



Rosemount Nuclear Instruments, Inc.
12001 Technology Drive
Eden Prairie, MN 55344
USA

T (952) 828-8252
F (952) 828-8280

22 August, 2001

Re: Notification under 10 CFR Part 21 for Model 1159 Remote Diaphragm Seals

Pursuant to 10CFR Part 21 Paragraph 21.21(b), Rosemount Nuclear Instruments, Inc. (RNII) is writing to inform you of a potential nonconformance related to two model 1159 remote diaphragm seals. The two remote diaphragm seals are connected to a single Rosemount nuclear qualified transmitter with serial number 0521038. The two remote diaphragm seals are used to measure differential process pressure or liquid level while preventing the process fluid from contacting the transmitter diaphragm. The remote seals contain discrepant fill fluid screws. The fill fluid screws are part of the pressure boundary of the remote seal system. The nonconformance was due to an oversight during assembly, which has been corrected.

The material specification for the qualified fill screws is 416 SST. The unqualified fill screws are 416 SST with a ball tip that is AISA E52100. The ball tip allows multiple insertions. The qualified screw does not possess the bearing feature.

1.0 Name and address of the individual providing the information:

Mr. Jeffrey W. Schmitt
Vice President & General Manager
Rosemount Nuclear Instruments, Inc.
12001 Technology Drive
Eden Prairie, MN 55344

2.0 Identification of items supplied:

Model 1159 Remote Diaphragm Seals

3.0 Identification of firm supplying the item:

Rosemount Nuclear Instruments, Inc.
12001 Technology Drive
Eden Prairie, MN 55344

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4.0 Nature of the failure and potential safety hazard:

This notification relates to two Model 1159 Remote Diaphragm Seals, which contain discrepant fill fluid seal screws. These screws are part of the pressure boundary of the remote diaphragm seal system.

This notification is not applicable to other remote diaphragm seal systems.

RNII has determined that there is no safety impact related to plant applications. RNII does not feel Licensees with installed Model 1159 Remote Diaphragm Seals need to address this issue.

5.0 The corrective action which is taken, the name of the individual or organization responsible for that action and the length of time taken to complete that action:

RNII immediately contacted the affected customer, and the nonconforming seals were returned to RNII prior to installation into the customer's facility. The unit will be reworked to conform to the qualification requirements.

RNII internal corrective actions:

1. Revised the non-standard filling procedure for remote seals to ensure that qualified fill screws are installed during the filling process.
2. Training of engineering, manufacturing and quality personnel involved in the preparation, review and approval of non-standard procedures and processes to reemphasize the need to specifically address the material requirements.

6.0 Any advice related to the potential failure of the item:

This notification applies to a single transmitter with two Model 1159C20A Remote Diaphragm Seals. This unit was returned to RNII prior to installation; therefore, does not pose a potential failure.

10CFR21 Notification

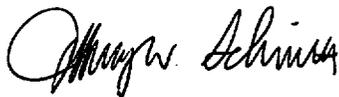
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Rosemount Nuclear Instruments, Inc. has a strong commitment to the nuclear industry and assures you that we are dedicated to the supply of high quality products and services to our customers. We are sorry for any inconvenience. If there are any questions, or you require additional information related to this issue, please contact Mike Dougherty (952) 828-5626, Gerard Hanson (952) 828-3480, Bob Cleveland (952) 828- 8255, or Rustin Ekness (952) 828-8254.

Sincerely,

ROSEMOUNT NUCLEAR INSTRUMENTS, INC.

A handwritten signature in black ink, appearing to read "J. W. Schmitt". The signature is written in a cursive style with a large initial "J".

J. W. Schmitt
Vice President & General Manager