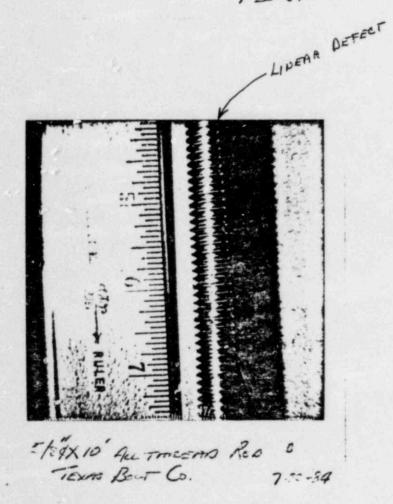
FORM (B) 372 64 2707 PUBLIC SERVICE COMPANY OF COLORADO FORT ST. VRAIN NUCLEAR GENERATING STATION RECEIVING INSPECTION REPORT MAT'L REC'D PO NO 4 11 SUPPLIE MEGR INSPECTION POINT RNR A COMMENT # 1) PHYSICAL DAMAGE INCLUDING FIRE, EXCESSIVE EXPOSURE, ROUGH HANDLING, TIE DOWN FAILURE, ETC. 2) CORRECT IDENTIFICATION AND MARKING 3) ACCEPTABLE CLEANLINESS LEVEL 4) ADEQUATE PROTECTIVE COVERS, SEALS, PRESERVATIVES & COATINGS 5) CORRECT PART NUMBERS 6) CORRECT PHYSICAL PROPERTIES 7) ACCEPTABLE DIMENSIONS ACCEPTABLE WORKMANSHIP 8) (1) 9) ACCEPTABLE DOCUMENTATION CORRECT CONFIGURATION 10) ACCEPTABLE TEST RESULTS 111 (i)SUPPLIER PERFORMANCE 121 QUALIFIED SUPPLIER VERIFIED 13) PACKAGING, SHIPPING & HANDLING 14) 15) men emaining alircan Magnet.c 2 aline ACCEPT PS PO COMPLETE REJECT - RETURN TO SUPPLIER UCD - SEE COMMENT # HOLD TAG # _ HOLD . SEE NCR # REJECT TAG # line QA/QC INSPECTOR Smitune) R# 84-187 materio P.O. CLEARED: ax # 00/68 althand not was returned to monufactur replacement node will be received on P.S. 8 . 0 32741.4 levan (BIGNATURE)

MAT'L REC'D DATE 176/84	MEGR N.540	1 3	- /		
SUPPLIER PLATION	MEGR NO.570	10			
Jeran Bolt Co.	1 source		12		
Stord all thread 1	rod				
INSPECTION POIN	IT	A	R	NR	COMMENT
1) PHYSICAL DAMAGE INCLUDING FIRE, EXCESS HANDLING, TIE DOWN FAILURE, ETC.	SIVE EXPOSURE, ROUGH	/	ŕ		
2) CORRECT IDENTIFICATION AND MARKING		1	1		No.
3) ACCEPTABLE CLEANLINESS LEVEL		V	1		
4) ADEQUATE PROTECTIVE COVERS, SEALS, PRI	ESERVATIVES & COATINGS	~			
5) CORRECT PART NUMBERS				1	
6) CORRECT PHYSICAL PROPERTIES				1	
7) ACCEPTABLE DIMENSIONS				1	
8) ACCEPTABLE WORKMANSHIP			1	-	Ø
9) ACCEPTABLE DOCUMENTATION		~	-		~
10) CORRECT CONFIGURATION				1	
11) ACCEPTABLE TEST RESULTS			V		()
12) SUPPLIER PERFORMANCE			~	-	G.
13) QUALIFIED SUPPLIER VERIFIED		1			0
14) PACKAGING, SHIPPING & HANDLING		1	-		
15)					
	A.				
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COMMENTS () () visual examinations To have linear indications remaining II will weed before cuse. ACCEPT (PS) O COMPLETE HOLD SEE COMMENT # HOLD SEE NOR #	REJECT - RETURN TO SU REJECT TAG #	_	*	1 / 1 Que - Bl	6 parts



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DEFECT 7-20-84



NON-CONFORMANCE REPORTS #84-187 FOR PURCHASE ORDER N-4501 #84-205 FOR PURCHASE ORDER N-4501, SUPPLEMENT B

X.

FORT ST. VRAIN NUCLEAR GENERATING STATION

NONCONFORMANCE REPORT

NO. 84-187

- DESCRIPTION ROD 1791628 ALL THREAD 6 EQ. IFUSENT NO LOCATION SYSTEM ReceIVINS NCE elemination of all Thread rod. Fifteen 4 Gbo linear indication WHAT CAUSED THE NONCONFORMANCE? unknown GA REVIEW INI 5-18-89 KH. artista and the second Property in the SCRAP X USE AS IS X RET REPAIR TO VENDOR REWORK DISPOSITION INSTRUCTIONS THE 45 RODS WHICH HAD NO VISUALLY DETERMINED LAPS SHALL BE SENT OUT FOR TESTING BY MAGHETIC PARTICLE METHOD. THESE RODS ARE TO BE SEGREGATED BY THE TESTER, WITH THE ACCEPTANCE CRITERIA BEING NO PRESENCE OF LINEAR INDICAT. ICHS. THE ROOS THAT ARE REJECTED BY TEST RESULTS ARE TO BE RETURNED TO THE VENDOR FOR REPLACEMENT. ACCEPTABLE RED: SHALL BE USED UPON RECEIPT AND ACCEPTANCE OF RODS AND TEST REPORT BY PSC QA. TEST REPORT SHALL BE FILED WITH P.O. ALL 15 RODS THAT WERE VISUALLY REJECTED ARE TO BE RETURNED TO VENDOR AND REPLACED BY SAME. a. Ter 6/18/84 AUTHORIZATION / APPROVALS DISPOSITION IMPLEMENTATION SATE) CATES NED 6/18/84 QA PORC ELO'D. YES [] NO NO NESC REG'D -18.89 CAN 14 375 25 2286



FORT ST. VRAIN NUCLEAR GENERATING STATION

NO 84 -205 NONCONFORMANCE REPORT DESCRIPTION THREAD ROD 1791628 Receiving U VISUAL EXAMINATION of all THREAD ROD WAS PERformed as Required by Above P.O. Five of 16 Rods were found TO HAVE LINEOR INDICATIONS (LAPS). (THESE 16 RODS ARE THE REPLACEMENTS FOR THORS RODS REJECTED ON SHIPPMENT 'A of 6-18-84 ON T'S P.O., REF. NCR it 84-187. WHAT CAUSED THE NONCONFORMANCE? UNKNOWN QA REVIEW 429/04 and the second states DISPOSITION DISPOSITION PET. TO VENDOR SCRAP INSTRUCTIONS. ENGINEERING FEELS THAT THIS MATERIAL IS UN-ACCEPTABLE FOR ITS INTENDED USE. ALL 16 RODS SHALL BE RETURNED TO VENDOR. THIS ADDITIONAL MATERIAL IS NOT REQUIRED FOR CN 1280 B, THE JOB WHICH THIS MATERIAL WAS ORDERED FOR. DISPOSITION IMPLEMENTATION AUTHORIZATION ROVALS . ONSIBLE SUPERVISOR (DATE) (BIGNATURE) (SATE) YED VERIFIED BY QC: 13-84 S (BIGNATURE) No NO CA PORC REGID: YES NESC REQ'D YES 7-16-84 26-84 FORM . 4 172 35 3386

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EXAMINATION TEST REPORTS SUPPLIED BY TEXAS BOLT COMPANY

1871 TELEFHONE FOND N. 2. 7. E HOUSTON, TETAS 77061 NUMPECT ON ACTOR (712) 645 8923 me Gerry Birt SHIPPED 10 10 -----21:2-1-11-14 Prilo 0 ---UNIT PRICE PART NUMBER 5/8 & X20' R/L .50 Pullic Senne Es of Colando P. 0 N'5401 T. B. # 177786 D - PARONESS ----------D DEMAGNATIZE Den NADIE CILDATACT CI DINER 7*610 FASONIC PENETRAN SPCT. Terms: Net 30 days Farts instructed in attordance with applicatie industrial inspection, Inc L'OLESS STANDATOS UNIES COME WISE SPECIFIES EEN.ENSTED. NOT PROC The west the Milling and a menter and Contract is In Mi dear The Inder 2.1.77 211 ALL SOPES TESTED OK. INDUSTRIAL INSPECTION. INC. Certified and in Accordance with terms and conditions an-the reverse side of this document. alla 1 12.2.3. INSPECTOR SIGNATURE

" PUBLIC SERVICE CO. OF COLORADO TEXAS BOLT COMPANY

CUSTOMER P.O. No. N5401

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P. 0. BOX 1211 HOUSTON, TEXAS 77251-1211 REPORT No._

SPECIFICATIONS: 10 CFR 21 APPLIES ASTM A193 GRADE 116 ASTM A194 GRADE 4

TEXAS BOLT ORDER No. 177786

REPORT OF PHYSICAL AND CHEMICAL TESTS

ITEM Description	Material	Quentity	No. Pes. Tosted	Step Block Tensils	Ultimate Tensile PSI	Yield Strength	Elong	RA.	Hardness	filnimum Tompering Tempsreture
ALL THREAD RODS 1. 5/8" x 10-12' RANDOM LENGTH	B16	600'	4		143,600	128,300	18.5	57.5		1200°F
HEAVY HEX NUTS 5/8" ELEVATED TEMPERATURE TEST	4047 24 IIRS.	2,300 NT 1100°	6 ?BIIN		RESULTS 39,550 L	BS. 0. K.			31/32 RC	1100°F
"ALL MATERIAL IS OF U.S.	DRICIN A	ND MANUE	CTUDE "							

"ALL MATERIAL IS OF U. S. PRIGIN AND MANUFACTURE."

"ALL MATERIAL IS IN ACCORDANCE WITH TEXAS BOLT'S QUALITY ASSURANCE MANUAL, REV. 7. DATED 4/26/8."

- No.	VISUAL MAN	MAN A Inspection	•	Heat Number	c	Ma						1			1
	No. Tosted	Accepted	Rejected			Mn	SI	S	P	Cr	NI	Mo	v		-
1.	600'	600 '	0	8087367 AVG. CHEM CHECK	.400	.57	.30	.022	.008	.95		.51	.27		
5/8*	2,300	2,300	0	6064469 AVC. CHEM CHECK	.47	.83 .85	.22 .21	.030 .031	.015			.23 .25			
INSPEC	COR EVALUA	ION APPRO	ED RY.					80 - 9		144					
	NNE STOCKTO			TOR			10.5		1 - 1					1.1.1	

STATE OF TEXAS

Subscribed and swarn to balars me this ______ day of

Junc 19 84.

Hatery public in and for Harris County, Texas. My commission expires friday . 26 . 555

cartify the above results to be correct as contained in the records of the company.

Madalyane Stockton

TEXAS	BOLT	COMP	NY
	~~~	COMIT 1	VIA Y

CUSTOMER P.O. N. N5401 "REPLACEMENT"

1. .... PUBLIC SERVICE CO. OF COLORADO

16xAS BOLT ORDER No. 177786 6-19-84 SC

# P. 0. BOX 1211 HOUSTON, TEXAS 77251-1211

REPORT No.

10 CFR PART 21 APPLIES SPECIFICATIONS. ASTM A193 GRADE B16

REPORT OF PHYSICAL AND CHEMICAL TESTS

ITEM	Description		Material	Quantity	No. Pcs. Tested		op Block Tensile		Ultimate Tensile PS	I	Y:eld Strength	Elang	RA.	Hardness	Minimum Tempering
1. 5/0 "ALL N	TREAD ROD B" X 10 TO MATERIALIS	IN ACCORDA	B16 NCE WITH RIGIN A	160 FT. H TEXAS BO ND MANUFAC	DLT'S QU	ALITY	ASSURA	and the second se	3,800 Wal, rev	. 7, 1	28,400 DATED 4/	18.1	57.0		1200 ⁰ F.
• No.	Visual Mado No. Tourod	(He)Xa Inspection Accepted	, Rejected	Hear Nu	mber	c	Mn	Si	s	P	C,	Ni	Mo		
1.	160 FT.	160 FT.	0	8087367 AVG. CHEM		.400 .401	.57	.30 .33	.022	.03* .00	.95		.51	.27 .29	
INSPEC EDWARD	FOR EVALUAT J. CHARANZ	ION APPRO A, LEVEL	VED BY: III INSP	ECTOR											

ATE OF TEXAS

19th becribed and sworn to balars me thigh day of

. 19 and the Harris Stary 14, 1988

certify the above results to be correct as contained in the records of the company.

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10CFR21 COMMITTEE EVALUATION 10CFR21 REPORT

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PUBLIC SERVICE COMPANY OF COLORADO

FORT ST. VRAIN NUCLEAR GENERATING STATION

# PART 21 REPORT EVALUATION

NO. P 21 -0020 PAGE 1 OF 2

A	DES	CRIBE	DEFEC	TOR FAILURE-TO-COMPLY Linear surface indications were visually observed in
				5) of sixty (60) all threaded rods which were to be used for reinforcement
	0	f saf	ety 1	related masonry block walls. Material was ordered under Public Service
	C	ompan	y Pu	rchase Order N-4501, which required visual examination by the vendor
				ification ASTM A193, B16. Subsequent replacement of defective material
				efective.
		42 01	50 00	
8	PRE	LIMINA	ARY EV	ALUATION
	ANS	WEREA	ACH OF	THE FOLLOWING
	1	YES	N0	SAFETY RELATED PLANT STRUCTURE, SYSTEM, COMPONENT, PART?
	2	X		PLANT FEATURES DESCRIBED IN THE FSAR?
	3		X	PLANT FEATURES ADDRESSED IN THE TECHNICAL SPECIFICATIONS?
	4	X		SUBJECT OF AN APPLICABLE NRC REGULATION?
	5		X	SITUATION IS NOT REPORTABLE UNDER THE CRITERIA OF TECH SPEC AC 7.2c, 7.5.2a, OR 7.5.2b.
NO	TE:			ONE "YES" BOX MUST BE CHECKED ABOVE FOR THE DEFECT OR FAILURE-TO-COMPLY TO HAVE THE POTEN- REATING A SUBSTANTIAL SAFETY HAZARD.
c	DET	ERMINE	EIFAS	SUBSTANTIAL SAFETY HAZARD EXISTS
	NO	A SIT	UATIO	N WHICH COULD CONTRIBUTE TO THE RELEASE OF LICENSED MATERIAL.
	NO			IN WHICH COULD CONTRIBUTE TO PUBLIC RADIOACTIVITY EXPOSURE EXCEEDING THE CALCULATED EX-
	VES	A SITI	UATIC	N WHICH COULD RESULT IN FAILURE OF A SAFETY RELATED COMPONENT OR DEVICE TO OPERATE.
	NO			CY IN THE DESIGN, CONSTRUCTION, INSPECTION, TESTING, OR USE OF A LICENSED FACILITY OR MATERIAL LD DOWNGRADE THE MARGIN OF SAFETY.
	NÖ		UATIO	N THAT COULD RESULT IN A FAILURE OF THE PHYSICAL SECURITY SYSTEM TO MEET THE APPROVED SEN.
D	NO	THE D	EFECT	OR FAILURE-TO-COMPLY MEETS NONE OF THE ABOVE CRITERIA.

PART 21 REPORT EVALUA	NO. P 21 PAGE 2 OF	CONTRACTOR AND ADDRESS OF A DESCRIPTION OF
EVALUATION NOTES AND COMMENTS		
1) Standard type material which could	have been used in a number	of applicatio
such as safety related piping flar	ges. Although this material	was identifi
as being defective prior to its us	e, and appears to be limited	to heat
#8087367, others should be made aw	are of the problem.	
2) Implementation of Texas Bolt inspe	and the second second	
<ol> <li>Bolting not specifically addressed</li> </ol>		anort but
		port, but
potential uses of this material ar	e	
1 Fuller 2 Orlin 4 Prenger (Guest) 5 CONCLUSION THE EVALUATION TEAM HAS CONCLUDED QUNANIMOU		
4 Prenger (Guest) 5	66	E DEFECT OR FAILU JBSTANTIAL SAFET
4 Prenger (Guest) 5 CONCLUSION THE EVALUATION TEAM HAS CONCLUDED QUNANIMOU COMPLY DESCRIBED ON THE ATTACHED PART 21 REPORT ARD. MAJORITY MULLIONATURE (SIGNATURE)	6	E DEFECT OR FAILU JBSTANTIAL SAFET
4 Prenger (Guest) 5 CONCLUSION THE EVALUATION TEAM HAS CONCLUDED QUNANIMOU COMPLY DESCRIBED ON THE ATTACHED PART 21 REPORT ARD. MAJORITY MANAGE MINORITY (SIGNATURE) PAR 21 REPORT TO THE NRC NO. 50 · 267/ 84-01	6	E DEFECT OR FAILU JBSTANTIAL SAFET
4 Prenger (Guest) 5 CONCLUSION THE EVALUATION TEAM HAS CONCLUDED QUNANIMOU COMPLY DESCRIBED ON THE ATTACHED PART 21 REPORT ARD. MAJORITY MULLAN MINORITY (BIGNATURE) PAR C1 REPORT TO THE NRC NO. 50 - 267/ 84-01 EVALUATION TEAM LEADER	6	E DEFECT OR FAILU JBSTANTIAL SAFET
4 Prenger (Guest) 5 CONCLUSION THE EVALUATION TEAM HAS CONCLUDED QUNANIMOU COMPLY DESCRIBED ON THE ATTACHED PART 21 REPORT ARD. MAJORITY	6	E DEFECT OR FAILU UBSTANTIAL SAFET
4 Prenger (Guest) 5 CONCLUSION THE EVALUATION TEAM HAS CONCLUDED QUNANIMOU COMPLY DESCRIBED ON THE ATTACHED PART 21 REPORT ARD. MAJORITY	SLY BY MAJORITY VOTE THAT THE DOES DOES NOT CREATE A SU CULLIC (SIGNATURE)  REPORT NOT REQUIRED  (SIGNATURE)  VICE PRESIDENT, ENGINEERING AN QUALITY ASSURANCE MANAGER	DEFECT OR FAILU JBSTANTIAL SAFET
4 Prenger (Guest) 5 CONCLUSION THE EVALUATION TEAM HAS CONCLUDED QUNANIMOU COMPLY DESCRIBED ON THE ATTACHED PART 21 REPORT ARD. MAJORITY	6	DEFECT OR FAILU JBSTANTIAL SAFET (BIONATURE) 07/30/05 (BATE) D P_ANNING



FORT ST. VRAIN NUCLEAR GENERATING STATION

PART 21 REPORT TO THE NRC

NO. 50-267 / 84-01 PAGE 1 OF 3

- 1 FACILITY: FORT ST. VRAIN NUCLEAR GENERATING STATION.
- 2 BASIC COMPONENT OR ACTIVITY THAT FAILS TO COMPLY OR CONTAINS A DEFECT:

5/8" Diameter x 10' length, all threaded rod, heat #8087367.

Supplied by: Texas Bolt Company P. O. Box 1211 Houston, Texas 77251

Purchased under: Purchase Order N-4501 and Purchase Order N-4501, Supplement B. Specification ASTM A193, B16.

3 IDENTIFICATION OF FIRM CONSTRUCTING THE FACILITY OR SUPPLYING THE BASIC COMPONENT OR ACTIVITY THAT FAILS TO COMPLY OR CONTAINS A DEFECT:

Supplier - Texas Bolt Company, P. O. Box 1211, Houston, Texas 77251

4 NATURE OF THE DEFECT OR FAILURE TO COMPLY AND THE SAFETY HAZARD WHICH IS CREATED OR COULD BE CREATED BY SUCH DEFECT OR FAILURE TO COMPLY:

Under Purchase Order N-4501: Fifteen (15) of sixty (60) threaded rods had longitudinal cracks (laps) detected under visual receipt inspection. Of the remaining forty-five (45) rods which were magnetic particle tested, one (1) addi onal rod was rejected.

Under Pur hase Order N-4501, Supplement B: Five (5) of sixteen (16) threaded rods for the replacement shipment had longitudinal cracks (laps) detected under visual receipt inspection.



FORT ST. VRAIN NUCLEAR GENERATING STATION

### PART 21 REPORT TO THE NRC

NO. 50 - 267/ 84-01 PAGE 2 OF 3

5 DATE ON WHICH THE INFORMATION OF DEFECT OR FAILURE - TO - COMPLY WAS OBTAINED:

#### July 30, 1984

6 IN THE CASE OF A BASIC COMPONENT WHICH CONTAINS A DEFECT OR FAILURE - TO - COMPLY, THE NUMBER AND LOCATION OF ALL SUCH COMPONENTS IN USE AT THE FACILITY:

None. Defective material was identified during receiving inspection and prior to use. No other material of this heat number is in use at Fort St. Vrain.

- CORRECTIVE ACTION THAT HAS BEEN, OR WILL BE TAKEN; THE NAME OF THE INDIVIDUAL OR ORGANIZATION RESPONSIBLE FOR THE ACTION AND THE LENGTH OF TIME THAT HAS BEEN OR WILL BE TAKEN TO COMPLETE THE ACTION:
  - a. For Purchase Order N-4501, the fifteen (15) rods identified by visual examination to be defective were rejected. All remaining rods were magnetic particle tested and one (1) additional rod was rejected under this test. These sixteen (16) rods were returned to vendor for replacement.
  - b. For Purchase Order N-4501, Supplement B, sixteen (16) replacement rods were received. Of these, five (5) were rejectable by visual examination. All sixteen (16) rods were rejected and sent back to the vendor. No replacements were requested or received.

(continued on Page 3)

8 ADVICE RELATED TO THE DEFECT OR FAILURE TO COMPLY ABOUT THE FACILITY, ACTIVITY, OR BASIC COMPONENT THAT HAS BEEN, IS BEING, OR WILL BE GIVEN TO PURCHASERS OR LICENSEES.

Texas Bolt Company was to perform a visual examination of the material prior to the first shipment. A magnetic particle test was also requested for the replacement shipment. These tests/inspections were not performed in sufficient depth by Texas Bolt Company to identify the defects.

9 NOTIFICATION TO THE NRC BY:

O. R. LEE VICE PRESIDENT, ELECTRIC PRODUCTION PUBLIC SERVICE COMPANY OF COLORADO P. O. BOX 840 DENVER, COLORADO 80201

PR,

(SIGNATURE)

7-31-84 (DATE)

No. 50-267/84-01 Page 3 of 3

7. (continued)

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- c. Procurement of all quality related materials directly from Texas Bolt Company has been suspended.
- d. All previous Purchase Orders were reviewed to determine if any other material from heat #8087367 has been received. No other material from this heat has been received or is in use.