



Rosemount Nuclear Instruments, Inc.
12001 Technology Drive
Eden Prairie, MN 55344-3695 USA
www.RosemountNuclear.com

Tel 1 (952) 828-8252
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9 September 2002

Re: Notification under 10 CFR Part 21 for Model 1153 Differential Pressure Transmitters

Pursuant to 10 CFR Part 21, section 21.21(b), Rosemount Nuclear Instruments, Inc. (RNII) is writing to inform you that:

- (a) certain Model 1153 differential pressure transmitters with model codes beginning with "1153D" or "1153H" shipped between March 2001 and August 2002 , and
- (b) spare sensor modules shipped between March 2001 and August 2002 with kit part numbers :

01153-0320-0232
01153-0320-0352
01153-0320-0252

may not meet RNII's published temperature effect specification. Other Model 1152, 1153 and 1154 pressure transmitters are not affected. A list of affected Model 1153 pressure transmitters and spare sensor modules shipped to the end user's facility is provided in Attachment A.

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:

Certain Model 1153 differential pressure transmitters with model codes beginning with "1153D" or "1153H" shipped between March 2001 and August 2002

and;

Spare sensor modules shipped between March 2001 and August 2002 with kit part numbers:

01153-0320-0232
01153-0320-0352
01153-0320-0252

See Attachment A for complete listing of affected equipment shipped to the end user's facility.

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3.0 Identification of firm supplying the item:

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

4.0 Nature of the failure and potential safety hazard:

During the course of quality testing and data review, RNII has determined that certain Model 1153 differential pressure transmitters and spare sensor modules may not meet the published temperature effect specification. The temperature effect specification establishes an expected analog output error interval during normal ambient temperature variations occurring between 40°F (4.4°C) and 200°F (93.3°C). While analysis is still ongoing, the root cause of the potential nonconformance has been narrowed to the effect of temperature changes on the transmitter module.

Based on data review and analysis, RNII has established the following ambient temperature effect specification for transmitters affected by this notification. This specification supercedes the published temperature effect specification for all pressure transmitters affected by this notification.

All Range Codes: $\pm 3.0\%$ of Upper Range Limit per 100°F (55.6°C)

RNII does not have sufficient information relative to each end user's specific applications to determine the potential safety-related impact to each end user's plant. Each end user must determine the impact on its plant operations and plant safety and take action as deemed necessary.

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:

- (a) RNII has expanded its temperature effect test screen to include all model 1153 pressure transmitters to assure that all further shipments of model 1153 pressure transmitters meet RNII's published temperature effect specification.
- (b) RNII has placed a hold on spare sensor module shipments.
- (c) RNII has established a new temperature effect specification for pressure transmitters impacted by this notification as noted in Section 4.0.
- (d) RNII will verify ambient temperature effect performance to the original specification on any returned Model 1153 differential pressure transmitter or sensor module affected by this notification and repair or replace if required.
- (e) RNII will continue root cause analysis of the temperature effect potential non-conformance. Action will be taken consistent with the findings of this analysis to assure conformance to RNII's published temperature effect specifications. Anticipated completion date: 1 November 2002.
- (f) RNII will remove the hold on spare sensor modules when actions per 5.0 (e) are complete.

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

The end user must determine the impact of this potential non-conformance upon its plant's operation and safety and take action as deemed necessary. If the end user determines that return of a pressure transmitter or sensor module is required, RNI should be contacted to facilitate the return process.

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 potential impact that this notification might cause. If there are any questions, or you require additional information related to this issue, please contact Mike Dougherty (952) 828-5626, Gerard Hanson (952) 828-3951, Bob Cleveland at (952) 828-8255, or Matt Doyle at (952) 828-3480.

Sincerely,

ROSEMOUNT NUCLEAR INSTRUMENTS, INC.



Jeffrey W. Schmitt
Vice President & General Manager

09/09/02 22:14
SEP-09-2002 16:48

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ATTACHMENT A
10CFR PART 21 - NOTIFICATION 09 SEPTEMBER 2002
Constellation Nuclear

Customer	Order	Model Number	Serial Number	Ship Date
02-39098-001	1001628	1153DD5RG	0523325	05/20/02

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ATTACHMENT A
10CFR PART 21 - NOTIFICATION 09 SEPTEMBER 2002
Detroit Edison Co

Customer PO #	Sales Order	Model Number	Serial Number	Ship Date
NM-361842 OC 2	1052633	1153DD3PB	0523927	07/11/02

ATTACHMENT A
10CFR PART 21 - NOTIFICATION 09 SEPTEMBER 2002
Carolina Power and Light Co

Customer PO#	Sales Order	Model Number or Metric	Serial Number	Ship Date
00030471	897075	1153DB4RA	0522269	09/18/01
00034036	912114	1153DB5RA	0522012	09/12/01
00034036	912114	1153DB5RA	0522013	09/12/01
00034036	912114	1153DB5RA	0522014	09/12/01
00035409	916012	1153HD4PC	0522405	10/17/01
00054674	990980	1153DB5PB	0523292	03/15/02
00064802	1018127	1153DB4RA	0523543	06/05/02

ATTACHMENT A
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Dominion Generation

Customer ID	Sales Order	Module	Serial Number	Ship Date
45082607	862286	1153DD6PA	0521504	07/19/01
45082607	862286	1153DD6PA	0521505	07/19/01

ATTACHMENT A
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Duke Energy Corp

Customer PO	Sales Order	Model Number	Serial Number	Ship Date
NE4517	1014592	1153DD5PB	0523841	07/08/02
NE4517	1014592	1153DD5PB	0523842	07/08/02
NE4517	1014592	1153DD5PB	0523847	07/08/02
NE4517	1014592	1153DD5PB	0523848	07/08/02
NE4517	1014592	1153DD5PB	0523849	07/08/02
NE4517	1014592	1153DD5PB	0523850	07/08/02
NE4517	1014592	1153DD5PB	0523851	07/08/02

ATTACHMENT A
10CFR PART 21 - NOTIFICATION 09 SEPTEMBER 2002
Entergy Corp

Customer PO	Sales Order	Module	Serial Number	Ship Date
James A. Fitzpatrick Station				
4500501333	818832	1153DB5RC	0520785	03/13/01
4500512836	1060106	1153DB4RC	0523984	07/18/02
4500512836	1060106	1153DB4RC	0523985	07/18/02
4500512836	1060106	1153DB5RC	0523986	07/18/02
4500512836	1060106	1153DB5RC	0523987	07/18/02
Pilgrim Station				
PSO1-10500	840885	1153DB6RCN0012	0521244	07/30/01
PSO1-10500	840885	1153DB6RCN0012	0521245	07/30/01
PSO1-10500	840885	1153DB6RCN0012	0521246	07/30/01
Riverbend Station				
RBV11078 0002	899379	1153DB5PC	0522245	09/19/01
RBV11529 0002	951150	1153DB5PC	0522620	12/26/01
RBV11533 0001	994713	1153DB4RBN0037	0523258	03/21/02
RBV20626 003	987729	1153DB4PA	0523252	03/25/02
RBV20626 003	987729	1153DB4PA	0523253	03/25/02

ATTACHMENT A
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Exelon Generation Co LLC

Customer ID	Site ID	Model Number	Serial Number	Ship Date
Crescent Station				
00028778	915307	1153DB5PB	0522412	10/03/01
00035351 REV 001	966493	1153DB4PAN0072	0523512	04/22/02
00036500 REV 002	975480	1153DB5PB	0523249	03/25/02
00036500 REV 002	975480	1153DB5PB	0523250	03/25/02
00036500 REV 002	975480	1153DB5PB	0523251	03/25/02
Clinton Power Station				
00030071 REV 002	912592	1153DB5RCN0037	0522471	12/19/01
LaSalle Station				
00032953 Rev 002	945718	1153DB6PB	0522518	12/12/01
00032953 Rev 002	945718	1153DB6PB	0522519	12/12/01
00032953 Rev 002	945718	1153DB5PB	0522520	12/12/01
00032953 Rev 002	945718	1153DB5PB	0522521	12/12/01
00033158 REV 003	947974	1153DB7PG	0522516	12/04/01
Quad Cities Nuclear Station				
00036896 REV 001	981668	1153DB4RB	0523280	03/25/02
00036896 REV 001	981668	1153DB4RB	0523261	03/25/02
00036896 REV 001	981668	1153DB4RB	0523262	03/25/02
00038406	988465	1153DB3RA	0523254	03/21/02
Reactor Bottom Station				
90 187352	951791	1153DB4RJ	0522576	12/10/01
Lincoln Generating Station				
90 187594 1	964573	1153DB5RJN0039	0522997	02/25/02

ATTACHMENT A
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FirstEnergy Corp

Customer ID	Sales Order	Model Number Module	Serial Number	Ship Date
Perry Plant				
7061913	903740	1153DB5RCN0039	0522262	09/19/01
7061913	903740	1153DB5RCN0039	0522263	09/19/01
7086930	999968	1153DB5RCN0039	0523348	03/21/02
7086930	999968	1153DB5RCN0039	0523349	03/21/02
7087540 REV 1	1017186	1153DB5PCN0016	0523528	04/16/02
7087826	1003206	1153DB5RAN0039	0523366	04/18/02
Davis Besse Plant				
7075047	937664	1153DD5RA	0522480	12/07/01
7075047	937664	1153DD5RA	0522481	12/07/01
7075047	937664	1153DD5RA	0522482	12/07/01
7075047	937664	1153DD5RA	0522483	12/07/01
Beaver Valley Station				
7092027	1026232	1153DB5PA	0523738	06/13/02

ATTACHMENT A
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Florida Power and Light Co

Customer ID	Sales Order	Module Name	Serial Number	Ship Date
00052113 REV 001	890158	1153DD5PB	0522270	09/14/01
00052113 REV 001	880158	1153DD5PB	0522272	09/14/01
00052113 REV 001	890158	1153DD5PB	0522273	09/14/01
00054116	951706	1153HD5PB	0522580	11/29/01
00054291	956426	01153-0320-0232	4714554	12/31/01
00054433	959014	01153-0320-0352	4714899	01/10/02
00058540	1043753	01153-0320-0252	4720509	07/16/02

ATTACHMENT A
10CFR PART 21 - NOTIFICATION 09 SEPTEMBER 2002
Georgia Power Co

Customer PC	Sales Order	Model Number	Serial Number	Ship Date
Hatch Plant				
6051372 / 001	962545	1153DB4PA	0522627	12/21/01
Vogtle Plant				
7051974/001	942430	1153HB5RH	0522784	01/04/02
7051974/001	942430	1153HB5RH	0522785	01/04/02
7051974/001	942430	1153HB5RH	0522786	01/04/02
7051974/001	942430	1153HB5RH	0522787	01/04/02
7051974/001	942430	1153HB5RH	0522788	01/04/02
7051974/001	942430	1153HB5RH	0522789	01/04/02
7051974/001	942430	1153HB5RH	0522790	01/04/02
7051974/001	942430	1153HB5RH	0522791	01/04/02
7051974/001	942430	1153HB5RH	0522792	01/04/02
7051974/001	942430	1153HB5RH	0522793	01/04/02
7051974/001	942430	1153HB5RH	0522794	01/04/02
7052143	949777	1153DB5RH	0522646	12/31/01
7052143	949777	1153DB5RH	0522647	12/31/01

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ATTACHMENT A
10CFR PART 21 - NOTIFICATION 09 SEPTEMBER 2002
North Atlantic Energy Service

Customer PO	Sale Order	Module	Serial Number	Ship Date
02175145	953438	1153DB4PB	0522596	12/22/01

ATTACHMENT A
10CFR PART 21 - NOTIFICATION 09 SEPTEMBER 2002
Pacific Gas and Electric Co

Customer #	Sales Order #	Model Number	Serial Number	Ship Date
110880	1032472	1153HD5RC	0523859	07/25/02
110880	1032472	1153HD5RC	0523860	07/25/02

ATTACHMENT A
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Public Service Electric and Gas

Customer ID	Sales Order	Module	Serial Number	SNIP Date
4500103669	831645	1153HD5RAN0037	0520931	03/28/01
4500122027	905439	1153DB4PG	0522421	10/24/01
4500138319	1006461	1153DB7RA	0523439	04/30/02
4500154483	1032471	1153DB5RAN0016	0523858	07/18/02
4500158649	1056075	1153DB4PG	0524173	08/27/02
4500158649	1056075	1153DB4PG	0524174	08/27/02
4500158649	1056075	1153DB4PG	0524175	08/27/02

ATTACHMENT A
10CFR PART 21 - NOTIFICATION 09 SEPTEMBER 2002
Southern California Edison Co

Customer PC	Sales Order	Model Number Module	Serial Number	Ship Date
6G281008	962914	1153HD6PAN0011	0523219	03/21/02
6G281008	962914	1153HD6PAN0011	0523227	03/21/02
6G281008	962914	1153HD6PAN0011	0523230	03/21/02
6G281008	962914	1153HD6PAN0011	0523231	03/21/02

ATTACHMENT A
10CFR PART 21 - NOTIFICATION 09 SEPTEMBER 2002
TXU Electric and Gas

Customer Ref	Sales Order	Model Number	Serial Number	Ship Date
B 0079178 050	1014926	1153DB5PA	0523497	05/21/02
B 0079178 050	1014926	1153DB5PA	0523498	05/21/02
B 0079178 050	1014926	1153DB5PA	0523499	05/21/02
B0079178 044	937676	1153DB5PA	0522630	01/03/02

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ATTACHMENT A
10CFR PART 21 - NOTIFICATION 09 SEPTEMBER 2002
Westinghouse Savannah River Co

CUSTOMER ID	Sales Order	Model Number of Module	Serial Number	Ship Date
AC30637A	1045823	1153DD4PE	0523854	06/19/02

ATTACHMENT A
10CFR PART 21 - NOTIFICATION 09 SEPTEMBER 2002
Xcel Energy

Customer PO	Sales Order	Model Number Module	Serial Number	Ship Date
PT3786SQ	931440	1153HB6PC	0522465	10/16/01
PT3786SQ	931440	1153HB7PC	0522466	10/16/01