FOXBORO The Foxboro Company

Foxboro, MA U.S.A. 02035-2099 Telephone: 508-543-8750 Telex: 927-602 or MCI-6817560 Fax: 508-549-6770

15 November 1991

Mr. C.H. Berlinger
Generic Communication Branch
United States Nuclear Regulatory Commission
Washington, DC 20555

SUBJECT: Nuclear Notification, Foxboro Seismic Mounting Kit, Part Number N0150RG (Horizontal Pipe Mounting of N-E11GM, DM, and AH Transmitters)

Dear Mr. Berlinger,

Attached is a copy of a letter which has been sent to customers who are on record as having purchased the subject units from The Foxboro Company. The customers are:

Connecticut Yankee Atomic Power Company

Indiana Michigan Power Company

New Hampshire Yankee

Niagara Mohawk Power Corporation

Rochester Gas & Electric Corporation

Southern California Edison

Weed Instrument Company, Incorporated was notified on 8 November 1991 because initially we believed they were the only one with the incorrect material.

The notification to customers was mailed today, 15 November 1991.

Very truly yours,

S.H. Rizvi

S.H. Rizvi, Director
Corporate Quality Assurance

baa(PW009391)
Attachment

SIEBE
A SIEBE COMPANY

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15 November 1991

Title *First Name* *Last Name*
Position
Company
Address
City, *State* *Zip*

SUBJECT: Foxboro Seismic Mounting Kit Pt. No. NO150RG
(Horizontal Pipe Mounting of N-E11GM, DM and AH Transmitters)

Reference:

Dear *Title* *First Name* *Last Name*

In compliance with 10CFR Part 21.21(a)(1)(ii), this letter is to notify you that we may have shipped you, as an N-E10 Seismic Mounting Kit, P/N NO150RG with the incorrect transmitter-to-bracket mounting socket cap screws. The mounting kit is for Horizontal Pipe Mounting of N-E11GM, N-E11DM or N-E11AH Transmitters. The mounting kit may also have been shipped with a transmitter order.

The mounting kit may have socket cap screws of material ASTM 384 (18-8 SS)(P/N XO134FC) versus the correct material ASTM A574 (P/N XO134EM). The ASTM 384 stainless steel socket cap screws are easily recognized by the bright silvery finish of stainless and the correct screws have a yellow chromate plating which is pale amber color. The difference between the tensile and yield strengths of the two materials is significant. The combined seismic stresses of tensile and shear for some seismic applications would be greater than our design requirement of 0.6X Yield Strength for the cap screw material ASTM 384.

Potential failure of the ASTM 384 socket cap screws under seismic dynamic tensile and shear loads is possible, thus they must be replaced.

In May of 1989 an order of socket cap screws of the incorrect ASTM 384 material was received from our supplier. The incoming inspector failed to follow the proper inspection procedures and the incorrect socket cap screws were accepted. Corrective actions are being implemented to prevent reoccurrence.

Seismic mounting kits P/N NO150RG were assembled at Foxboro and distributed either by us or through Weed Instrument. If you received the P/N NO150RG kit after May 1989, then visual inspection of kits in your stock and/or of the mounted transmitters for the incorrect cap screws is required. As stated above, the difference in finish, silvery versus pale amber, will identify the incorrect stainless steel screw. Also, the correct screws are magnetic and the incorrect ones are stainless steel non-magnetic which gives an additional means of checking the screw material.

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The Foxboro Master Instruction 020-165 for Seismic Mounting must be followed for replacement and tightening of the correct cap screws. The screws are identified as bolt "A" in the MI 020-165. The correct socket cap screws P/N XO134EM are available and will be forwarded upon request at no charge.

Any questions regarding this notification or procedures please contact:

Ms. Sheila Foskett
The FOXBORO CO.
Tel.(508) 549 - 4053
or Fax (508) 549 - 4330

S.H. Rizvi, Director
Corporate Quality Assurance

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