

PDR Docket 99900225

Foxboro, MA U.S.A. 02035-2099
Telephone 508-543-8750
Telex 927-602 or TRT 174090

The Foxboro Company

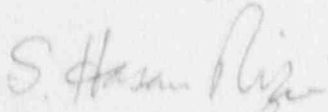
14 December 1990

Mr. Kamalakar R. Naidu
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Naidu:

Enclosed please find a copy of the final version of our notification letter which was mailed today to all Nuclear Utilities listed in the 1990 copy of ROSTER OF UTILITIES.

Yours truly,



S. Hasan Rizvi
Manager, Corporate Quality Assurance

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The Foxboro Company

Foxboro MA U.S.A. 02835-2000
Telephone 508-543-8750
Telex 827-802 of THT 174000

14 December 1990

Mr. Milton P. Alexich
Vice President
Indiana Michigan Power Company
C/O American Electric Power Serv. Corp.
1 Riverside Plaza
Columbus, OH 43216

Attention: Vice President

Reference: Foxboro Model No. N-E13DM-IHM2
or Spare Part No. N0141FN

In compliance with 10CFR Part 21.21(a)(1) (ii), this letter is to notify you that we may have shipped you either a transmitter with an improperly processed part and/or the part itself. The subject part is Part No. N0141FN, a bracket, and is identified as number 24 in the attached Figure No. 1. The bracket is located in the transmitter topworks at the top of the force bar assembly and provides topworks static alignment and overrange protection. In August of 1989 the bracket material was changed to a 410SS, which requires a two step heat treating process, instead of a single step process, for proper material characteristics. The correct process change was not implemented until Jan.-Feb. 1990. Single step heat treatment of 410SS allows cracks to form near the bracket mounting hole and from which the cracks will continue to propagate, thus weakening the bracket. This discrepancy was discovered only very recently. Weakening brackets may cause one of the following to occur:

- a. Zero Drift and/or Span Drift in the downscale direction
- b. Static Alignment Errors Unable to Realign (DP's only)
- c. Excessive Calibration Non-linearity (>1%) Zero or Elev/Supp Ranges
- d. Inability to adjust from a Zero Based Range to a Suppressed Range Calibration (Using an Elev/Supp Bias Kit)
- e. Greater than normal Overrange Errors

Catastrophic failure of a transmitter with the faulty bracket is not expected based on output performance failure analysis.

Visual inspection will not reveal the existence of cracks because of bracket painting but different bracket finishes do identify suspected or faulty processed brackets. Unfinished/unpainted brackets and brackets with a "Gray" painted finish must be replaced. Brackets with a "Silvery" finish similar to the finish on the "Forcemotor" are correctly processed and replacement is not necessary.

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Thus, transmitter and spare part purchases of the bracket after August 1989 may contain the faulty bracket that requires replacement.

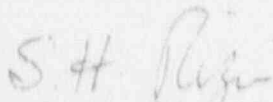
Brackets, Part No. N0141FN, with replacement instructions will be provided free of charge to all users who have the identified faulty transmitters or spare parts. If you have purchased either transmitters or spare parts from The Foxboro Company, you will find attached a listing by serial number and tag number identifying the quantity of each item purchased. This information will help you in ordering replacement parts. Please order these parts through the normal ordering procedure. If there is no attachment then our records do not indicate that you have purchased any of these items and this letter is for your information only.

Use of applicable Foxboro Master Instructions (MI's) will be required to properly align the specific transmitter after bracket installation. It is recommended that only personnel trained in Foxboro Transmitter servicing should perform bracket replacement and transmitter re-alignment. Replacement brackets 24 include screw 25 and locking nut 26 as in Figure No. 1, attached. The mounting screw 23 can be re-used for bracket replacement.

Any questions regarding this notification or these procedures, please contact:

Robert Ringland
The Foxboro Company
(508) 549-6333

Very truly yours,

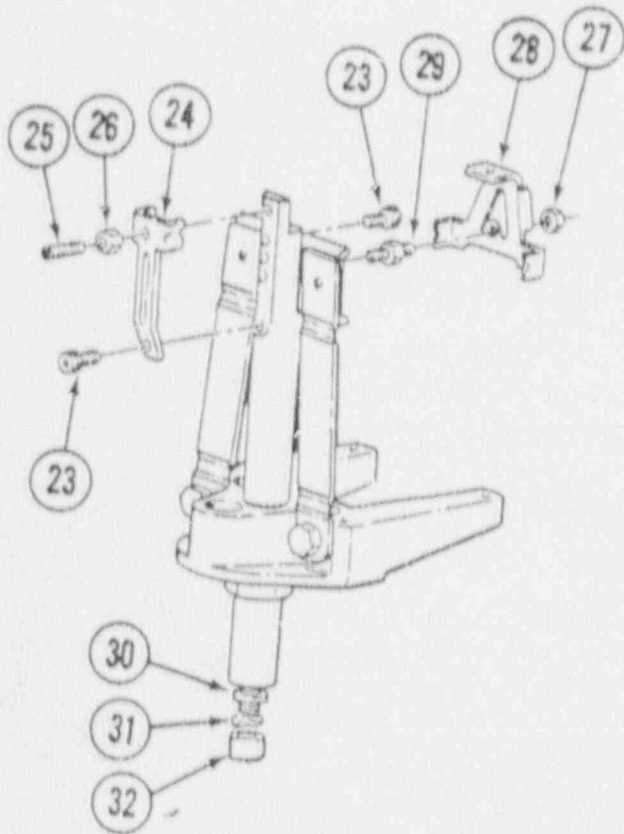


S. H. Rizvi
Manager, Corporate Quality Assurance

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Figure No. 1



- 23 - Screw, Mounting
- 24 - Bracket, Pt. No. NO141FN
- 25 - Screw
- 26 - Nut, Locking