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To	NRC Ops Center-	From
Co.		Co.
Dept.	6983	Phone #
Fax #	612-828-3237	Fax #

May 4, 1993

Director  
Office of Nuclear Reactor Regulation  
U.S. NUCLEAR REGULATORY COMMISSION  
Washington, D.C. 20555

Subject: Notification Concerning Rosemount Model 1152  
Pressure Transmitter Flange O-Ring Issue

Gentleman:

Rosemount Aerospace Inc. is a manufacturer and supplier of pressure transmitters to a large number of customers with nuclear application. The purpose of this letter is to inform you that four (4) Rosemount Model 1152 Pressure Transmitters have been assembled and shipped to customers with a different flange o-ring than was specified in the applicable drawings.

Rosemount is in the process of identifying and notifying the customers who have purchased these transmitters so that they may review the foregoing in view of their specific application. Rosemount itself is not in a position to evaluate the specific application conditions and circumstances of each transmitter and is, therefore, unable to determine whether or not any of these transmitters could create a "substantial safety hazard" or failure to comply under 10 CFR 21. A copy of our notification letter is attached.

Should you have any questions, please contact Jane Sandstrom, Marketing Manager, at 612-828-3286.

Very truly yours,

Richard G. Ballintine  
Vice President  
Government Relations and Administration  
Rosemount Aerospace Inc.

**ROSEMOUNT®**

Measurement  
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Rosemount Inc.  
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<data waddress>

May 4, 1993

<company>  
<address1>  
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<city>, <state> <zip>

Re: Notification on Rosemount Model 1152  
Transmitters

Our records show that your company purchased a (identify model & range) which was assembled and shipped with a different flange o-ring than that specified in the applicable drawings. This letter addresses how to identify and correct this situation.

Since we are unable to assess the impact this may have on your particular application of this product, we are notifying you of the deviation in order that you may evaluate, in accordance with the terms of 10 CFR 21, how this affects your application.

We are providing the required information as follows:

1. Name and address of the individual providing information:

Mr. Richard G. Ballintine  
Vice President Government Relations and Administration  
Rosemount Aerospace Inc.  
14300 Judicial Road  
Burnsville, MN 55337

2. Identification of the items supplied:

One Rosemount Model 1152 range 5 (0-125/750 inches H<sub>2</sub>O) high line differential pressure transmitter and three range 9 (0-500/3000 psig) gage pressure transmitters. A total of 4 of these transmitters have been supplied to customers. See attachment A for a listing by serial number of those specific transmitters shipped to your site.

Rosemount Inc.  
12001 Technology Drive  
Eagan Prairie, MN 55344 USA

3. Identification of the firm supplying the item:

Rosemount Aerospace Inc.  
14300 Judicial Road  
Burnsville, MN 55337

4. Nature of the failure and potential safety hazard:

The units may have been assembled with flange o-rings of different hardness (durometer) rating than specified by the applicable drawing. The o-rings may fail to retain high pressure and therefore the units may leak process fluid.

The potential safety hazard is that the unit may leak process fluid and thus provide a signal not representative of the sensed parameter. Leakage of the process fluid outside of the transmitter flange may also be of concern.

5. The corrective action taken, the name of the individual or organization responsible for that action and the length of time that will be taken to complete that action:

Rosemount has identified the proximate cause to be a misidentified lot of o-rings which are used in the final assembly of same 1152 series transmitters.

All in-process/in-stock 1152 transmitters have been inspected and reworked as necessary to ensure the proper o-rings are installed. The suspect lot of o-rings has been removed from production. All in-stock o-rings have been inspected to ensure proper labeling.

Rosemount has completed a thorough review of all floor stock to assure proper identification and traceability of all parts used during assembly.

A Process Improvement Team (PIT) will be charged with reviewing current processes for handling floor stock and recommending revisions to preclude further occurrence. These recommendations are due to management not later than 30 June 1993. Mr. Ken Ewald, Nuclear Business Unit Manager, is responsible for further action.

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6. Any advice related to the potential failure of the item:

Rosemount will either provide the correct o-rings for the customer to replace or the transmitters may be returned to Rosemount for o-ring replacement.

Rosemount recommends that you thoroughly review the identified products delivered to your plant sites as they relate to this information. We urge you to make a determination of the safety considerations for your application.

Rosemount has a strong commitment to the nuclear industry and wants to assure you that we are dedicated to supplying quality products and services to our customers. Please contact Jane Sandstrom, Product Marketing Manager, at (612) 828-3286 should you have questions on this issue.

Sincerely,



Richard G. Ballintine  
Vice President, Government Relations and Administration  
ROSEMOUNT AEROSPACE INC.

RGB:jh

Enc.: Attachment

ATTACHMENT A

<u>Customer</u>	<u>P.O. Number</u>	<u>Model Number</u>	<u>Serial No.</u>
TVA	21042-J-301.8-Q	1152GP9L92T1805PB	0506769

ATTACHMENT A

<u>Customer</u>	<u>P.O. Number</u>	<u>Model Number</u>	<u>Serial No.</u>
Detroit Edison	NM-270802	1152GP9L22T1805PB	0506746 0506747

ATTACHMENT A

<u>Customer</u>	<u>P.O. Number</u>	<u>Model Number</u>	<u>Serial No.</u>
TU Electric	S 0070185 6S6	1152HP5N92T0038PB	0506877